

DCD Sq. Ft. Cost Analysis Sustainable Housing

The projects highlighted here show a variety of environmentally friendly home building methods along with their different ratings attained from NAHB, LEED® and Energy Star® and their projected cost to build across the nation.

The cost per square foot does not include architectural and engineering fees. Square footage is broken out in two categories: living area and total area with square footage cost for each. All projects were escalated to December 2012 and then to select cities.

These projects are housed in the DCD Archives™ at DCD.COM. The DCD Archives include over 1,500 projects as published in DCD magazine for cost modeling. For more information or to subscribe to DCD login at www.dcdarchives.com.

DCD Square Foot Cost Analysis Sustainable Housing - December 2012

	Historical Base	Atlanta	Pittsburgh	New York City	Dallas	Kansas City	Chicago	Los Angeles	Las Vegas	Seattle
Moderate Single Family LEED Certified for Homes Insulated Concrete Forms/Metal Roof 2 Floors Living Area 2,020 SF	97.41	89.62	113.00	144.17	86.70	114.95	121.76	115.92	106.18	115.92
Total Area 3,940 SF (Basement & Garage)	56.38	51.87	65.40	83.44	50.18	66.53	70.48	67.09	61.46	67.09
Above Average Single Family NAHB Gold/Energy Star Concrete Siding/Shingle Roof 2 Floors Living Area 3,610 SF	162.62	149.61	188.64	240.68	144.74	191.90	203.28	193.52	177.26	193.52
Total Area 4,613 SF (Garage & Porches)	127.27	117.08	147.63	188.35	113.27	150.17	159.08	151.45	138.72	151.45
Moderate Plus Single Family Energy Star 5 Star Metal & Composite Siding/Metal Roof 2 Floors Living Area 2,289 SF	107.07	98.50	124.20	158.46	95.29	126.34	133.83	127.41	116.70	127.41
Total Area 4,312 SF (Unfinished Basement & Garage) Solar PV System Not Included in Cost	56.84	52.29	65.93	84.12	50.58	67.07	71.05	67.64	61.95	67.64
Moderate Plus Single Family Passive Solar Concrete Siding/Shingle Roof 2 Floors Living Area 2,800 SF	160.96	148.09	186.72	238.23	143.26	189.94	201.20	191.55	175.45	191.55
Total Area (Garage) 3,808 SF	118.36	108.89	137.29	175.17	105.34	139.66	147.94	140.84	129.00	140.84
Above Average Multi Family 12 Unit Active Solar Collection Sustainable Metal Panel/Metal Roof Living Area 12,500 SF Total	125.92	115.85	146.07	186.36	112.07	148.59	157.40	149.85	137.25	149.85
Moderate Multi Family LEED Gold 11 Buildings 2 to 4 Floors 124,037 SF	106.32	97.82	123.34	157.36	94.63	125.46	132.90	126.52	115.89	126.52