

# METAL BUILDING SQ. FT. COST REVUE

The Metal Building Sq. Ft. Cost Revue by Design Cost Data™ Magazine is a sampling of actual metal building projects taken from our database, the NHBCdb™ (National Historical Building Cost Database) to assist our readers in estimating the cost of buildings using metal components.

DCD is based on the philosophy that actual buildings, when coupled with up-to-date cost indices, are the most reliable basis for future building costs. The projects shown below have been escalated to October 2006 and targeted to a historical location factor of 1 (see DCD Regional Modifiers on page 42 of this issue). Please note that the Division Costs are based on Total Building Costs.

## COMMERCIAL

### Motorcycle Sales & Service

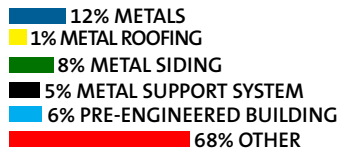
Roof: Metal

Walls: Metal Siding

39,684 Sq. Ft. 2 Floors

Total Building Sq. Ft. Cost \$140.00

DIV. 5	Metals Sq. Ft. Cost \$16.42
DIV. 7	Metal Roofing Sq. Ft. Cost \$1.57
	Metal Siding Sq. Ft. Cost \$11.77
DIV. 9	Metal Support System Sq. Ft. Cost \$7.22
DIV. 13	Pre-Engineered Building Sq. Ft. Cost \$7.99



### Cellular Phone Sales Building

Roof: Metal

Walls: Metal Siding

4,320 Sq. Ft. 1 Floor

Total Building Sq. Ft. Cost \$219.53

DIV. 5	Metals Sq. Ft. Cost \$50.51
DIV. 7	Manufactured Roofing & Siding Sq. Ft. Cost \$26.85

## CIVIC

### Public Library

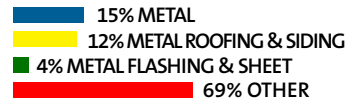
Roof: Metal

Walls: Metal Siding

54,000 Sq. Ft. 2 Floors

Total Building Sq. Ft. Cost \$147.55

DIV. 5	Metals Sq. Ft. Cost \$21.82
DIV. 7	Manufactured Roofing & Siding Sq. Ft. Cost \$17.41
	Flashing & Sheet Metal Sq. Ft. Cost \$5.39



## EDUCATIONAL

### High School Arts Center

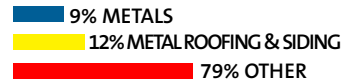
Roof: Metal

Walls: Siding & Masonry

7,982 Sq. Ft. 1 Floor

Total Building Sq. Ft. Cost \$116.51

DIV. 5	Metals Sq. Ft. Cost \$10.11
DIV. 7	Manufactured Roofing & Siding Sq. Ft. Cost \$14.55



Continued on page 22

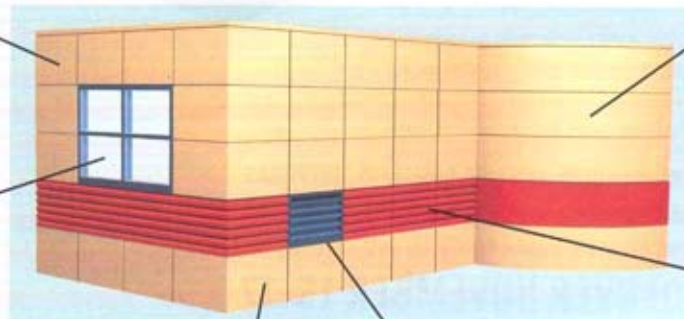
## Benchmark = Integration + Design Flexibility

### Fiat Metal Wall Panels

Designwall panels are offered in several series, with a choice of width and length modules, thicknesses, design features, thermal values and colors.

### Flushglaze 4500

New architectural window system integrates with Benchmark 2" thick horizontal panels. Thermal breaks in all components, positive water barrier and drainage, concealed splice plates, front set glass pocket, and snap-lock frame connectivity.



### Granitstone™ Panels

New factory-applied acrylic aggregate finish offers the attractive look of sprayed stucco in a lightweight insulated panel.

### Integrated Louvers

Louvers by American Warming & Ventilating for Benchmark are designed to integrate with Benchmark panels.

### Complex Shapes

Factory-fabricated curves, folded corners, fascia-soffit bends and other custom shapes are built to your design and delivered ready to install.

### Ribbed Panels

New profiled panel with 13/16" ribs spaced 4" apart adds a tasteful accent to the building design.

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(614) 444-0110 • Fax: (614) 444-7759 • www.benchmarkpanels.com

# Complex Look. Simple Design.

**Project:** Car Sense  
**Owner:** Fran McGowen - Hilltown, PA  
**General Contractor:** W.K. Smith Construction - Phoenixville, PA  
**Star Builder:** Schlosser Steel Buildings - Hatfield, PA



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Oklahoma City, OK 73143  
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## METAL BUILDING SQ. FT. COST REVUE

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### OFFICE

#### Office Building

**Roof: Metal** 9% METALS  
**Walls: Metal Siding** 7% METAL ROOFING & SIDING  
**18,000 Sq. Ft. 2 Floors** 84% OTHER  
**Total Building Sq. Ft. Cost \$232.00**  
 DIV. 5 Metals Sq. Ft. Cost \$21.12  
 DIV. 7 Manufactured Roofing & Siding Sq. Ft. Cost \$17.25

### INDUSTRIAL

#### Storage Facility

**Roof: Metal** 1% METALS  
**Walls: Metal Siding** 18% PRE-ENGINEERED BUILDING  
**13,125 Sq. Ft. 1 Floor** 81% OTHER  
**Total Building Sq. Ft. Cost \$46.41**  
 DIV. 5 Metals Sq. Ft. Cost \$0.48  
 DIV. 13 Pre-Engineered Structure Sq. Ft. Cost \$8.53

### RECREATIONAL

#### Community College Recreational Center

**Roof: Metal** 9% METALS  
**Walls: Metal Panel** 22% METAL PANELS  
**43,500 Sq. Ft. 1 Floor** 69% OTHER  
**Total Building Sq. Ft. Cost \$119.72**  
 DIV. 5 Metals Sq. Ft. Cost \$10.17  
 DIV. 7 Metal Panels Sq. Ft. Cost \$25.99

### RELIGIOUS

#### Church

**Roof: Metal** 12% METALS  
**Walls: Metal Siding** 14% METAL ROOFING & SIDING  
**22,176 Sq. Ft. 1 Floor** 4% METAL SUPPORT SYSTEMS  
**Total Building Sq. Ft. Cost \$160.00** 70% OTHER  
 DIV. 5 Metals Sq. Ft. Cost \$18.40  
 DIV. 7 Manufactured Roofing & Siding Sq. Ft. Cost \$22.47  
 Metal Support Systems \$5.66

### RESIDENTIAL

#### Residential Home

**Roof: Metal**  
**Walls: Metal Siding** 15% METAL ROOFING & SIDING  
**2,100 Sq. Ft. 2 Floors** 85% OTHER  
**Total Building Sq. Ft. Cost \$109.27**  
 DIV. 7 Manufactured Roofing & Siding Sq. Ft. Cost \$16.09

#### Residential Home

**Roof: Shingle**  
**Walls: Metal Framing/Mas. Ext.** 36% STRUCTURAL FRAMING  
**3,300 Sq. Ft. 1 Floor** 64% OTHER  
**Total Building Sq. Ft. Cost \$197.38**  
 DIV. 5 Structural Metal Framing Sq. Ft. Cost \$71.76

The NHBCdb is an online resource of over 1,100 actual projects, as featured in DCD, located online at DCD.COM for subscribers of Design Cost Data. DCD Subscribers have access to this interactive database for preliminary cost estimating, cost modeling, 'what if' scenarios, and more. If you would like to subscribe to Design Cost Data please give us a call at 800-533-5680 or subscribe online at DCD.COM.