



ENERGY STAR® 2013 Snapshot

Measuring Progress in the Commercial and Industrial Buildings Sector

February 2015



This document provides an at-a-glance summary of the latest national ENERGY STAR metrics to help you, our partners, see the impact of your efforts. Specifically, the Snapshot summarizes national as well as state and local trends in energy and water benchmarking of commercial and industrial properties. It also provides information about ENERGY STAR certified commercial and industrial properties, and commercial building designs.

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Executive Summary

The ENERGY STAR Commercial and Industrial Buildings program continued to grow through 2013. As of the end of 2013, the program reports that more than:

- 45,000 active Portfolio Manager accounts have benchmarked energy or water.
- 325,000 buildings have benchmarked energy in Portfolio Manager, equivalent to more than 30 billion square feet.
- 70,000 buildings have benchmarked water consumption in Portfolio Manager.
- 90,000 buildings have benchmarked energy performance in Portfolio Manager using metrics other than the ENERGY STAR 1-100 score. These buildings account for more than 6.5 billion square feet.
- 23,000 commercial buildings and industrial plants, encompassing more than 3.4 billion square feet, have earned the ENERGY STAR.
- 200 plants have achieved the ENERGY STAR Challenge for Industry.
- 550 building designs have earned Designed to Earn ENERGY STAR .
- 3,000 buildings have participated in the annual EPA National Building Competition, saving 900 million kBtu and more than \$20 million.

National Benchmarking

Organizations across the nation are benchmarking building energy and water consumption using Portfolio Manager. More than 45,000 accounts track building energy use, and more than 20,000 accounts track building water consumption.

These accounts collectively hold more than 325,000 buildings and more than 30 billion square feet of space for which energy and water is tracked (Figure 1). While new buildings continue to access the tool each year, the growth in square footage lags behind that for buildings, indicating that many smaller buildings have started using the tool in the past few years. Since historically building types with typically large floor area, such as offices, K-12 schools, retail stores and hospitals, have benchmarked energy and water use in Portfolio Manager, this trend suggests that ENERGY STAR may have reached a benchmarking saturation point among very large buildings.

Of the more than 80 building types benchmarked in Portfolio Manager, the building types representing the greatest number of benchmarked buildings include office, K-12 school, multifamily housing, and retail (see Figure 2a). However, when assessing square footage benchmarked in Portfolio Manager, a slightly different group of building types emerges: office leads for cumulative benchmarked square footage, followed by retail store, K-12 school, bank branch, and multifamily housing (Figure 2b). Taken together, these charts tell a story about building size. For example, while retail stores make up 17% of all benchmarked buildings, they make up 8% of the benchmarked square footage. This indicates that the retail stores benchmarked in Portfolio Manager are small compared to offices, for example, which make up roughly the same number of benchmarked buildings but represent more than 25% of the total benchmarked square footage.

Detailed information about buildings benchmarked by state, Office of Management and Budget-defined core-based statistical area (CBSA), and building type is provided in Appendices A, B, and C.

Figure 1. Cumulative buildings and square footage benchmarked in Portfolio Manager

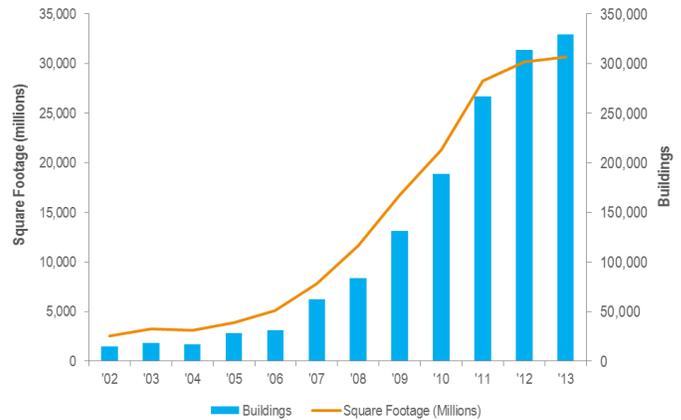


Figure 2a. Cumulative buildings benchmarked in Portfolio Manager by type

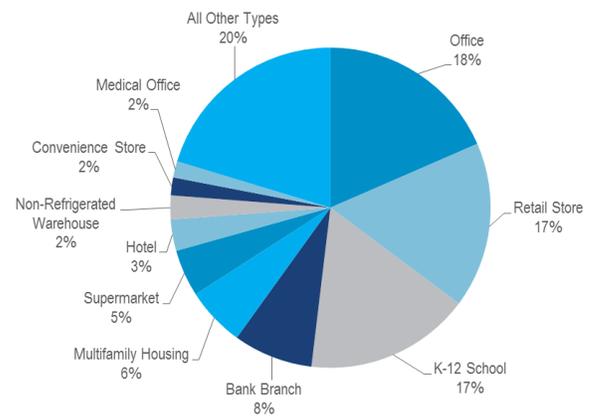
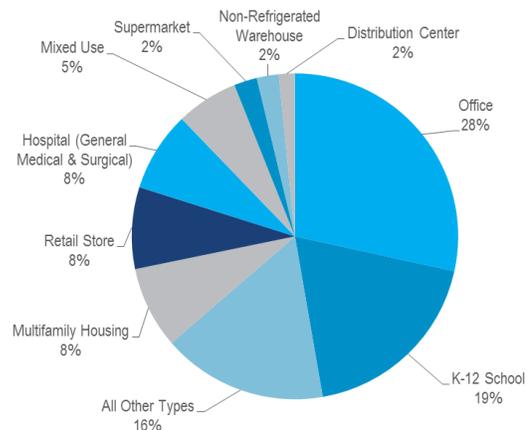


Figure 2b. Cumulative square footage benchmarked in Portfolio Manager by type



State & Local Benchmarking

Governments at all levels play an important role in the ENERGY STAR program. Many are taking important steps to protect the environment and reduce energy and water use. State and local governments across the country are adopting policies that leverage ENERGY STAR tools to reduce energy use in commercial buildings, through both voluntary campaigns and required policy measures.

Figure 3 shows that every state in the nation is home to buildings for which energy or water use has been benchmarked in Portfolio Manager.

In Figure 4, we see that the buildings benchmarked in some cities are much larger in certain locales than others. For example, roughly the same number of buildings are benchmarked in both Seattle and Washington, DC. However, the buildings in Washington, DC total more square footage than those in Seattle. This suggests that the average building benchmarking in Washington, DC is larger than the average building benchmarking in Seattle.

More information about mandatory and voluntary state and local programs that leverage ENERGY STAR can be found at <http://www.energystar.gov/government>.

Detailed benchmarking data, by state and CBSA, is provided in Appendices A and B.

Figure 3. Square footage of benchmarked buildings by state (cumulative)

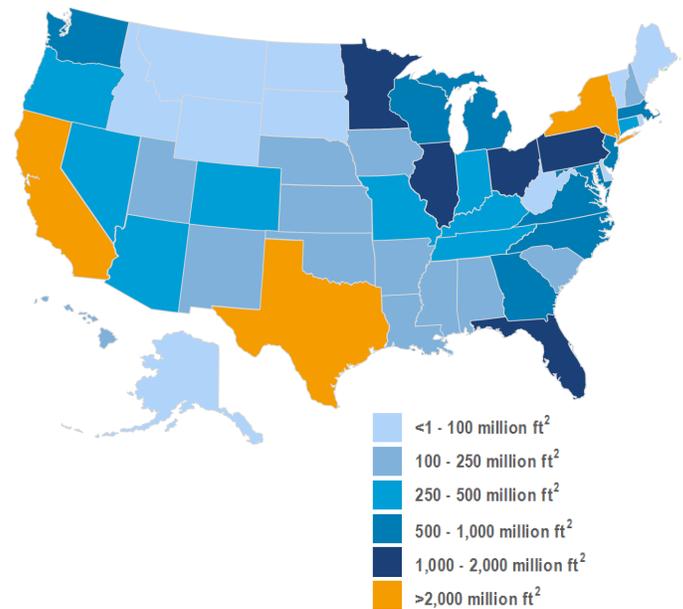
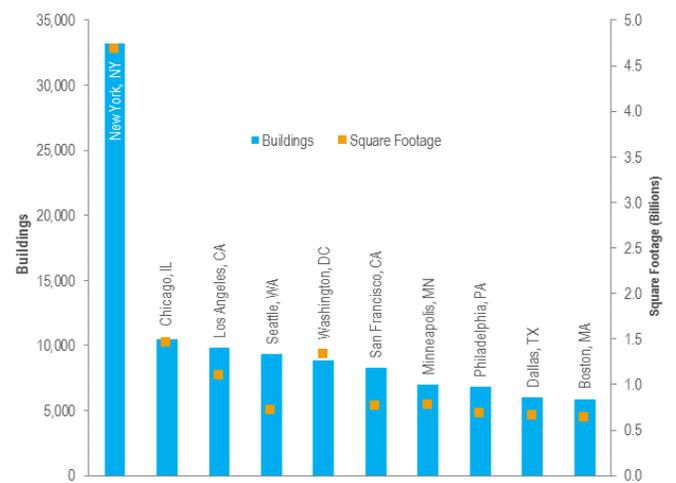


Figure 4. Top 10 CBSAs by benchmarked building count and associated square footage (cumulative)

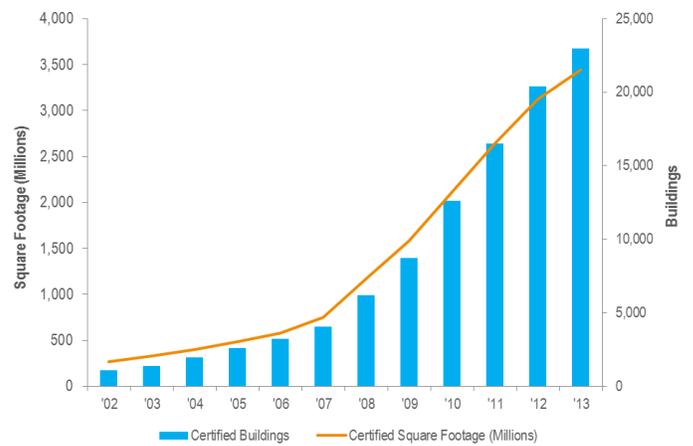


ENERGY STAR Certification for Buildings

To be eligible for ENERGY STAR certification, a building must earn an ENERGY STAR score of 75 or higher, indicating that it performs better than at least 75 percent of similar buildings nationwide. These buildings typically use about 35 percent less energy than average buildings. Since 1999 ENERGY STAR has certified nearly 23,000 buildings and more than 3.4 billion square feet of space (Figure 5).

The following building types are eligible to earn the ENERGY STAR: bank, courthouse, data center, distribution center, financial office, hospital, hotel, K-12 school, non-refrigerated warehouse, office, refrigerated warehouse, retail store, senior care community, supermarket/grocery, worship facility, and wholesale club/supercenter.

Figure 5. Cumulative ENERGY STAR certified buildings and square footage



ENERGY STAR Certification for Buildings

Figures 6a and 6b summarize ENERGY STAR certified buildings by type and illustrate that office, K-12 school, retail, and supermarket make up the majority of ENERGY STAR certified buildings.

These figures also help to show the relative size of certified buildings. For example, while hospitals are the ninth most frequently certified building type, they come in fourth in terms of certified square footage.

Detailed ENERGY STAR certification data is provided by state, CBSA, and building type in Appendices D, E, and F.

Figure 6a. Cumulative ENERGY STAR certified buildings by type

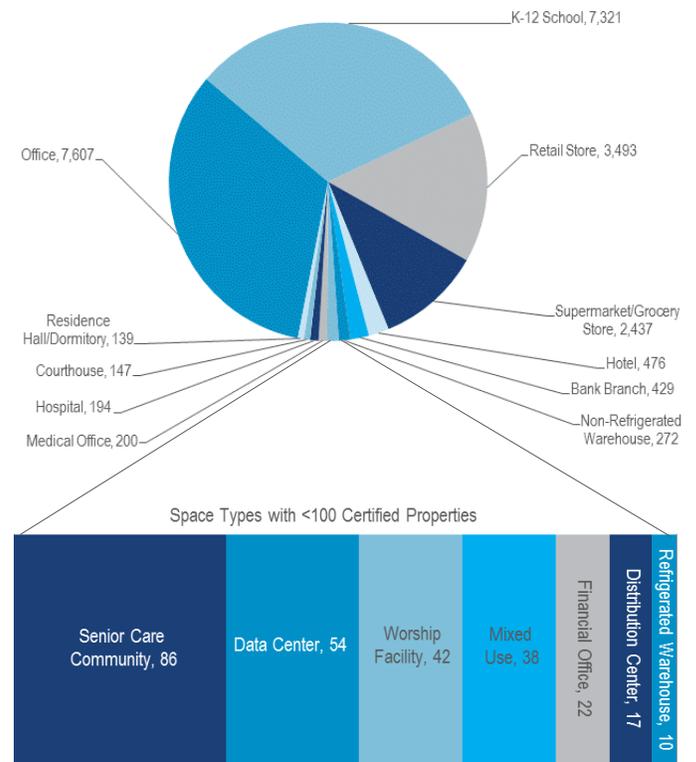
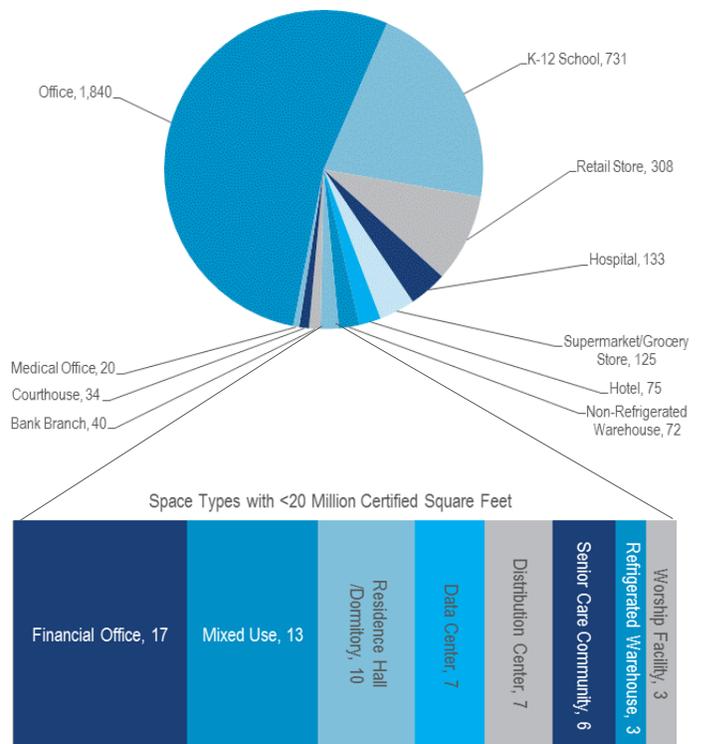


Figure 6b. Cumulative ENERGY STAR certified square footage by type (millions)



ENERGY STAR Certification for Plants

More than 125 industrial facilities earned ENERGY STAR certification through 2013, indicating superior energy efficiency by plant type. More than ten types of industrial plants can earn ENERGY STAR certification, including cement manufacturing, wet corn milling, cookies & crackers, juice, potato products, flat glass, container glass, auto assembly, petroleum industry, pharmaceuticals, pulp mill, and integrated mill. A break out of certified plants by type is provided in Figure 7.

Detailed industrial plant certification data is provided in Appendices G and H. For more information, visit <http://www.energystar.gov/epis>.

Designed to Earn the ENERGY STAR

A design project that achieves Designed to Earn the ENERGY STAR meets strict EPA criteria for estimated energy performance. It signifies that, once built, the building is poised to achieve top energy performance, and earn ENERGY STAR certification.

The majority of design projects fall in the K-12, office, supermarket, retail, and residence hall/dormitory building categories (Figure 8). However, there are a number of other building types that have earned this distinction.

Detailed data is provided in Appendices I and J. For more information, visit: <http://www.energystar.gov/buildings/service-providers/design/why-you-should-design-earn-energy-star>.

Figure 7. Cumulative certified plants by type

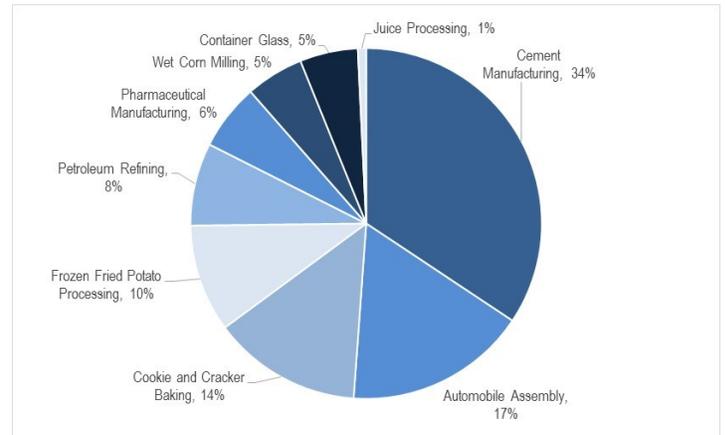
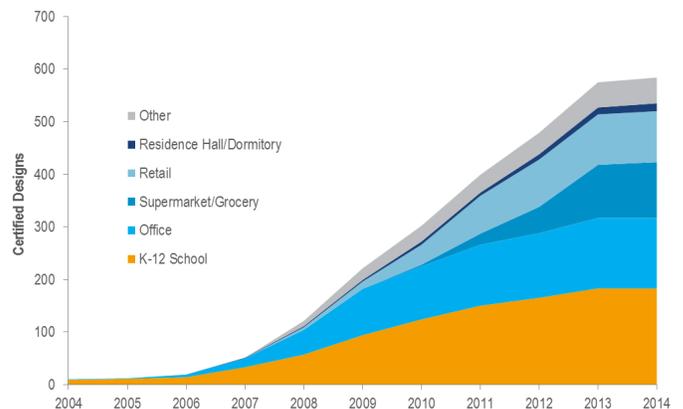


Figure 8. Cumulative Designed to Earn the ENERGY STAR projects



Note: "Other" includes bank branch, courthouse, data center, hospital, hotel, worship facility, medical office, and warehouse.

ENERGY STAR Challenge for Industry

The ENERGY STAR Challenge for Industry is a tool designed to help energy managers and industrial sites improve energy performance and set goals. Industrial sites participate by committing to the pre-established goal of reducing energy intensity by 10 percent within 5 years or less.

In 2013, more than 40 sites achieved the challenge and reported an average energy use intensity reduction of 20%. Since 2010, when the Challenge was launched, more than 200 industrial facilities have achieved the Challenge, reducing emissions by more than 10 million metric tons.

For more information, visit <http://www.energystar.gov/industrychallenge>.

The EPA National Building Competition

In 2013, EPA hosted its fourth season of the ENERGY STAR National Building Competition to see which U.S. building could cut its energy use the most. More than 3,200 buildings from all 50 states, two U.S. territories, and the District of Columbia battled the scale and each other. Together they saved more than \$20 million, and reduced greenhouse gas (GHG) emissions by more than 130,000 MtCO₂e. The average cost and GHG emissions savings per building that reduced energy use was more than \$21,000 and 121 MtCO₂e.

The overall winner is the building that demonstrates the largest year-over-year percentage reduction in energy “weight”, defined as energy use adjusted for weather and the size of the building. In 2013, the winner was Claiborne Elementary School in Baton Rouge, La. which achieved 46% energy savings in just 12 months. The top 10 finishers in 2013 all slimmed down by 30 percent or more.

EPA also provides recognition for energy savings of 20% or more. Over the years, dozens of buildings have reduced energy use by more than 20% in just 12 months (Figure 10)! All winners must have their data verified by a Professional Engineer or Licensed architect to earn ENERGY STAR recognition.

Read about the successful strategies competitors have used to win during each competition year, and get their best energy-saving advice at <http://www.energystar.gov/BattleoftheBuildings>.

Figure 9. Annual ENERGY STAR Challenge for Industry achievements

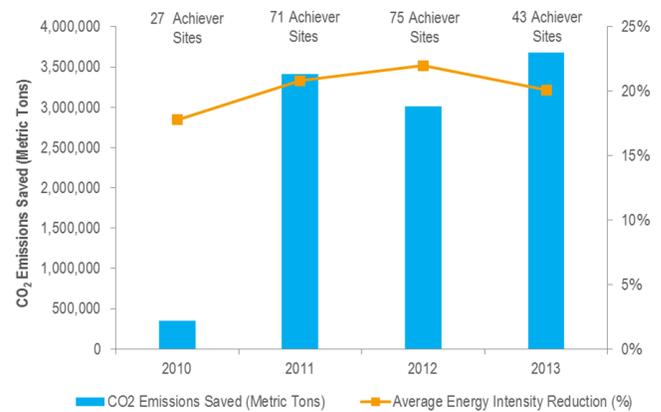
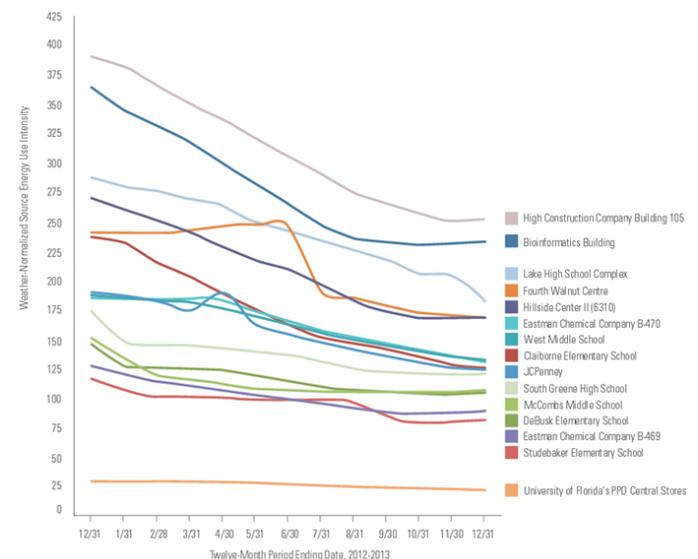


Figure 10. 12-month path to energy savings for the 2013 ENERGY STAR National Building Competition's top finishers



Appendices

Appendix A. Benchmarked Buildings and Square Footage by State

Appendix B. Benchmarked Buildings and Square Footage by CBSA

Appendix C. Benchmark Buildings and Square Footage by Type

Appendix D. ENERGY STAR Certified Buildings and Square Footage by State

Appendix E. ENERGY STAR Certified Buildings and Square Footage by CBSA

Appendix F. ENERGY STAR Certified Buildings and Square Footage by Type

Appendix G. ENERGY STAR Certified Plants by State

Appendix H. ENERGY STAR Certified Plants by Type

Appendix I. Designed to Earn the ENERGY STAR Projects by State

Appendix J. Designed to Earn the ENERGY STAR Projects by Type

Appendix A. Benchmarked Buildings and Square Footage by State

State / Territory	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Alabama	3,379	228,832,779
Alaska	742	38,531,460
American Samoa	8	537,255
Arizona	4,951	389,748,058
Arkansas	3,256	141,861,500
California	37,985	3,268,323,851
Colorado	6,508	495,975,589
Connecticut	3,957	310,517,893
Delaware	1,046	72,412,814
District of Columbia (D.C.)	2,771	601,046,158
Florida	14,152	1,095,797,921
Georgia	7,328	719,367,959
Guam	69	6,697,442
Hawaii	1,176	180,972,775
Idaho	1,329	65,799,971
Illinois	12,212	1,572,147,292
Indiana	5,171	431,204,534
Iowa	3,345	229,468,982
Kansas	2,854	208,177,993
Kentucky	4,022	274,508,079
Louisiana	2,360	176,123,960
Maine	1,629	77,902,531
Marshall Islands	3	620,279
Maryland	5,788	704,486,723
Massachusetts	7,603	774,695,059
Michigan	9,094	734,874,339
Minnesota	11,863	1,020,938,989
Mississippi	1,302	102,986,293
Missouri	4,215	368,779,543
Montana	910	98,933,204
Navajo Nation	10	604,558

State / Territory	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Nebraska	2,016	149,215,274
Nevada	2,920	277,025,390
New Hampshire	2,583	125,987,364
New Jersey	8,415	698,651,994
New Mexico	2,438	137,745,222
New York	34,950	4,796,145,767
North Carolina	8,964	613,600,565
North Dakota	409	21,492,630
Northern Mariana Islands	15	4,059,549
Ohio	12,976	1,101,191,267
Oklahoma	1,984	149,060,543
Oregon	4,547	352,372,565
Pacific Islands	10	261,280
Pennsylvania	13,383	1,215,523,688
Puerto Rico	583	31,355,767
Rhode Island	1,036	77,187,358
South Carolina	3,304	203,087,849
South Dakota	679	40,042,335
Tennessee	4,840	414,660,125
Texas	20,933	2,056,210,530
Trust Territories	7	440,216
U.S. Minor Outlying Islands	10	1,036,529
Utah	3,083	197,298,737
Vermont	909	42,028,586
Virgin Islands of the U.S.	43	3,414,933
Virginia	9,970	896,353,449
Wake Island	15	675,229
Washington	13,321	935,089,969
West Virginia	1,290	81,387,555
Wisconsin	7,013	630,527,159
Wyoming	396	19,437,183

Appendix B. Benchmarked Buildings and Square Footage by CBSA

CBSA	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Akron OH	704	54,048,215
Albany-Schenectady-Troy NY	1,140	126,094,208
Albuquerque NM	991	78,548,045
Allentown-Bethlehem-Easton PA-NJ	827	70,182,862
Anchorage AK	303	24,108,497
Atlanta-Sandy Springs-Marietta GA	4,844	574,895,208
Augusta-Richmond County GA-SC	344	32,071,615
Austin-Round Rock-San Marcos TX	3,003	305,905,060
Bakersfield-Delano CA	472	27,782,084
Baltimore-Towson MD	2,900	425,144,339
Baton Rouge LA	446	30,686,962
Billings MT	175	11,481,017
Birmingham-Hoover AL	771	72,503,739
Boise City-Nampa ID	550	32,395,628
Boston-Cambridge-Quincy MA-NH	5,872	629,498,830
Bridgeport-Stamford-Norwalk CT	947	89,136,829
Buffalo-Niagara Falls NY	1,011	95,644,273
Cape Coral-Fort Myers FL	370	14,409,212
Charleston-North Charleston SC	571	30,986,234
Charlotte-Gastonia-Rock Hill NC-SC	2,071	186,980,673
Chattanooga TN-GA	339	23,126,177
Cheyenne WY	69	5,144,858
Chicago-Naperville-Joliet IL-IN-WI	10,517	1,459,107,119
Cincinnati-Middletown OH-KY-IN	2,396	221,181,769
Cleveland-Elyria-Mentor OH	2,177	213,408,561
Colorado Springs CO	665	47,522,800
Columbia SC	577	35,818,240
Columbus OH	2,482	252,942,887
Dallas-Fort Worth-Arlington TX	6,014	652,057,831
Dayton OH	1,146	79,586,279
Denver-Aurora CO	3,568	339,155,625
Des Moines-West Des Moines IA	1,009	87,262,903
Detroit-Warren-Livonia MI	3,858	368,752,155
El Paso TX	682	48,364,120
Fargo ND-MN	179	9,935,261
Fresno CA	665	44,693,147
Grand Rapids-Wyoming MI	820	60,935,668
Greensboro-High Point NC	601	37,845,895
Greenville-Mauldin-Easley SC	578	54,122,606
Harrisburg-Carlisle PA	844	61,453,427

CBSA	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Hartford-West Hartford-East Hartford CT	1,340	116,163,392
Honolulu HI	789	127,407,503
Houston-Sugar Land-Baytown TX	4,714	610,996,992
Indianapolis-Carmel IN	1,717	183,013,321
Jackson MS	330	32,269,914
Jacksonville FL	970	83,385,585
Kansas City MO-KS	1,952	194,028,675
Knoxville TN	677	53,240,245
Lakeland FL	427	27,897,494
Las Vegas-Paradise NV	2,027	209,844,784
Little Rock-North Little Rock-Conway AR	1,072	69,037,776
Los Angeles-Long Beach-Santa Ana CA	9,825	1,092,102,102
Louisville/Jefferson County KY-IN	1,359	118,731,000
Madison WI	981	98,790,410
Manchester-Nashua NH	628	33,581,203
McAllen-Edinburg-Mission TX	521	38,617,305
Memphis TN-MS-AR	1,152	129,568,027
Miami-Fort Lauderdale-Pompano Beach FL	3,693	326,184,163
Milwaukee-Waukesha-West Allis WI	2,139	238,605,723
Minneapolis-St. Paul-Bloomington MN-WI	7,011	771,705,856
Modesto CA	237	13,385,159
Nashville-Davidson--Murfreesboro--Franklin TN	1,438	154,113,708
New Haven-Milford CT	997	63,209,776
New Orleans-Metairie-Kenner LA	785	83,978,032
New York-Northern New Jersey-Long Island NY-NJ-PA	33,242	4,674,783,510
North Port-Bradenton-Sarasota FL	572	38,087,376
Ogden-Clearfield UT	647	47,085,998
Oklahoma City OK	739	66,839,946
Omaha-Council Bluffs NE-IA	1,096	91,798,264
Orlando-Kissimmee-Sanford FL	2,283	222,321,570
Oxnard-Thousand Oaks-Ventura CA	752	43,533,768
Palm Bay-Melbourne-Titusville FL	486	29,853,217
Philadelphia-Camden-Wilmington PA-NJ-DE-MD	6,823	680,457,996
Phoenix-Mesa-Glendale AZ	3,159	301,461,854
Pittsburgh PA	2,614	234,069,214
Portland-South Portland-Biddeford ME	822	36,188,946
Portland-Vancouver-Hillsboro OR-WA	3,490	300,352,449
Poughkeepsie-Newburgh-Middletown NY	1,065	45,914,299
Providence-New Bedford-Fall River RI-MA	1,521	112,568,779

Appendix B. Benchmarked Buildings and Square Footage by CBSA

CBSA	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Provo-Orem UT	306	15,078,324
Raleigh-Cary NC	1,486	106,777,021
Richmond VA	1,455	123,213,396
Riverside-San Bernardino-Ontario CA	2,756	240,244,185
Rochester NY	1,174	110,728,695
Sacramento--Arden-Arcade--Roseville CA	2,585	192,599,096
Salt Lake City UT	1,439	108,713,116
San Antonio-New Braunfels TX	1,609	146,055,774
San Diego-Carlsbad-San Marcos CA	4,755	366,568,872
San Francisco-Oakland-Fremont CA	8,294	761,186,798
San Jose-Sunnyvale-Santa Clara CA	2,926	233,009,317
Scranton--Wilkes-Barre PA	523	38,919,472
Seattle-Tacoma-Bellevue WA	9,363	718,683,047
Sioux Falls SD	191	14,586,242
Springfield MA	751	49,446,866
St. Louis MO-IL	2,038	210,758,724
Stockton CA	401	28,432,330
Syracuse NY	755	62,486,670
Tampa-St. Petersburg-Clearwater FL	2,385	180,060,285
Toledo OH	1,007	69,754,590
Tucson AZ	868	53,439,116
Tulsa OK	632	51,016,326
Virginia Beach-Norfolk-Newport News VA-NC	2,423	158,715,378
Washington-Arlington-Alexandria DC-VA-MD-WV	8,867	1,325,636,755
Wichita KS	562	41,476,573
Worcester MA	752	60,168,156
Youngstown-Warren-Boardman OH-PA	474	38,079,519

Appendix C. Benchmarked Buildings and Square Footage by Type

Building Type	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Adult Education	21	1,439,751
Ambulatory Surgical Center	14	747,695
Aquarium	2	110,523
Automobile Dealership	123	9,633,002
Bank Branch	26,465	174,809,940
Bar/Nightclub	6	68,104
Barracks	9	617,750
Bowling Alley	2	92,025
Casino	10	6,388,644
College/University	3,175	379,776,931
Convenience Store with Gas Station	18	82,023
Convenience Store without Gas Station	5,922	15,853,372
Convention Center	14	11,463,449
Courthouse	1,785	235,755,471
Data Center	873	87,394,652
Distribution Center	1,835	485,371,577
Drinking Water Treatment & Distribution	37	1,766,060
Enclosed Mall	51	42,687,752
Energy/Power Station	9	294,809
Fast Food Restaurant	2,399	6,886,080
Financial Office	1,224	341,870,248
Fire Station	2,190	19,846,813
Fitness Center/Health Club/Gym	56	3,454,344
Food Sales	31	529,298
Food Service	454	2,152,261
Hospital (General Medical & Surgical)	4,939	2,432,901,314
Hotel	10,412	1,886,729,087
Ice/Curling Rink	11	375,208
Indoor Arena	9	1,858,193
K-12 School	55,019	5,779,240,752
Laboratory	104	12,193,373
Library	1,993	68,251,903
Lifestyle Center	54	10,167,652
Mailing Center/Post Office	2	1,900
Manufacturing/Industrial Plant	175	33,260,370
Medical Office	5,422	352,648,628
Mixed Use Property	0	0
Movie Theater	8	224,259
Multifamily Housing	19,694	2,495,335,989
Museum	73	10,766,791

Building Type	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Non-Refrigerated Warehouse	7,976	669,372,294
Office	60,848	8,728,797,646
Other	22,331	1,533,998,258
Other - Education	1,203	59,521,653
Other - Entertainment/Public Assembly	1,549	230,898,872
Other - Lodging/Residential	523	21,137,322
Other - Mall	251	97,077,275
Other - Public Services	1,627	64,288,816
Other - Recreation	2,207	96,364,791
Other - Restaurant/Bar	2	2,447
Other - Services	1,608	51,869,136
Other/Specialty Hospital	121	37,313,003
Other - Stadium	3	189,802
Other - Technology/Science	7	264,483
Other - Utility	16	633,267
Outpatient Rehabilitation/Physical Therapy	105	8,832,724
Parking	1,084	166,092,046
Performing Arts	39	2,600,445
Personal Services	15	214,766
Police Station	569	17,103,515
Pre-school/Daycare	130	3,132,127
Prison/Incarceration	152	19,778,796
Race Track	0	0
Refrigerated Warehouse	593	100,163,047
Repair Services	121	6,944,978
Residence Hall/Dormitory	3,958	300,892,084
Restaurant	616	8,534,276
Retail Store	55,131	2,488,001,100
Roller Rink	0	0
Self-Storage Facility	258	17,334,145
Senior Care Community	2,345	188,705,964
Single Family Home	72	181,099
Social/Meeting Hall	846	25,165,077
Stadium (Closed)	3	1,960,800
Stadium (Open)	10	6,928,737
Strip Mall	17	2,399,457
Supermarket/Grocery Store	15,639	701,665,550
Swimming Pool	135	782,325
Transportation Terminal/Station	28	10,094,460

Appendix C. Benchmarked Buildings and Square Footage by Type

Building Type	Cumulative benchmarked through 2013	
	Buildings	Square Footage
Urgent Care/Clinic/Other Outpatient	336	10,990,182
Veterinary Office	8	144,852
Vocational School	22	1,918,135
Wastewater Treatment Plant	1,377	N/A
Wholesale Club/Supercenter	12	2,026,048
Worship Facility	2,235	87,868,831
Zoo	3	653,894

Appendix D. ENERGY STAR Certified Buildings and Square Footage by State

State / Territory	Cumulative certified through 2013	
	Buildings	Square Footage
Alabama	143	15,090,562
Alaska	38	3,607,984
American Samoa	0	0
Arizona	515	62,817,032
Arkansas	48	5,930,089
California	3,999	546,471,820
Colorado	779	101,196,299
Connecticut	214	34,558,623
Delaware	79	8,302,416
District of Columbia (D.C.)	295	99,015,835
Florida	856	120,655,796
Georgia	756	141,424,054
Guam	2	166,818
Hawaii	72	18,836,431
Idaho	112	10,269,249
Illinois	789	209,336,552
Indiana	572	69,934,220
Iowa	204	22,624,716
Kansas	198	19,982,642
Kentucky	445	37,230,298
Louisiana	53	17,358,328
Maine	65	5,490,613
Marshall Islands	0	0
Maryland	382	47,376,066
Massachusetts	543	99,294,233
Michigan	799	95,643,494
Minnesota	571	106,705,457
Mississippi	54	5,953,772
Missouri	238	45,676,568
Montana	72	5,342,692
Navajo Nation	0	0

State / Territory	Cumulative certified through 2013	
	Buildings	Square Footage
Nebraska	109	13,553,158
Nevada	99	12,637,106
New Hampshire	141	13,374,888
New Jersey	420	62,139,393
New Mexico	220	25,560,612
New York	1,019	258,140,173
North Carolina	1,162	96,336,256
North Dakota	29	2,361,244
Northern Mariana Islands	0	0
Ohio	881	118,637,351
Oklahoma	105	13,605,002
Oregon	313	42,519,402
Pacific Islands	0	0
Pennsylvania	789	115,420,439
Puerto Rico	14	911,739
Rhode Island	77	7,582,008
South Carolina	282	22,415,201
South Dakota	71	6,035,028
Tennessee	233	33,591,888
Texas	1,533	321,940,418
Trust Territories	1	129,819
U.S. Minor Outlying Islands	0	0
Utah	287	28,698,493
Vermont	48	3,109,228
Virgin Islands of the U.S.	1	76,227
Virginia	1,037	123,581,612
Wake Island	0	0
Washington	542	82,945,124
West Virginia	82	6,340,324
Wisconsin	580	72,152,444
Wyoming	16	1,363,527

Appendix E. ENERGY STAR Certified Buildings and Square Footage by CBSA

CBSA	Cumulative certified through 2013	
	Buildings	Square Footage
Akron OH	53	5,219,786
Albany-Schenectady-Troy NY	124	14,878,869
Albuquerque NM	134	18,345,266
Allentown-Bethlehem-Easton PA-NJ	80	10,725,880
Anchorage AK	29	2,692,522
Atlanta-Sandy Springs-Marietta GA	611	129,529,168
Augusta-Richmond County GA-SC	20	2,973,195
Austin-Round Rock-San Marcos TX	223	28,975,519
Bakersfield-Delano CA	19	1,483,728
Baltimore-Towson MD	150	17,037,481
Baton Rouge LA	2	343,895
Billings MT	38	2,534,725
Birmingham-Hoover AL	37	5,953,779
Boise City-Nampa ID	36	4,555,093
Boston-Cambridge-Quincy MA-NH	457	89,212,841
Bridgeport-Stamford-Norwalk CT	70	11,101,039
Buffalo-Niagara Falls NY	76	11,355,878
Cape Coral-Fort Myers FL	5	266,446
Charleston-North Charleston SC	29	1,609,509
Charlotte-Gastonia-Rock Hill NC-SC	348	41,556,276
Chattanooga TN-GA	23	3,579,359
Cheyenne WY	5	786,791
Chicago-Naperville-Joliet IL-IN-WI	665	201,174,416
Cincinnati-Middletown OH-KY-IN	243	39,752,506
Cleveland-Elyria-Mentor OH	173	28,310,153
Colorado Springs CO	95	8,975,945
Columbia SC	53	4,415,124
Columbus OH	165	26,174,374
Dallas-Fort Worth-Arlington TX	529	115,427,808
Dayton OH	54	4,941,229
Denver-Aurora CO	453	75,336,707
Des Moines-West Des Moines IA	100	13,555,804
Detroit-Warren-Livonia MI	393	56,888,894
El Paso TX	7	727,117
Fargo ND-MN	11	1,087,251
Fresno CA	85	7,267,524
Grand Rapids-Wyoming MI	79	7,950,687
Greensboro-High Point NC	73	4,818,910
Greenville-Mauldin-Easley SC	72	7,998,645
Harrisburg-Carlisle PA	53	6,636,115

CBSA	Cumulative certified through 2013	
	Buildings	Square Footage
Hartford-West Hartford-East Hartford CT	65	13,055,650
Honolulu HI	65	17,751,473
Houston-Sugar Land-Baytown TX	459	136,664,766
Indianapolis-Carmel IN	199	29,890,332
Jackson MS	29	2,467,316
Jacksonville FL	83	11,362,656
Kansas City MO-KS	196	33,712,324
Knoxville TN	24	3,594,880
Lakeland FL	125	11,867,575
Las Vegas-Paradise NV	77	9,113,960
Little Rock-North Little Rock-Conway AR	20	2,240,705
Los Angeles-Long Beach-Santa Ana CA	1,402	228,042,157
Louisville/Jefferson County KY-IN	161	17,473,693
Madison WI	85	10,171,764
Manchester-Nashua NH	42	5,207,835
McAllen-Edinburg-Mission TX	42	3,707,441
Memphis TN-MS-AR	47	9,519,475
Miami-Fort Lauderdale-Pompano Beach FL	198	35,940,034
Milwaukee-Waukesha-West Allis WI	212	30,500,262
Minneapolis-St. Paul-Bloomington MN-WI	449	95,927,276
Modesto CA	36	2,676,876
Nashville-Davidson--Murfreesboro--Franklin TN	89	13,981,361
New Haven-Milford CT	49	6,388,492
New Orleans-Metairie-Kenner LA	33	14,502,384
New York-Northern New Jersey-Long Island NY-NJ-PA	782	243,697,658
North Port-Bradenton-Sarasota FL	31	4,702,219
Ogden-Clearfield UT	91	8,848,937
Oklahoma City OK	39	5,000,797
Omaha-Council Bluffs NE-IA	73	9,089,536
Orlando-Kissimmee-Sanford FL	101	17,058,444
Oxnard-Thousand Oaks-Ventura CA	115	10,192,942
Palm Bay-Melbourne-Titusville FL	72	8,739,076
Philadelphia-Camden-Wilmington PA-NJ-DE-MD	413	68,704,490
Phoenix-Mesa-Glendale AZ	394	52,626,565
Pittsburgh PA	123	16,622,348
Portland-South Portland-Biddeford ME	38	2,394,662
Portland-Vancouver-Hillsboro OR-WA	303	42,795,524
Poughkeepsie-Newburgh-Middletown NY	36	4,343,903
Providence-New Bedford-Fall River RI-MA	98	9,683,207

Appendix E. ENERGY STAR Certified Buildings and Square Footage by CBSA

CBSA	Cumulative certified through 2013	
	Buildings	Square Footage
Provo-Orem UT	6	654,155
Raleigh-Cary NC	122	10,367,342
Richmond VA	123	11,724,913
Riverside-San Bernardino-Ontario CA	282	28,165,916
Rochester NY	97	12,292,210
Sacramento--Arden-Arcade--Roseville CA	384	36,517,419
Salt Lake City UT	121	13,866,446
San Antonio-New Braunfels TX	107	20,654,747
San Diego-Carlsbad-San Marcos CA	472	47,784,218
San Francisco-Oakland-Fremont CA	665	131,721,506
San Jose-Sunnyvale-Santa Clara CA	238	28,753,835
Scranton--Wilkes-Barre PA	26	2,495,591
Seattle-Tacoma-Bellevue WA	332	62,075,764
Sioux Falls SD	45	4,342,705
Springfield MA	15	1,740,761
St. Louis MO-IL	111	18,989,006
Stockton CA	56	4,958,915
Syracuse NY	64	7,190,785
Tampa-St. Petersburg-Clearwater FL	139	21,379,545
Toledo OH	42	3,400,050
Tucson AZ	57	5,666,648
Tulsa OK	34	6,016,215
Virginia Beach-Norfolk-Newport News VA-NC	178	13,585,691
Washington-Arlington-Alexandria DC-VA-MD-WV	933	205,848,646
Wichita KS	21	2,900,383
Worcester MA	41	4,617,694
Youngstown-Warren-Boardman OH-PA	18	1,513,366

Appendix F. ENERGY STAR Certified Buildings and Square Footage by Type

Building Type	Cumulative certified through 2013	
	Buildings	Square Footage
Bank Branch	429	40,254,097
Courthouse	147	34,040,006
Data Center	54	6,839,884
Distribution Center	17	6,713,928
Financial Office	22	17,060,595
Hospital (General Medical & Surgical)	194	132,988,049
Hotel	476	75,260,168
K-12 School	7,321	730,600,932
Medical Office	200	20,436,256
Mixed Use	38	12,866,951
Non-Refrigerated Warehouse	272	72,149,578
Office	7,607	1,839,720,497
Refrigerated Warehouse	10	2,535,715
Residence Hall/Dormitory	139	9,520,473
Retail Store	3,493	308,078,714
Senior Care Community	86	6,123,974
Supermarket/Grocery Store	2,437	125,176,399
Worship Facility	42	1,084,547
Total	22,984	3,441,450,763

Appendix G. ENERGY STAR Certified Plants by State

State	Cumulative certified through 2013	
	Plants	
Alabama	6	
Arizona	2	
California	11	
Colorado	1	
Delaware	1	
Florida	4	
Georgia	4	
Idaho	2	
Illinois	3	
Indiana	7	
Iowa	4	
Kansas	1	
Kentucky	5	
Louisiana	3	
Maine	1	
Maryland	1	
Massachusetts	2	
Michigan	3	
Minnesota	4	
Mississippi	2	
Missouri	6	
Montana	2	
Nebraska	2	
New Jersey	1	
New Mexico	1	
New York	1	
North Carolina	2	
North Dakota	1	
Ohio	7	
Oklahoma	3	
Oregon	3	
Pennsylvania	2	
Puerto Rico	2	
South Carolina	1	
South Dakota	1	
Tennessee	5	
Texas	8	
Utah	2	
Virginia	2	
Washington	9	
Wisconsin	3	

Appendix H. ENERGY STAR Certified Plants by Type

Plant Type	Cumulative certified through 2013	
	Plants	
Petroleum Refining	10	
Juice Processing	1	
Wet Corn Milling	7	
Frozen Fried Potato Processing	13	
Cement Manufacturing	45	
Automobile Assembly	22	
Pharmaceutical Manufacturing	8	
Cookie and Cracker Baking	18	
Container Glass	7	
Total	131	

Appendix I. Designed to Earn the ENERGY STAR Projects by State

State	Cumulative through 2013
	Designed to Earn the ENERGY STAR Projects
Alabama	3
Arkansas	4
Arizona	7
California	38
Colorado	25
Connecticut	8
District of Columbia (D.C.)	3
Delaware	1
Florida	15
Georgia	20
Iowa	5
Idaho	1
Illinois	19
Indiana	17
Kansas	5
Kentucky	36
Louisiana	6
Massachusetts	10
Maryland	6
Michigan	12
Minnesota	4
Missouri	3
Mississippi	2
Montana	1
North Carolina	41
North Dakota	2
Nebraska	5
New Hampshire	2
New Jersey	3
New Mexico	12
Nevada	7
New York	9
Ohio	65
Oklahoma	4
Oregon	8
Pennsylvania	12
Rhode Island	1
South Carolina	13
South Dakota	1
Tennessee	19
Texas	50
Utah	2
Virginia	29
Washington	25
Wisconsin	11
Wyoming	3

Appendix J. Designed to Earn the ENERGY STAR Projects by Type

Property Type	Cumulative through 2013
	Designed to Earn the ENERGY STAR Projects
Bank/Financial Institution	5
Courthouse	6
Hospital (Acute Care or Children's)	6
Hotel	3
House of Worship	1
Data Center	6
K-12 School	183
Medical Office	5
Office	144
Residence Hall/Dormitory	13
Retail	96
Supermarket/Grocery	101
Warehouse	6