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ENERGY STAR® Snapshot:

Measuring Progress in the Commercial and Industrial Sectors

Spring 2012

Snapshot data runs through December 31, 2011.

The ENERGY STAR Snapshot provides an at-a-glance summary of the latest national ENERGY STAR metrics to help you, our partners, see the impact of your efforts. The ENERGY STAR Snapshot is distributed twice a year and provides:

- Trends in energy benchmarking of commercial and industrial buildings.
- State-by-state activity along with activity for the top Designated Market Areas.
- Industrial sector participation in ENERGY STAR.
- Trends in ENERGY STAR certified commercial and industrial facilities.

Summary

By the end of calendar year 2011, commercial and industrial organizations exceeded figures for benchmarking and certification that were achieved in 2010. Since June, 2011:

- The number of buildings using Portfolio Manager to measure and track their energy performance has grown to more than 260,000 representing over 28 billion square feet (up from 230,000 buildings representing 24 billion square feet in June, 2011).
- More than 200,000 buildings have earned a 1-100 ENERGY STAR performance score, accounting for more than 23 billion square feet (up from roughly 180,000 buildings and 20.8 billion square feet in June, 2011).
- More than 60,000 buildings for which no 1-100 ENERGY STAR energy performance scale is available benchmarked their energy performance using other metrics available in Portfolio Manager. These buildings account for more than 5 billion square feet (up from roughly 48,000 buildings and 3.6 billion square feet in June, 2011).
- More than 7,500 buildings earned EPA's ENERGY STAR in 2011, a 20% increase over 2010, and the most in any one year in ENERGY STAR's history.
- A total of 93 ENERGY STAR Leader recognitions were awarded in 2011, the same as the number awarded in 2010. A total of 211 partners have achieved Leaders recognition through December 2011, up from 182 as of June, 2011, and 150 as of December 2010.



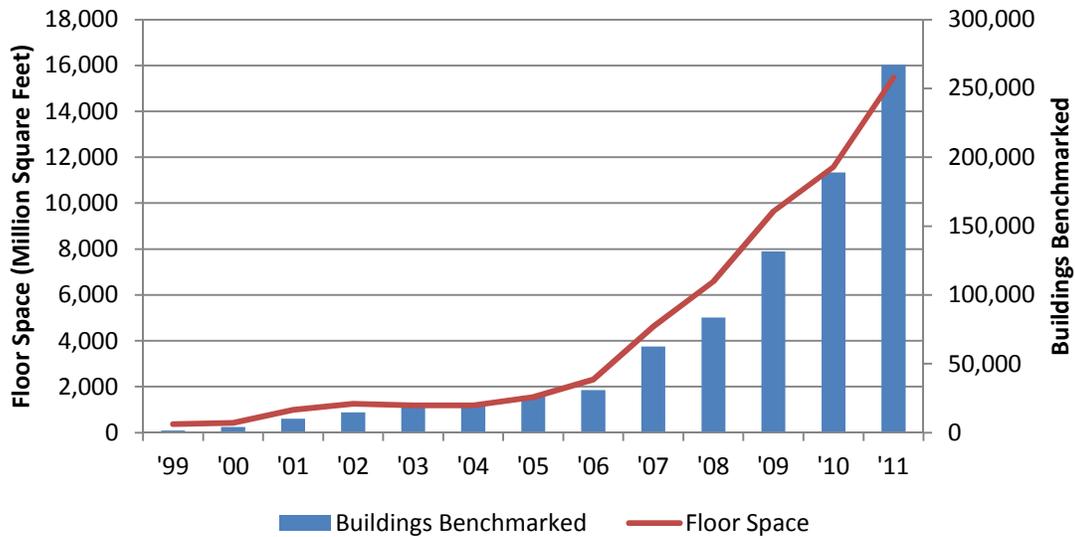
Trends in Measuring Building Energy Performance

⇒ Energy Use Benchmarking Becoming Established Business Practice

Benchmarking energy use is a first step to assess energy performance and to measure ongoing progress. EPA’s online tool, Portfolio Manager, enables building owners and managers to assess and track this performance over time as well as target investments in energy efficiency.

- The energy performance of more than 260,000 buildings – representing over 28 billion square feet, or nearly 40% of the total market – has been assessed using EPA’s ENERGY STAR Portfolio Manager.
- More than 200,000 buildings have received an ENERGY STAR energy performance score, accounting for more than 23 billion square feet.
- More than 60,000 buildings for which no 1-100 ENERGY STAR energy performance scale is available benchmarked their energy performance using other metrics available in Portfolio Manager. Those building types with greatest representation include fire and police stations, multifamily housing, fast food restaurants, and colleges/universities.

Annual Number and Square Footage of Buildings Benchmarked*
(through December 31, 2011)



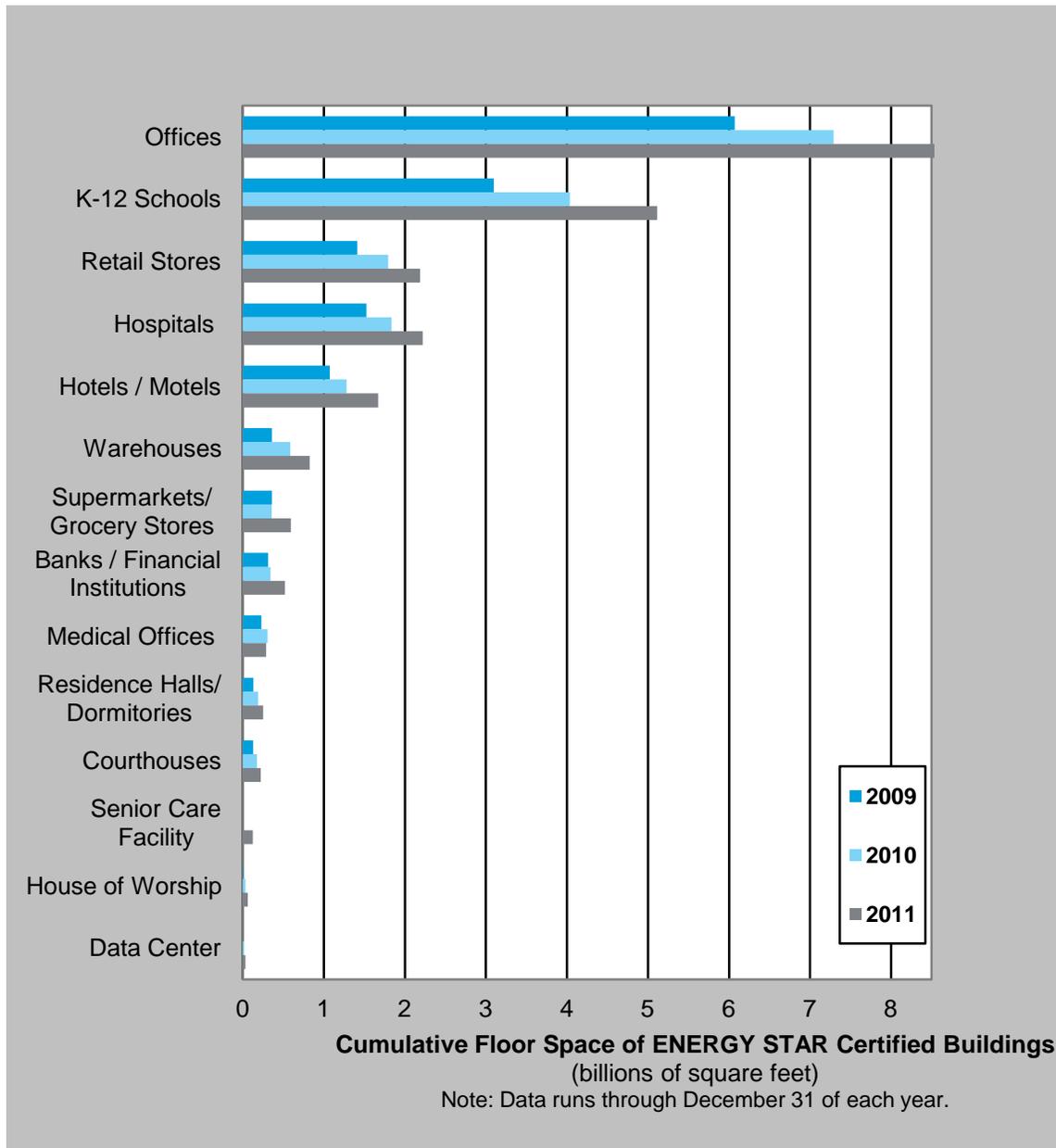
* The count and square footage of buildings that can receive a 1 to 100 ENERGY STAR score is recorded from 1999 to the present. From 2009 and forward, metrics for which no 1-100 ENERGY STAR energy performance scale is available were also recorded in the above.



⇒ Growth in Energy Use Benchmarking by Building Type

- With the addition of data centers and senior care facilities in 2010, 14 building types can now assess their energy performance using EPA's 1-100 ENERGY STAR energy performance scale.
- Offices and schools continue to represent the greatest quantity of floor space benchmarked.

Cumulative Floor Space of Buildings Earning a 1-100 ENERGY STAR Energy Performance Score by Space Type, through 4th Quarter of 2009–2011



Note: ENERGY STAR energy performance scores became available for offices in 1999; K-12 schools in 2000; supermarkets/grocery stores, hotels, and hospitals in 2001; warehouses/storage buildings, residence halls, medical offices, bank branches, courthouses, and financial centers in 2004; retail space in 2007; house of worship in 2009; and data center and senior care in 2010.

Note: Bank branches and financial institutions were combined in 2007.



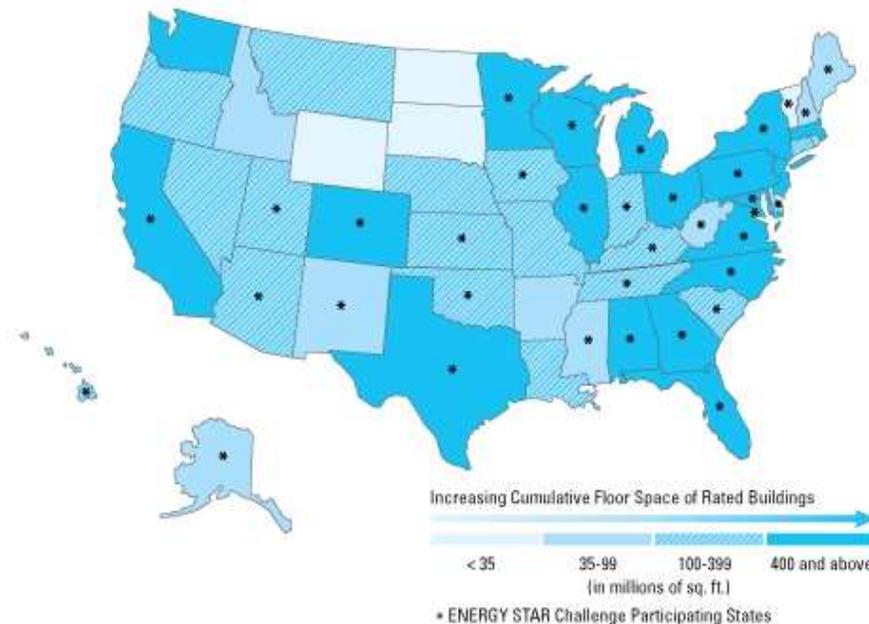
⇒ States Reflect Benchmarking Progress

State governments play an important role in the ENERGY STAR program. Many are taking important steps to protect the environment and lower energy costs and are increasingly leveraging EPA's ENERGY STAR resources to reduce energy use in their buildings. In addition, Federal agencies and state and local governments across the country are adopting policies that leverage ENERGY STAR tools to reduce energy use in commercial buildings, through both required policy measures and voluntary campaigns. More information can be found at http://www.energystar.gov/government.

The Top 10 States with the Largest Amount of Floor Space in Buildings that have Earned a 1-100 ENERGY STAR Energy Performance Score

State (2010 rank)	Cumulative Square Feet (in millions, rounded)	Percent Change from 6/30/11 (Cumulative Square Feet)
1. California (1)	2,539	16%
2. New York (2)	2,436	15%
3. Texas (3)	1,673	11%
4. Illinois (4)	1,272	6%
5. Florida (5)	957	11%
6. Pennsylvania (6)	894	15%
7. Ohio (7)	817	14%
8. Virginia (9)	696	7%
9. Michigan (10)	655	7%
10. Massachusetts (8)	639	3%

Floor Space of Buildings with an ENERGY STAR Energy Performance Score by State (through December 31, 2011)





⇒ ENERGY STAR Industrial Focus on Energy

Thirteen major industries, and ten sub-industries, participate in Industrial Focuses to pool ideas and work toward energy efficiency improvements. Industrial Focuses provide an opportunity for companies within a single manufacturing industry to network with peers and share industry-specific energy management tools and resources to create momentum for continued improvement. For more information on Industrial Focuses, go to www.energystar.gov/epis.

Focus	Peer Exchange Network	Industrial Energy Guide	Energy Performance Indicator	ENERGY STAR Certified
Cement Manufacturing	✓	Published	<ul style="list-style-type: none"> Released 2006 Updated 2011 	★
Concrete		Under review	<ul style="list-style-type: none"> In progress 	
Dairy <ul style="list-style-type: none"> Ice Cream Fluid Milk 			<ul style="list-style-type: none"> Draft under review Draft under review 	
Wet Corn Milling	✓	Published	<ul style="list-style-type: none"> Released 2006 Update in progress 	★
Food Processing <ul style="list-style-type: none"> Cookies & Crackers Juice Potato Products Tomato Products Dairy Processing 	✓	Published	<ul style="list-style-type: none"> Released 2011 Released 2009 Released 2009 Draft under review Draft under review 	★ ★
Glass Manufacturing <ul style="list-style-type: none"> Fiberglass Flat glass Container glass 	✓	Published	<ul style="list-style-type: none"> Draft under review Released 2009 Released 2009 	★ ★
Metal Casting	✓	Under Study	<ul style="list-style-type: none"> Exploring options 	
Motor Vehicle Manufacturing	✓	Published	<ul style="list-style-type: none"> Released 2006 Updated 2010 	★
Petrochemical Manufacturing	✓	Published	<ul style="list-style-type: none"> Draft under review 	
Petroleum Industry	✓	Published	<ul style="list-style-type: none"> Private system recognized by EPA 	★
Pharmaceuticals	✓	Published	<ul style="list-style-type: none"> Released 2010 	★
Pulp & Paper <ul style="list-style-type: none"> Pulp mill Integrated mill 	✓	Published	<ul style="list-style-type: none"> Released 2010 Published 2011 In progress 	
Steel <ul style="list-style-type: none"> Mini mills Integrated 	✓	In progress	<ul style="list-style-type: none"> In progress In progress 	
Water/ Wastewater	✓	In progress	<ul style="list-style-type: none"> Exploring options 	



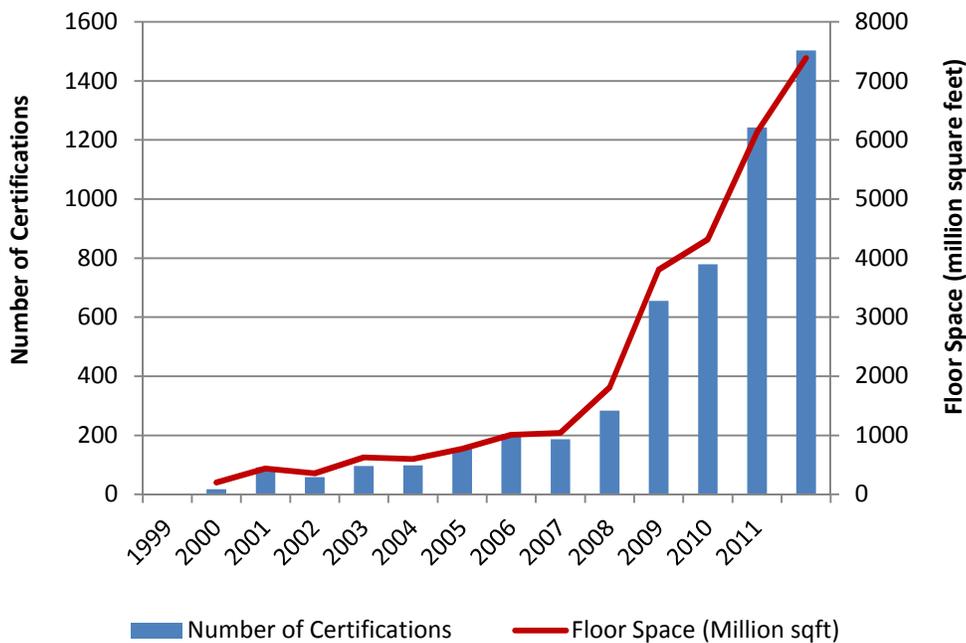
Earning the ENERGY STAR Certification

⇒ Recognition for Top Energy Performers

Buildings earn the ENERGY STAR by achieving a score of 75 or higher on EPA’s energy performance scale and meeting relevant requirements for indoor air quality. These buildings typically use about 35 percent less energy than average buildings. Through December, 2011, a cumulative total of:

- 16,484 buildings have earned the ENERGY STAR, representing more than 2.6 billion square feet.
- 110 plants have earned ENERGY STAR certification. This includes certification for 39 cement manufacturing, 17 cookie and cracker baking, 3 container glass, 17 automobile assembly, 8 petroleum refining, 7 pharmaceutical manufacturing, 12 frozen fried potato processing, and 7 wet corn milling plants.

Annual Number and Square Footage of ENERGY STAR Certified Commercial Buildings
(through December 31, 2011)



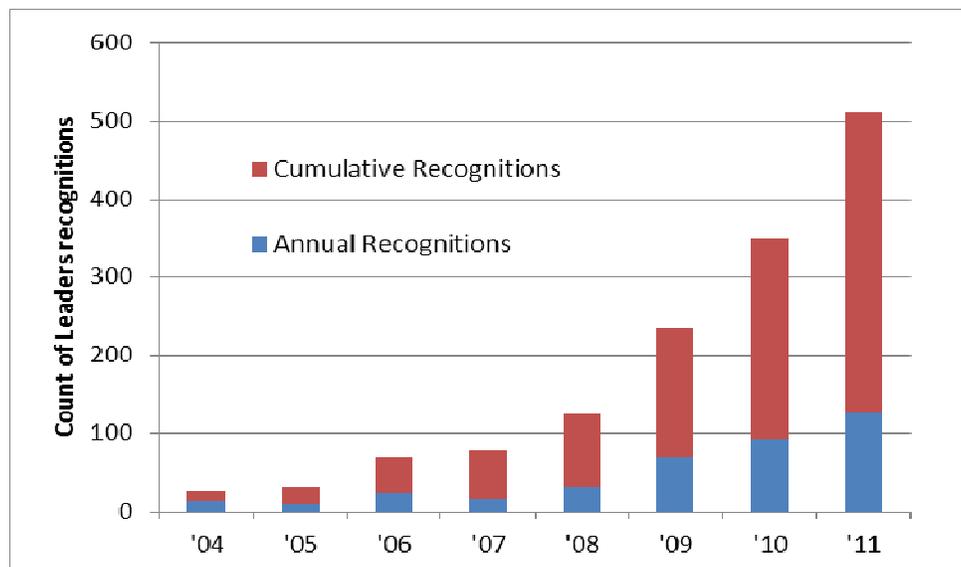


EPA Recognition for Organization-Wide Improvements

EPA recognizes organizations as ENERGY STAR Leaders when they achieve significant energy efficiency milestones across their entire portfolio of buildings. ENERGY STAR Leaders must meet one of two energy efficiency improvement milestones. The first milestone requires a 10 percent energy reduction across the organization’s entire building portfolio, with recognition also given at each additional 10 percent increment. The second milestone, known as “top performer”, requires the buildings in an organization’s portfolio, on average, to perform in the top 25 percent of similar buildings nationwide, as demonstrated by an average ENERGY STAR score of 75 or higher.

Since 2004, 211 organizations have been recognized as ENERGY STAR Leaders for making portfolio-wide improvements, and in some cases, achieving top performance, across their portfolios. In 2011, ENERGY STAR recognized the first to achieve a 60 percent portfolio-wide improvement milestone, the highest percent improvement earned to date.

Cumulative & Annual Number of ENERGY STAR Leaders since 2004
(through December 31, 2011)





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www.energystar.gov provides key energy efficiency information.

If you would like to partner with EPA to improve your energy efficiency, visit:

www.energystar.gov/joinbuildings.

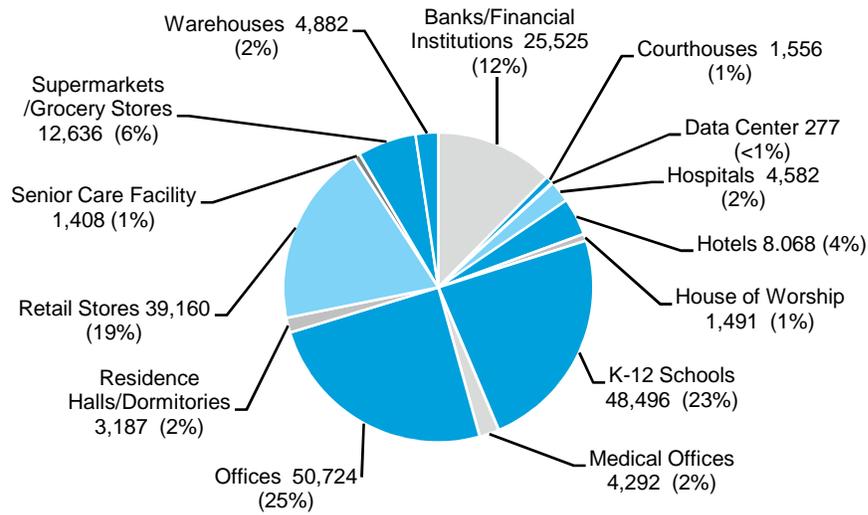
For more detailed information on benchmarking and certification activity, see the Snapshot Appendix. The Appendix includes information about buildings that can receive the ENERGY STAR 1-100 energy performance score, as well as ENERGY STAR certified buildings and plants, at the state and city levels.

Appendix

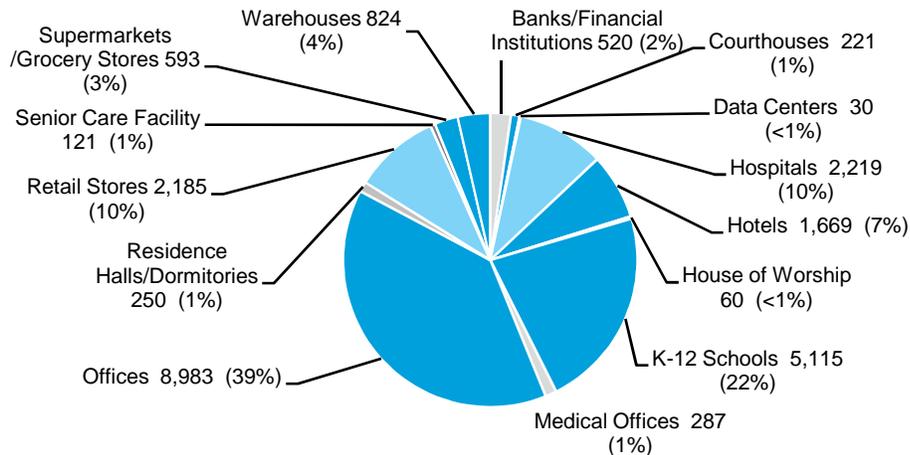
ENERGY STAR Snapshot: Measuring Success in the Commercial and Industrial Markets

I. ENERGY STAR Energy Performance Score Statistics - through 12/31/2011

Cumulative Number of Buildings to Earn a 1-100 ENERGY STAR Energy Performance Score Cumulative Total = 206,284



Cumulative Floor Space of Buildings to Earn a 1-100 ENERGY STAR Energy Performance Score Cumulative Total = 23,076 (millions of square feet)



Cumulative Number and Floor Space of Buildings with a Score, by EPA Region/State

	Cumulative Number of Buildings with a Score			Cumulative Floor Space of Buildings with a Score (square feet)		
	through 06/30/2011	through 12/31/2011	Percent Increase	through 06/30/2011	through 12/31/2011	Percent Increase
EPA Region 1						
Connecticut	2,407	2,729	13%	255,945,855	268,334,178	5%
Maine*	834	907	9%	60,376,215	63,653,428	5%
Massachusetts	4,588	4,858	6%	611,602,611	638,581,666	4%
New Hampshire*	1,307	1,446	11%	85,351,973	91,814,329	8%
Rhode Island	623	686	10%	60,293,074	64,494,857	7%
Vermont*	434	468	8%	29,890,419	33,330,813	12%
Total - Region 1	10,193	11,094	9%	1,103,460,147	1,160,209,271	5%
EPA Region 2						
New Jersey	4,774	5,591	17%	476,610,911	531,487,763	12%
New York*	11,767	14,078	20%	2,124,182,934	2,436,390,475	15%
Puerto Rico	188	199	6%	16,799,547	18,642,106	11%
Virgin Islands of the U.S.	18	29	61%	2,833,441	3,971,482	40%
Total - Region 2	16,747	19,897	19%	2,620,426,834	2,990,491,827	14%
EPA Region 3						
Delaware*	521	629	21%	49,181,997	54,448,226	11%
District of Columbia (D.C.)*	1,433	1,563	9%	387,842,254	406,674,260	5%
Maryland*	3,335	3,953	19%	501,022,169	577,136,453	15%
Pennsylvania*	7,527	9,216	22%	780,702,616	894,010,003	15%
Virginia*	5,701	6,317	11%	651,568,985	696,172,739	7%
West Virginia*	797	943	18%	56,821,484	66,901,420	18%
Total - Region 3	19,314	22,621	17%	2,427,139,506	2,695,434,101	11%
EPA Region 4						
Alabama*	1,899	2,072	9%	147,368,346	154,260,101	5%
Florida*	8,856	9,872	11%	861,078,599	957,203,902	11%
Georgia*	4,779	5,121	7%	550,813,110	575,162,059	4%
Kentucky*	2,523	2,852	13%	208,276,806	222,532,801	7%
Mississippi*	801	856	7%	70,246,772	74,035,570	5%
North Carolina*	5,413	5,858	8%	436,165,296	471,770,018	8%
South Carolina*	1,985	2,270	14%	129,321,348	150,968,693	17%
Tennessee*	2,670	2,880	8%	280,121,342	306,872,259	10%
Total - Region 4	28,926	31,781	10%	2,683,391,618	2,912,805,402	9%
EPA Region 5						
Illinois*	7,746	8,352	8%	1,196,587,189	1,271,577,290	6%
Indiana*	3,020	3,397	12%	325,641,832	345,803,292	6%
Michigan*	5,734	6,504	13%	618,318,130	655,301,529	6%
Minnesota*	4,723	5,146	9%	564,242,915	605,471,226	7%
Ohio*	5,816	7,251	25%	719,443,307	816,969,611	14%
Wisconsin*	4,543	4,873	7%	486,290,655	519,666,952	7%
Total - Region 5	31,582	35,523	12%	3,910,524,028	4,214,789,899	8%
EPA Region 6						
Arkansas	1,237	1,331	8%	77,151,887	86,144,004	12%
Louisiana	1,457	1,540	6%	150,427,404	155,690,072	3%
New Mexico*	1,249	1,403	12%	85,015,786	93,893,453	10%

	Cumulative Number of Buildings with a Score			Cumulative Floor Space of Buildings with a Score (square feet)		
	through 06/30/2011	through 12/31/2011	Percent Increase	through 06/30/2011	through 12/31/2011	Percent Increase
Oklahoma	1,134	1,389	22%	89,779,078	113,002,610	26%
Texas*	13,478	14,822	10%	1,513,074,648	1,672,685,935	11%
Total - Region 6	18,555	20,485	10%	1,915,448,801	2,121,416,072	11%
EPA Region 7						
Iowa	1,747	2,039	17%	148,318,722	168,292,982	13%
Kansas*	1,840	2,100	14%	161,276,356	183,882,608	14%
Missouri	2,998	3,220	7%	329,297,575	347,777,933	6%
Nebraska	1,139	1,482	30%	102,211,895	121,184,553	19%
Total - Region 7	7,724	8,841	14%	741,104,547	821,138,075	11%
EPA Region 8						
Colorado	4,278	4,608	8%	404,750,510	424,092,050	5%
Montana	766	798	4%	101,751,961	104,129,812	2%
North Dakota	318	341	7%	17,748,886	19,037,486	7%
South Dakota	363	385	6%	21,055,071	23,864,793	13%
Utah*	1,792	1,888	5%	143,385,259	149,899,767	5%
Wyoming	313	341	9%	18,966,730	20,965,466	11%
Total - Region 8	7,830	8,361	7%	707,658,417	741,989,374	5%
EPA Region 9						
American Samoa	--	--	--	--	--	--
Arizona*	3,145	3,326	6%	291,636,829	309,860,563	6%
California*	21,311	23,897	12%	2,194,034,186	2,539,471,021	16%
Guam	19	22	16%	4,177,588	4,427,212	6%
Hawaii*	645	769	19%	111,267,234	127,469,818	15%
Navajo Nation	3	3	0%	166,261	166,261	0%
Nevada	2,051	2,150	5%	190,280,305	204,679,122	8%
Northern Mariana (Historical)	1	2	100%	1,625,483	1,941,491	19%
Northern Mariana Islands	1	2	100%	17,000	137,351	708%
Pacific Islands	10	10	0%	1,141,514	1,141,514	0%
Trust Territories	5	4	-20%	537,886	487,886	-9%
U.S. Minor Outlying Islands	5	5	0%	412,030	412,030	0%
Wake Island	7	8	14%	751,054	781,526	4%
Total - Region 9	27,203	30,198	11%	2,796,047,371	3,190,975,796	14%
EPA Region 10						
Alaska*	596	650	9%	35,163,146	40,197,936	14%
Idaho	886	951	7%	47,749,667	51,110,452	7%
Oregon	2,858	3,430	20%	233,787,429	271,666,993	16%
Washington	4,994	5,830	17%	473,817,109	572,957,545	21%
Total - Region 10	9,334	10,861	16%	790,517,350	935,932,926	18%
Total – EPA Region 0**	6,151	6,622	8%	998,081,265	1,291,695,752	29%
Total - All EPA Regions	183,559	206,284	12%	18,365,275,447	23,076,787,495	26%

*ENERGY STAR Challenge states

** Reflects non-US or US territory buildings benchmarking in Portfolio Manager.

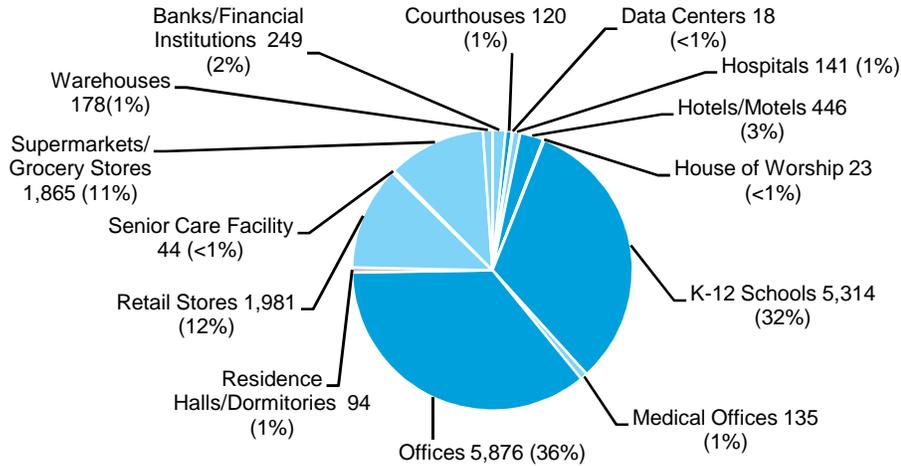
Cumulative Number and Floor Space of Buildings with a Score, by Designated Market Area

Designated Market Area (By Rank)		Cumulative through 2010		Cumulative through 2011		Percent Increase (Cumulative 2010 to Cumulative 2011)		Year to Date 2011	
Rank	DMA	Number of Buildings	Floor Space	Number of Buildings	Floor Space	Number of Buildings	Floor Space	Number of Buildings	Floor Space
1	New York	9,739	1,722,538,018	13,752	2,369,955,785	29%	38%	8,330	1,324,416,279
2	Los Angeles	6,784	790,414,593	8,937	1,034,727,619	24%	31%	5,386	601,402,658
3	Chicago	5,988	1,030,791,087	6,897	1,163,662,627	13%	13%	3,325	543,932,454
4	Philadelphia	4,252	514,881,008	5,974	635,786,285	29%	23%	3,381	310,680,627
5	Dallas-Ft. Worth	3,617	480,087,667	4,711	575,415,172	23%	20%	2,154	254,903,380
6	San Francisco-Oakland-San Jose	5,044	604,084,509	6,407	829,337,063	21%	37%	3,879	489,127,283
7	Boston (Manchester)	4,240	554,926,017	4,984	618,671,616	15%	11%	2,060	247,326,200
8	Atlanta	2,808	401,447,777	3,789	470,746,823	26%	17%	2,199	252,682,829
9	Washington, DC (Hagerstown)	5,022	913,999,626	6,266	1,069,404,144	20%	17%	3,585	516,879,073
10	Houston	2,712	414,345,926	3,745	516,987,112	28%	25%	1,954	271,654,419
11	Detroit	2,425	311,693,470	3,149	362,803,673	23%	16%	1,547	161,393,543
12	Phoenix (Prescott)	2,083	206,854,976	2,584	247,217,913	19%	20%	1,290	122,283,737
13	Tampa-St. Petersburg (Sarasota)	1,596	140,004,268	2,472	210,931,246	35%	51%	1,359	120,955,873
14	Seattle-Tacoma	3,257	333,592,468	4,543	476,821,257	28%	43%	2,667	283,915,670
15	Minneapolis-St. Paul	2,820	397,794,888	4,310	544,170,656	35%	37%	2,501	300,288,088
16	Miami-Ft. Lauderdale	1,599	188,522,429	1,871	223,971,939	15%	19%	779	90,461,030
17	Cleveland-Akron (Canton)	1,600	218,041,730	2,330	263,081,954	31%	21%	1,447	126,944,447
18	Denver	2,870	298,835,822	3,740	361,174,921	23%	21%	1,872	177,000,354
19	Orlando-Daytona Beach-Melbourne	1,864	219,816,863	2,338	261,538,939	20%	19%	1,267	122,889,147
20	Sacramento-Stockton-Modesto	2,160	186,856,974	2,731	229,445,263	21%	23%	1,594	129,620,613
21	St. Louis	1,279	164,173,427	1,663	186,908,871	23%	14%	813	75,613,450
22	Pittsburgh	1,142	152,384,860	1,732	180,393,142	34%	18%	1,062	82,924,455
23	Portland, OR	2,049	193,497,518	3,027	249,739,690	32%	29%	1,888	141,687,781
24	Baltimore	1,442	240,373,797	2,090	334,840,569	45%	39%	1,200	155,660,228
25	Charlotte	1,594	176,904,710	2,149	214,162,868	35%	21%	1,419	121,901,224
	Other Localities								
	Albuquerque	338	39,262,948	490	48,472,095	45%	23%	252	21,577,206
	Kansas City	1,287	159,609,849	1,789	197,839,277	39%	24%	907	85,854,833
	Louisville	447	57,538,043	616	67,127,184	38%	17%	389	35,674,064

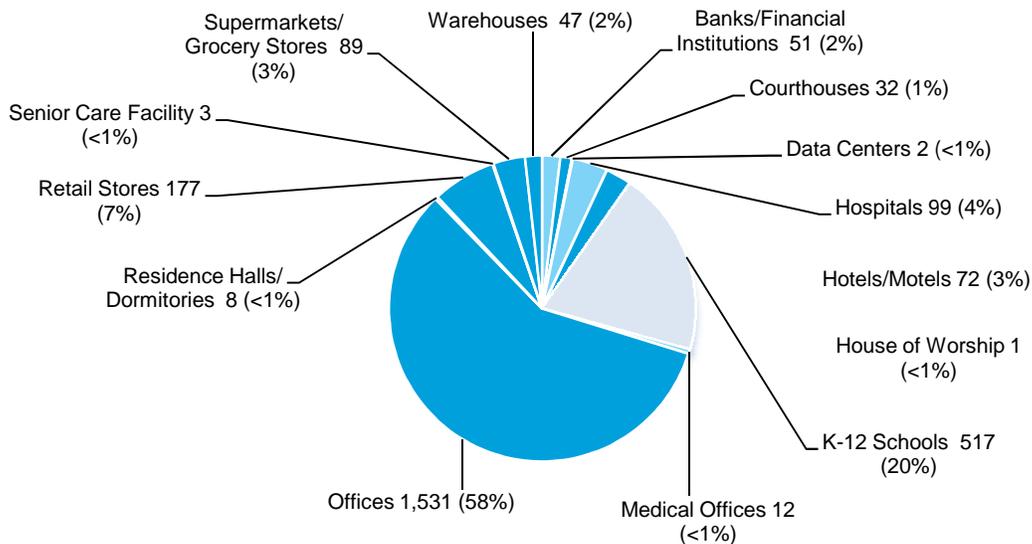
II. ENERGY STAR Certification Statistics

A. ENERGY STAR Certified Buildings - through 12/31/2011

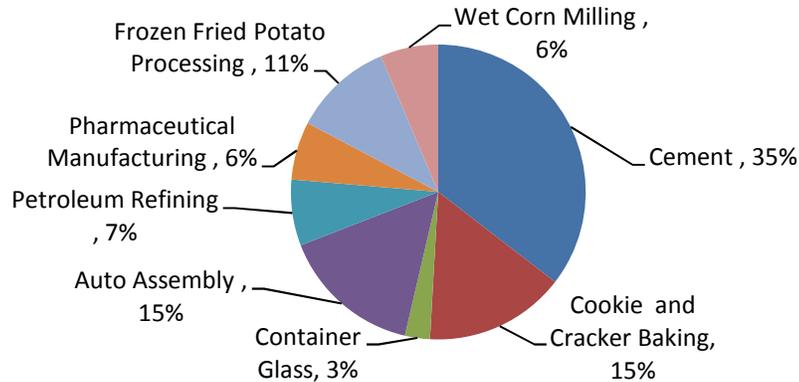
Cumulative Number of Certified Buildings Cumulative Total = 16,484



Cumulative Floor Space of Certified Buildings Cumulative Total = 2,641 (millions of square feet)



B. Percent ENERGY STAR Certified Plants by Industry through 12/31/11



Cumulative Number of ENERGY STAR Certified Plants, by EPA Region/State

States not listed do not yet have any plants that have earned ENERGY STAR certification.

	through 6/30/11	through 12/31/11
EPA Region 1		
Massachusetts	2	2
Maine	1	1
Total - Region 1	3	3
EPA Region 2		
New York*	1	1
Puerto Rico	1	1
Total - Region 2	2	2
EPA Region 3		
Delaware*	1	1
Pennsylvania*	2	2
Virginia*	2	2
Total - Region 3	5	5
EPA Region 4		
Alabama*	5	5
Florida*	2	3
Georgia*	4	4
Kentucky*	5	5
Mississippi*	1	1
Tennessee*	4	5
North Carolina*	2	1
South Carolina*	1	2
Total - Region 4	24	26
EPA Region 5		
Illinois*	3	3
Indiana*	5	5
Michigan*	2	3
Minnesota*	3	3
Ohio*	6	6
Wisconsin*	1	1
Total - Region 5	20	21

	through 6/30/11	through 12/31/11
EPA Region 6		
Louisiana	3	3
New Mexico*	1	1
Texas*	6	7
Oklahoma	1	2
Total - Region 6	11	13
EPA Region 7		
Nebraska	2	2
Iowa	4	4
Kansas*	1	1
Missouri	6	6
Total - Region 7	13	13
EPA Region 8		
Colorado	0	1
Montana	1	2
North Dakota	2	1
South Dakota	0	1
Utah*	2	2
Total - Region 8	5	7
EPA Region 9		
Arizona*	1	1
California*	8	9
Total - Region 9	9	10
EPA Region 10		
Idaho	2	2
Washington	6	6
Oregon	2	3
Total - Region 10	10	11
Total - All Regions	102	110