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# ENERGY STAR® Snapshot:

## Measuring Progress in the Commercial and Industrial Sectors

### Spring 2009

#### Introduction

In 2008, leading commercial and industrial organizations outpaced their 2007 efforts to improve energy efficiency and reduce greenhouse gas emissions. Rating activity continued to be strong, particularly for offices and schools; and new organizations partnering with ENERGY STAR nearly tripled. Recognition for improvement and top performance grew significantly in 2008. Almost 3,300 buildings earned the ENERGY STAR, bringing the overall total to more than 6,200 facilities representing over 1 billion square feet. Twenty-seven partners reduced overall energy use to be designated as an ENERGY STAR Leader, 14 for the first time. By the end of the year, a total of 65 partners had demonstrated reaching such milestones.

The ENERGY STAR Snapshot provides an at-a-glance summary of the key performance indicators behind these impressive results. The Snapshot reports the latest national ENERGY STAR metrics to help you, our partners, see the impact of your efforts, and track:

- Trends in the energy performance rating of commercial and institutional buildings
- State-by-state activity along with activity for the top 25 Designated Market Areas
- Industrial sector participation in ENERGY STAR
- Trends in ENERGY STAR certification for commercial and industrial facilities

The ENERGY STAR Snapshot is distributed twice a year — look for the next issue this fall.

*Note: All Spring 2009 Snapshot data runs through December 31, 2008.*



## Trends in Measuring Building Energy Performance

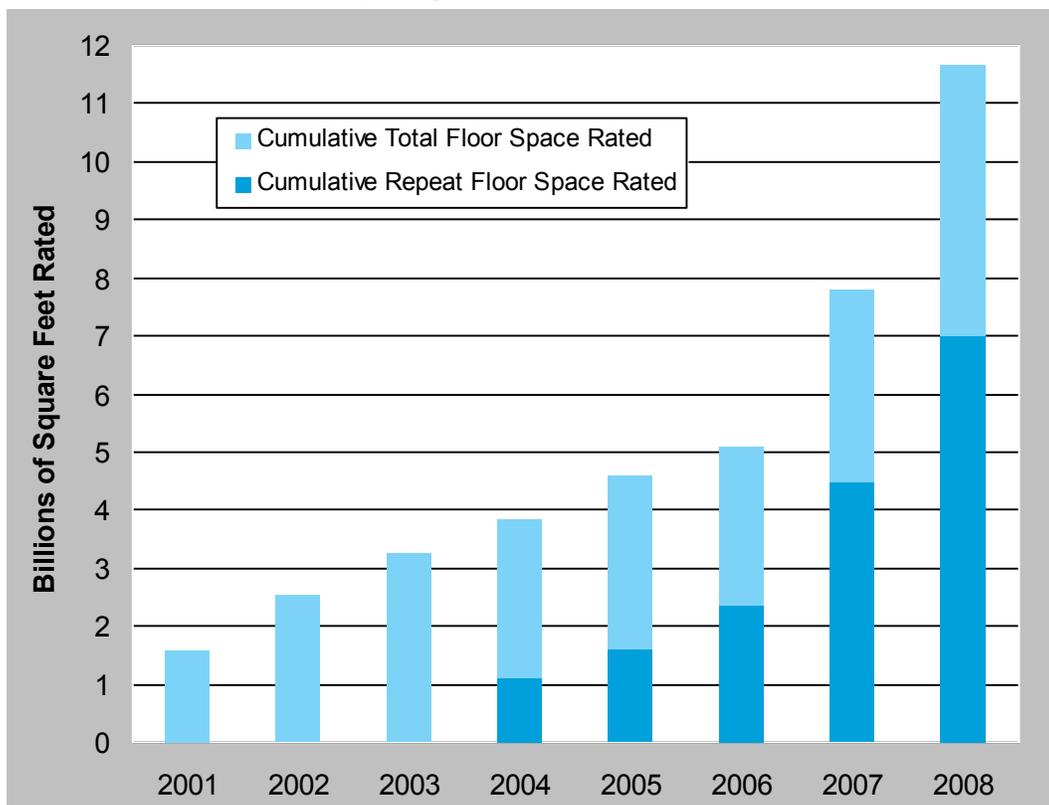
### ⇒ Energy Use Benchmarking Gains Momentum

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 rate their individual commercial buildings on a scale of 1 to 100 against similar buildings, track energy performance over time, and target investments in energy efficiency.

States and local government agencies, professional associations, and vendors continue to offer training, expertise, and networking opportunities to make benchmarking buildings easier for their constituents, and they are tapping into ENERGY STAR to accomplish this task.

This partnership has resulted in continued growth across the country (see figure below), reflecting a 50 percent increase in rated floor space from over 7.5 billion square feet in 2007 to more than 11.5 billion square feet in 2008. About 60 percent of this space is being repeatedly rated for its energy use, which indicates that regular assessment is becoming a standard practice for many.

**Building Rating Activity**  
(through December 31, 2008)



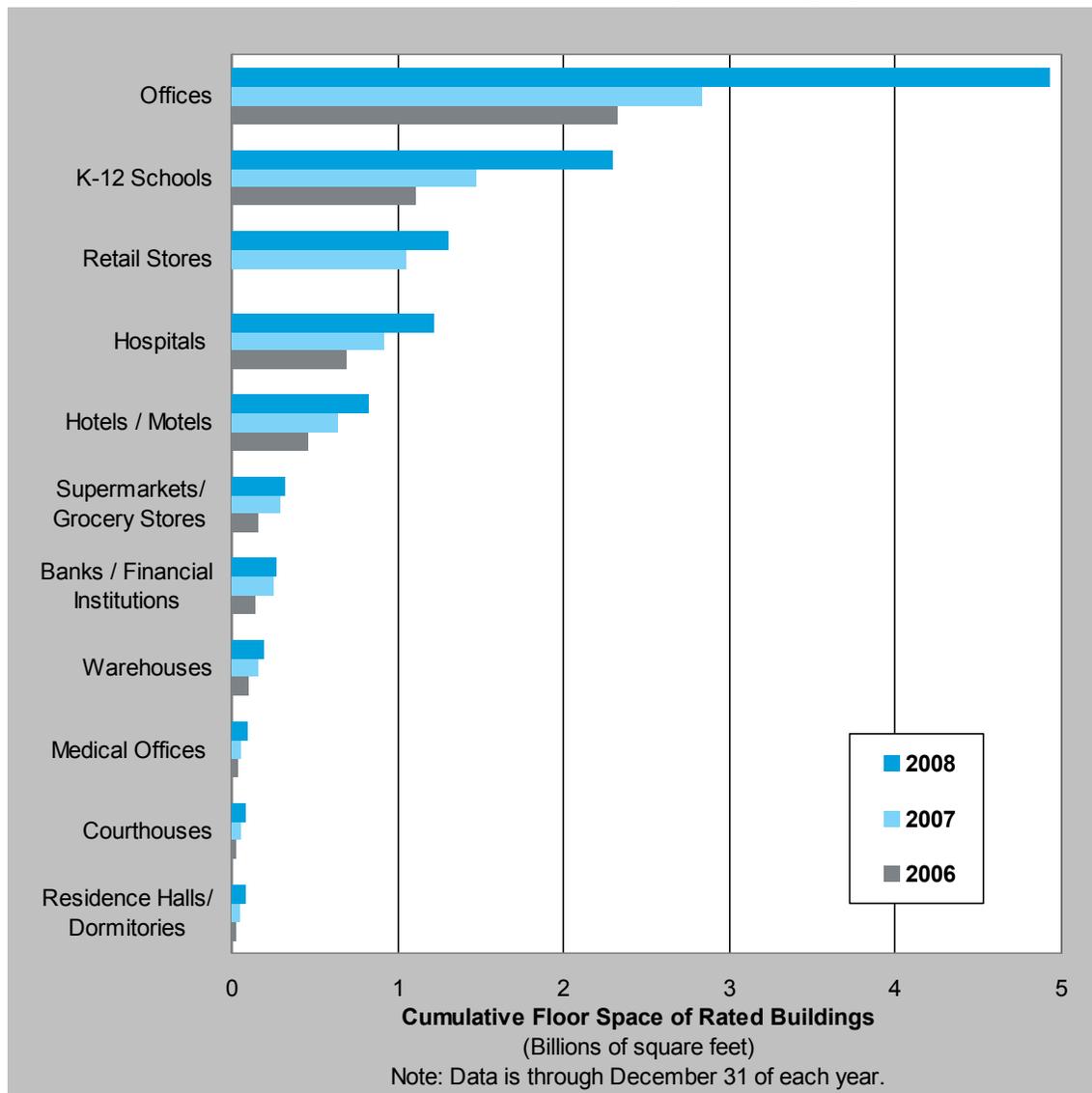
To track your building's energy performance, go to [www.energystar.gov/benchmark](http://www.energystar.gov/benchmark).



### ⇒ Growth in Energy Use Benchmarking by Building Type

EPA's energy performance rating system is now available for eleven specific building space types that account for around 60 percent of the carbon emissions that result from commercial buildings. By building type, offices and schools experienced the largest increases in benchmarking in 2008. Offices close to doubled the number and floor space rated; rated schools increased by almost 80 percent with floor space almost doubling.

#### Increase in Rated Floor Space by Building Type



Note: Ratings were available only for offices in 1999. They became available for 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; and retail space in 2007. Note: Bank branches and financial institutions were combined in 2007.



### ⇒ States Reflect Benchmarking Progress

State governments play an important role in ENERGY STAR. Nine of the top 10 states that lead the nation in energy benchmarking are tapping into ENERGY STAR as a call to action and a platform for solutions. California continued to be the top state with the most rated buildings and floor space. Illinois, Ohio, and New York achieved the largest increases in rated floor space in 2008 (additional state data can be found in the appendix beginning on page 14).

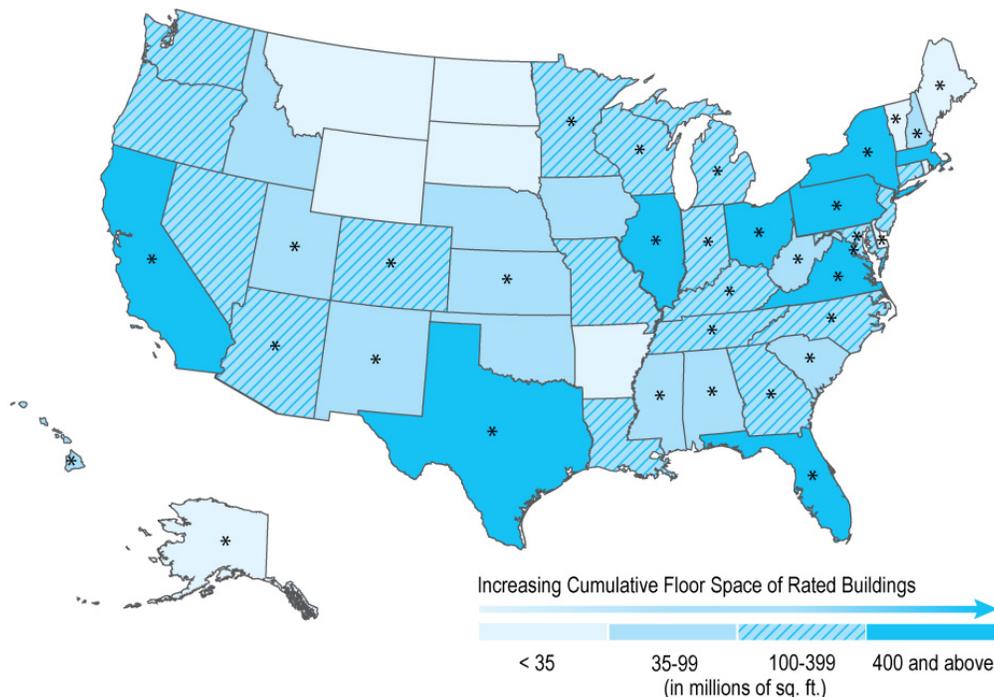
### The Top 10 States with the Largest Amount of Rated Floor Space:

(\* denotes ENERGY STAR Challenge participants)

State (2007 rank)	Cumulative Square Feet Rated (in millions, rounded)	Percent Increase in Cumulative Square Feet Rated (from the total through 12/31/07 to the total through 12/31/08)
1. California* (1)	1,246	39%
2. New York* (3)	1,075	71%
3. Texas* (2)	1,040	40%
4. Illinois* (4)	686	73%
5. Florida* (5)	512	42%
6. Pennsylvania* (7)	432	52%
7. Virginia* (8)	423	62%
8. Massachusetts (6)	417	39%
9. Ohio* (13)	388	72%
10. Michigan* (9)	342	43%

### Building Rating Activity by State

(through December 31, 2008)



\* ENERGY STAR Challenge Participating States



### ⇒ ENERGY STAR Industrial Focus on Energy

Ten major 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. The goal of each industrial focus is to:

- Improve energy efficiency of the industry
- Create momentum for continued improvement
- Provide energy guides to uncover energy efficiency opportunities
- Encourage sharing of ideas
- Develop an energy performance indicator to evaluate the energy efficiency of their plants relative to the typical efficiency levels of their industry and to recognize the high performers with the ENERGY STAR label.

Focus	Years Active	Industry Participation <sup>1</sup>	Energy Performance Indicator	Fuel and Electricity Costs (in Millions) <sup>2,3</sup>
Cement Manufacturing	5	50% of U.S.-based clinker <sup>4</sup> production capacity	Final	\$1,400
Corn Refining	6	95% of U.S.-based refining capacity	Final	\$950
Food Processing	4	80% of U.S. processed fruit, vegetable, and grain sales	In process	\$1,300
Glass Manufacturing	4	50% of U.S. flat, container, and fiberglass sales	In process	\$1,200
Motor Vehicle Manufacturing	7	75% of the industry with U.S.-based production.	Final	\$1,000
Petrochemical Manufacturing	2	83% of U.S. ethylene production capacity	In process	\$11,600 <sup>5</sup>
Petroleum Industry	4	64% of U.S.-based refining capacity	Private system recognized by EPA	\$11,200
Pharmaceuticals	4	Over 50% of the global and U.S. manufacturing capacity	Final	\$800
Pulp & Paper	2	70% of U.S.-based companies' global sales	Exploring options	\$7,200
Steel	1	95% of U.S. production from integrated mills	Exploring options	\$6,197 <sup>6</sup>

(1) "Industry Participation" refers to the extent of participation of an industry in a focus.  
 (2) "Fuel and electricity costs" refers to the cost paid by each industry for fuel and electricity.  
 (3) Source: "Statistics for Industry Groups and Industries: 2005" Annual Survey of Manufacturers. Table 4. U.S. Census Bureau. November 2006.  
 (4) Clinker is the output from a cement kiln.  
 (5) Source: "Statistics for Industry Groups and Industries: 2004" Annual Survey of Manufacturers. Table 4. U.S. Census Bureau. December 2005.  
 (6) Source: 2006 Annual Survey of Manufacturers. U.S. Census Bureau. December 2006.

For more information on Industrial Focuses, go to [www.energystar.gov/epis](http://www.energystar.gov/epis).



## Earning the ENERGY STAR Label for High Performance

### ⇒ Gains Continue for Top Performing Buildings

Buildings earn the ENERGY STAR by achieving a score of 75 or higher on EPA’s energy performance rating system and meeting relevant requirements for indoor air quality. These buildings typically use 35 percent less energy than average buildings.

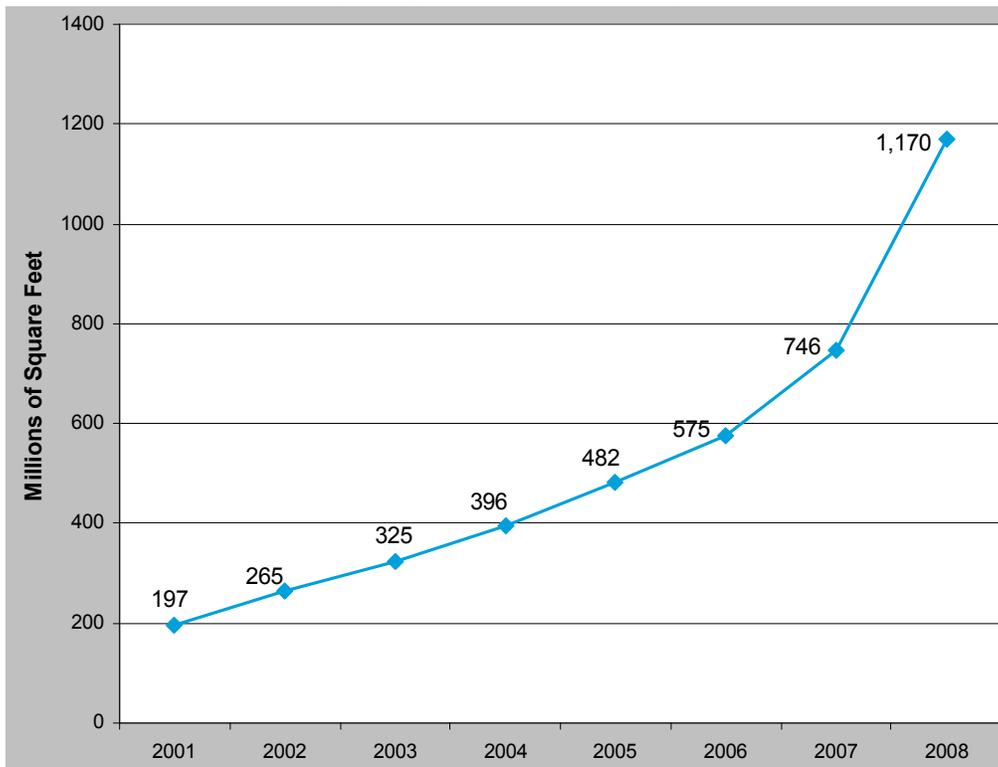
More than 6,200 top performing buildings earned the ENERGY STAR through 2008 for being energy all-stars. Total labeled floor space went over 1 billion square feet for the first time, an increase of more than 55 percent over 2007.

Forty-five plants have also qualified for the ENERGY STAR since that recognition became available in 2006. They include 15 auto assembly plants, 19 cement plants, 3 wet corn milling plants, and 8 oil refineries.

Through 2008, labeled buildings and plants reflected an overall annual utility savings of more than \$1.7 billion and prevented greenhouse gas emissions equivalent to those of more than 2 million cars a year.

Total ENERGY STAR Labeled Buildings	6,205
Total ENERGY STAR Labeled Plants	45
<i>Note: Numbers are cumulative through December 31, 2008</i>	

**Cumulative Floor Space of Labeled Buildings**  
(through December 31, 2008)





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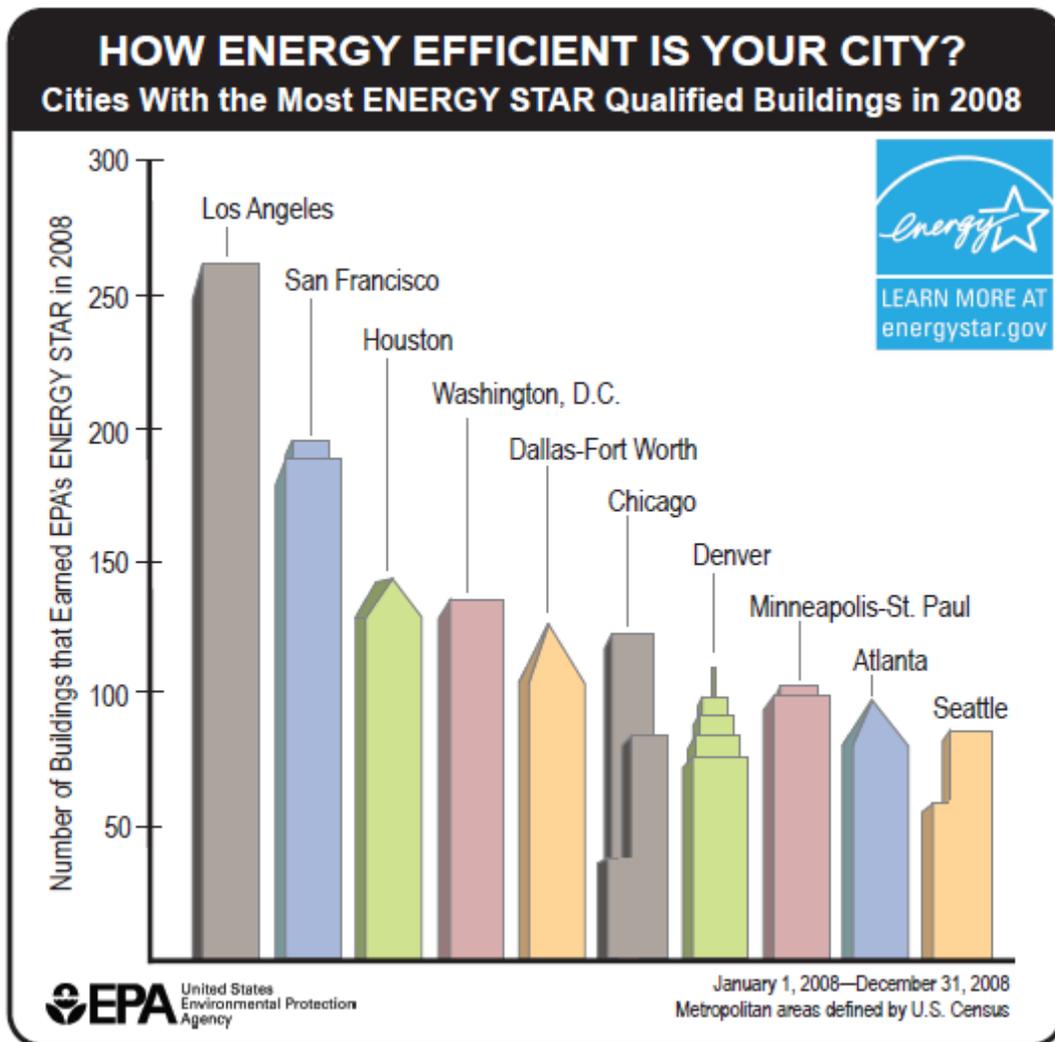
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### ⇒ Cities Earn Top Honors for Labeling Achievements

In the year 2008 alone, almost 3,300 buildings earned the ENERGY STAR, more than doubling the number from 2007.

For the first time, EPA released a list of U.S. metropolitan areas with the largest number of energy efficient buildings in 2008 that have earned EPA's Energy Star. The list is headed by Los Angeles, San Francisco, Houston, Washington, D.C., Dallas-Fort Worth, Chicago, Denver, Minneapolis-St Paul, Atlanta and Seattle (see complete list of top 25 in the appendix).

Watch for your opportunity to help feature your city in the 2010 press release. Use the links below to go to the ENERGY STAR web site to label your facility.



To label your building, go to [www.energystar.gov/eslabel](http://www.energystar.gov/eslabel).

To label your industrial plant, go to [www.energystar.gov/plants](http://www.energystar.gov/plants).



## EPA Recognition for Organization-Wide Improvements

EPA recognizes organizations as ENERGY STAR Leaders when they achieve significant energy efficiency milestones. ENERGY STAR Leaders are organizations that have improved the efficiency across their portfolio of buildings by 10, 20, or 30 percent or have achieved a top performing portfolio with an average rating of 75 or better. These Leaders show remarkable commitment to improving the energy performance of buildings and plants by managing energy strategically across the organization's entire portfolio of facilities, not just in individual buildings.

Sixty-five ENERGY STAR partners have met these impressive milestones. These Leaders manage over 323 million square feet across more than 4,800 facilities. They are avoiding more than 580 million pounds of greenhouse gas emissions – equal to those from the electricity use of nearly 35,000 U.S. homes - and saving almost \$50 million annually.

## ENERGY STAR Leaders

New Leaders are listed in **boldface**; Updated recognitions are listed in *italicized boldface*

TOP PERFORMERS					
1.	<b>Akridge</b>	<b>DC</b>	21.	Cambridge Savings Bank	MA
2.	<b>Burleson Independent School District</b>	<b>TX</b>	22.	Columbus Hospitality	OH
3.	<b>Glenborough, LLC</b>	<b>CA</b>	23.	Davenport Community School District	IA
4.	<b>TIAA-CREF</b>	<b>NY</b>	24.	Douglas, Emmett & Company	CA
5.	<b>Whitefish Bay School District</b>	<b>WI</b>	25.	Food Lion, LLC	NC
6.	<b><i>Burnsville Eagan Savage ISD 191</i></b>	<b><i>MN</i></b>	26.	Giant Eagle Incorporated	PA
7.	<b><i>Cohoes City School District</i></b>	<b><i>NY</i></b>	27.	Gresham-Barlow School District	OR
8.	<b><i>Columbia Heights Public Schools ISD 13</i></b>	<b><i>MN</i></b>	28.	Hannaford Bros. Co.	ME
9.	<b><i>Eden Prairie Schools ISD 272</i></b>	<b><i>MN</i></b>	29.	HE Butt Grocery Company	TX
10.	<b><i>Granite Properties</i></b>	<b><i>TX</i></b>	30.	Mansfield Independent School District	TX
11.	<b><i>Ichabod Crane Central School District</i></b>	<b><i>NY</i></b>	31.	Price Chopper	NY
12.	<b><i>Mahtomedi Public Schools ISD 832</i></b>	<b><i>MN</i></b>	32.	San Diego City Schools	CA
13.	<b><i>Nash-Rocky Mount Schools</i></b>	<b><i>NC</i></b>	33.	Saunders Hotel Group	MA
14.	<b><i>South Colonie Central School District</i></b>	<b><i>NY</i></b>	34.	Seaford School District	DE
15.	<b><i>St. Louis Park Public Schools ISD 283</i></b>	<b><i>MN</i></b>	35.	Sweetbay Supermarkets	FL
16.	<b><i>West Allis- West Milwaukee School District</i></b>	<b><i>WI</i></b>	36.	The Durst Organization, Inc.	NY
17.	Accor North America	TX	37.	The Great Atlantic & Pacific Tea Company, Inc.	NJ
18.	Austin Public Schools ISD 492	MN	38.	The Stop & Shop Supermarket Co., LLC	MA
19.	Buehler Food Markets, Inc.	OH	39.	USAA Real Estate Company	TX
20.	Buffalo-Hanover-Montrose School ISD 877	MN			



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30% Portfolio-Wide Reduction in Energy Use		
1.	<b>Blue Mountain School District</b>	<b>PA</b>
2.	<b>Sumter County Schools</b>	<b>FL</b>
3.	<b>Walled Lake Consolidated Schools</b>	<b>MI</b>
4.	<b>Council Rock School District</b>	<b>PA</b>

20% Portfolio-Wide Reduction in Energy Use		
1.	<b>Albert Lea Area Schools</b>	<b>MN</b>
2.	<b>Mohonasen Central School District</b>	<b>NY</b>
3.	<b>The Red Clay Consolidated School District</b>	<b>DE</b>
4.	<b>Tri-Creek School Corporation</b>	<b>IN</b>
5.	Averill Park Central School District	NY
6.	Falcon School District 49	CO
7.	Muskogee Public Schools	OK
8.	York County School Division	VA

10% Portfolio Wide Reduction in Energy Use		
1.	<b>Maize Unified School District 266</b>	<b>KS</b>
2.	<b>St. Tammany Parish School Board</b>	<b>LA</b>
3.	Cambridge-Isanti Public School ISD 911	MN
4.	Colorado Springs School District 11	CO
5.	Indian River Central School District	NY
6.	New York-Presbyterian Hospital	NY
7.	North St. Paul-Maplewood-Oakdale School District 622	MN
8.	Rochester City School District	NY
9.	South Washington County Schools ISD 833	MN
10.	St. Cloud Area School District 742	MN
11.	St. Paul Public Schools ISD 625	MN
12.	Stillwater Area Schools ISD 834	MN
13.	The Vanguard Group	PA
14.	West St. Paul/Mendota Heights/ Eagan ISD 197	MN

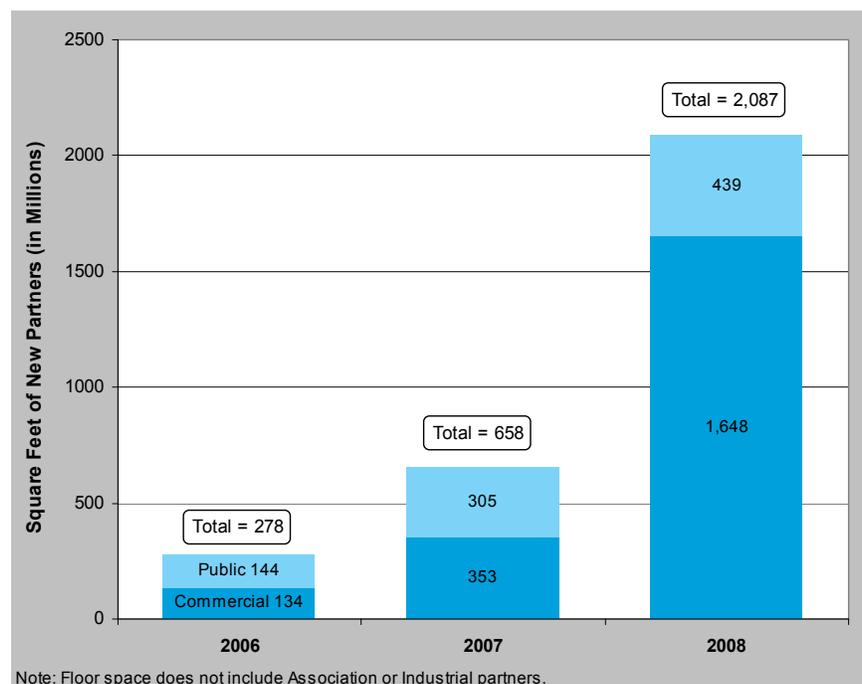
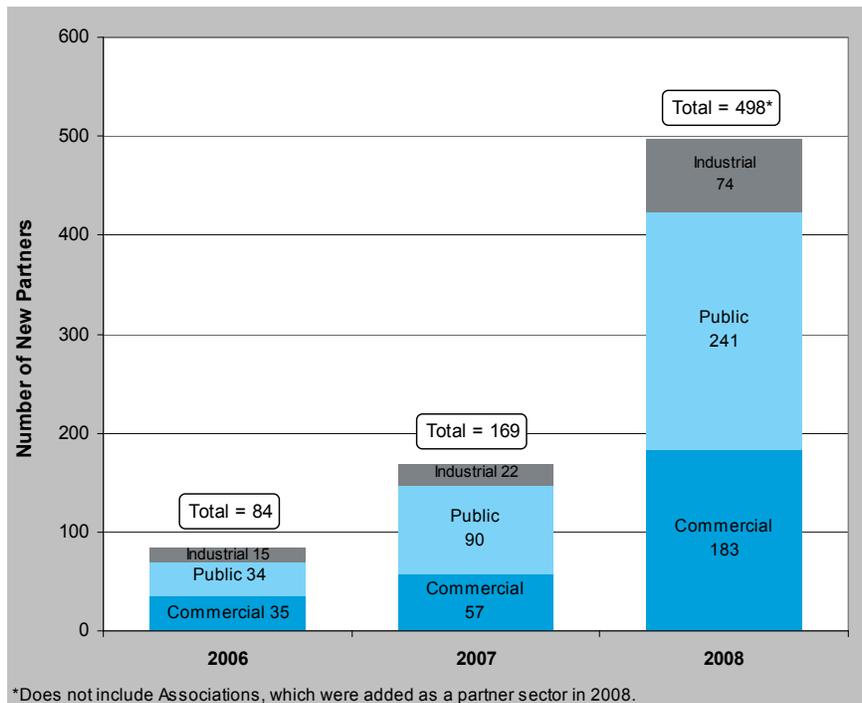
For more information on ENERGY STAR Leaders, go to [www.energystar.gov/leaders](http://www.energystar.gov/leaders).



## More Companies, Government Agencies, and Manufacturers Commit to Reducing Energy Use

### ⇒ New Partners Almost Triple in 2008

The number of commercial and industrial organizations joining ENERGY STAR almost tripled in 2008, accounting for more than 2 billion new committed square feet. By the end of 2008, there were more than 2,400 organizations that have committed to adopt continuous energy management practices.





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## ⇒ Spotlight on Key Partners

C&I organizations make a fundamental commitment to protect the environment through the continuous improvement of their energy performance when they become an ENERGY STAR partner. Below is a closer look at how two industrial organizations are promoting energy efficiency.

### PepsiCo

- PepsiCo, an ENERGY STAR Partner recognized with the Sustained Excellence in Energy Management award on multiple occasions, is a leader in energy management in the food industry
- Applying recommendations from a report by EPA in conjunction with GBN, ***Energy Strategy for the Road Ahead***, ([http://www.energystar.gov/ia/business/GBN\\_Energy\\_Strategy.pdf](http://www.energystar.gov/ia/business/GBN_Energy_Strategy.pdf)) PepsiCo launched an initiative to encourage the company's strategic suppliers to manage energy. Through 2008, more than 40 of the company's suppliers have become ENERGY STAR Partners.

### National Association of Manufacturers (NAM)

- EPA and NAM, the largest industrial trade association in the U.S., signed a memorandum of understanding (MOU) in 2008 to work together to improve the energy efficiency of U.S. manufacturing plants by educating U.S. manufacturers to strategically manage energy in their operations
- To that end, both organizations have taken the first steps to educate industry sectors under this MOU. NAM and EPA provided ENERGY STAR best practices to more than 45 of the association's member industrial groups, including metal powder, wood machinery, plastics, non-ferrous foundries, composites, adhesive and sealants, tape, and more. Work is underway with several of these industries to improve energy management in their operations.



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## Where Can You Find Out More About ENERGY STAR?

Watch for coverage in your local and national press!

[www.energystar.gov](http://www.energystar.gov) provided key energy efficiency information for more than 11 million visitor sessions during 2008

If you would like to partner with EPA to improve your energy efficiency, visit:  
[www.energystar.gov/joinbuildings](http://www.energystar.gov/joinbuildings).

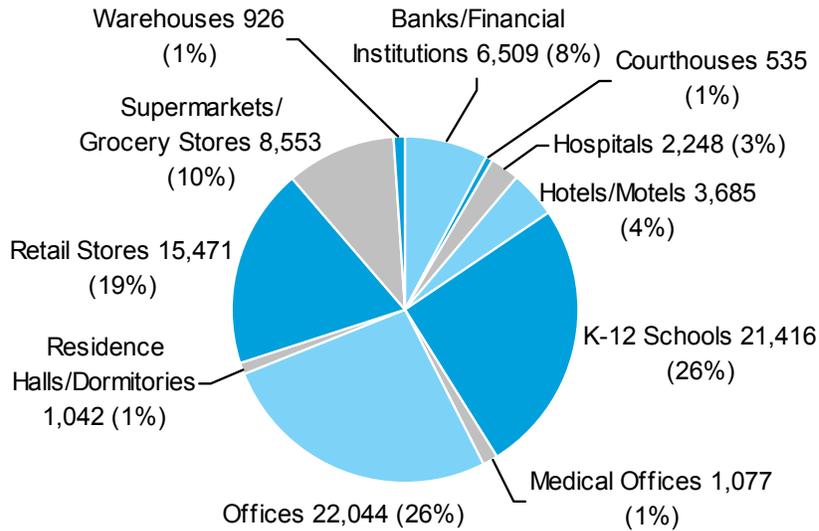
For more detailed information on rating and labeling activity, including state data, see the Snapshot Appendix. The Appendix includes state by state and local breakdown in energy performance ratings activity and ENERGY STAR labeled buildings.

# Appendix

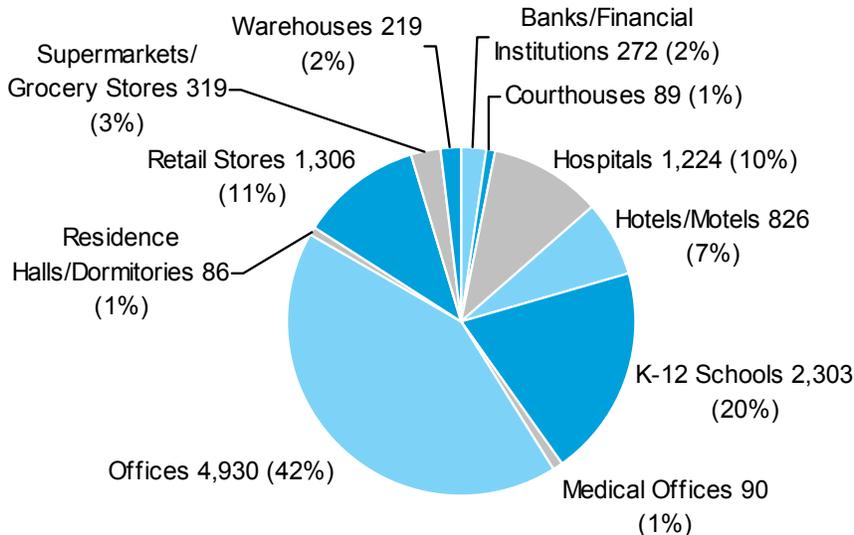
## ENERGY STAR Snapshot: Measuring Success in the Commercial and Industrial Markets Spring 2009

### I. Benchmarking Activity through 12/31/2008

**Cumulative Number of Buildings Rated**  
Cumulative Total = 83,506



**Cumulative Floor Space of Buildings Rated**  
(millions of square feet)  
Cumulative Total = 11,664



## Cumulative Number and Floor Space of Buildings Rated, By EPA Region/State

	Cumulative Number of Buildings Rated			Cumulative Floor Space of Buildings Rated		
	through 12/31/07	through 12/31/08	Percent Increase (from 2007 to 2008)	through 12/31/07 (square feet)	through 12/31/08 (square feet)	Percent Increase (from 2007 to 2008)
<b>EPA Region 1</b>						
Connecticut	1,008	1,339	33%	118,406,667	170,846,501	44%
Maine*	235	350	49%	20,497,326	31,140,837	52%
Massachusetts	1,951	2,793	43%	299,833,228	416,598,001	39%
New Hampshire*	420	602	43%	28,935,311	42,922,093	48%
Rhode Island	213	277	30%	22,312,209	31,561,909	41%
Vermont*	185	249	35%	12,740,144	16,945,291	33%
<b>Total - Region 1</b>	<b>4,012</b>	<b>5,610</b>	<b>40%</b>	<b>502,724,885</b>	<b>710,014,633</b>	<b>41%</b>
<b>EPA Region 2</b>						
New Jersey	1,436	1,922	34%	159,375,154	242,766,300	52%
New York*	3,939	5,054	28%	628,134,472	1,074,810,154	71%
Puerto Rico	20	36	80%	3,390,017	6,855,628	102%
Virgin Islands of the U.S.	6	7	17%	1,321,821	1,661,580	26%
<b>Total - Region 2</b>	<b>5,401</b>	<b>7,019</b>	<b>30%</b>	<b>792,221,464</b>	<b>1,326,093,662</b>	<b>67%</b>
<b>EPA Region 3</b>						
Delaware*	181	246	36%	21,317,859	32,561,679	53%
District of Columbia (D.C.)*	497	794	60%	176,299,004	268,703,752	52%
Maryland*	1,420	1,891	33%	200,221,176	296,226,765	48%
Pennsylvania*	2,226	3,061	38%	284,522,541	431,811,819	52%
Virginia*	2,163	3,140	45%	260,442,199	422,842,847	62%
West Virginia*	298	394	32%	25,396,453	35,223,982	39%
<b>Total - Region 3</b>	<b>6,785</b>	<b>9,526</b>	<b>40%</b>	<b>968,199,231</b>	<b>1,487,370,844</b>	<b>54%</b>
<b>EPA Region 4</b>						
Alabama*	412	531	29%	47,722,491	77,702,435	63%
Florida*	3,116	3,946	27%	359,709,176	511,636,244	42%
Georgia*	1,486	1,882	27%	226,838,548	316,045,690	39%
Kentucky*	615	820	33%	61,224,125	98,378,438	61%
Mississippi*	215	252	17%	22,358,558	37,088,105	66%
North Carolina*	1,881	2,462	31%	187,105,183	252,630,338	35%
South Carolina*	640	720	13%	54,769,428	65,578,292	20%
Tennessee*	844	1,040	23%	98,669,855	150,550,675	53%
<b>Total - Region 4</b>	<b>9,209</b>	<b>11,653</b>	<b>27%</b>	<b>1,058,397,364</b>	<b>1,509,610,218</b>	<b>43%</b>
<b>EPA Region 5</b>						
Illinois*	2,511	4,002	59%	395,774,876	685,769,998	73%
Indiana*	888	1,246	40%	107,682,657	172,680,080	60%
Michigan*	2,103	2,777	32%	238,848,125	341,511,538	43%
Minnesota*	1,667	2,127	28%	236,943,880	319,373,665	35%
Ohio*	1,647	2,403	46%	226,046,732	387,727,824	72%
Wisconsin*	2,049	2,713	32%	230,266,823	307,628,427	34%
<b>Total - Region 5</b>	<b>10,865</b>	<b>15,268</b>	<b>41%</b>	<b>1,435,563,093</b>	<b>2,214,691,531</b>	<b>54%</b>

<b>EPA Region 6</b>						
Arkansas	252	318	26%	25,670,112	33,116,051	29%
Louisiana	608	713	17%	69,511,713	106,533,467	53%
New Mexico*	259	477	84%	17,854,912	39,967,188	124%
Oklahoma	473	540	14%	41,040,250	57,839,501	41%
Texas*	5,429	7,171	32%	744,250,446	1,039,697,535	40%
<b>Total - Region 6</b>	<b>7,021</b>	<b>9,219</b>	<b>31%</b>	<b>898,327,432</b>	<b>1,277,153,742</b>	<b>42%</b>
<b>EPA Region 7</b>						
Iowa	498	646	30%	61,968,941	78,772,671	27%
Kansas*	417	651	56%	45,703,940	81,415,216	78%
Missouri	1,069	1,419	33%	133,555,601	202,604,576	52%
Nebraska	276	421	53%	30,546,265	45,504,246	49%
<b>Total - Region 7</b>	<b>2,260</b>	<b>3,137</b>	<b>39%</b>	<b>271,774,747</b>	<b>408,296,710</b>	<b>50%</b>
<b>EPA Region 8</b>						
Colorado	1,714	2,207	29%	188,143,272	245,720,141	31%
Montana	271	315	16%	18,401,818	22,559,415	23%
North Dakota	106	123	16%	6,781,501	8,899,093	31%
South Dakota	122	139	14%	8,489,451	11,402,853	34%
Utah*	593	786	33%	40,797,196	67,433,099	65%
Wyoming	119	147	24%	7,619,768	9,660,595	27%
<b>Total - Region 8</b>	<b>2,925</b>	<b>3,717</b>	<b>27%</b>	<b>270,233,006</b>	<b>365,675,197</b>	<b>35%</b>
<b>EPA Region 9</b>						
Arizona*	1,410	1,710	21%	130,408,479	176,174,101	35%
California*	7,869	10,138	29%	897,489,793	1,246,021,629	39%
Guam	14	14	0%	3,708,701	3,708,701	0%
Hawaii*	152	214	41%	40,786,838	55,467,864	36%
Marshall Islands	1	1	0%	20,500	20,500	0%
Navajo Nation	1	1	0%	50,000	50,000	0%
Nevada	1,148	1,243	8%	96,035,819	114,800,383	20%
Northern Mariana Islands	1	1	0%	17,000	17,000	0%
Pacific Islands	1	2	100%	296,110	355,068	20%
Trust Territories	0	0	0	0	0	0%
U.S. Minor Outlying Islands	2	2	0%	320,000	320,000	0%
Wake Island	0	1	N/A	0	299,474	N/A
<b>Total - Region 9</b>	<b>10,599</b>	<b>13,327</b>	<b>26%</b>	<b>1,169,133,239</b>	<b>1,597,234,720</b>	<b>37%</b>
<b>EPA Region 10</b>						
Alaska*	187	232	24%	14,488,942	18,570,769	28%
Idaho	331	452	37%	25,481,191	34,464,009	35%
Oregon	912	1,328	46%	87,172,130	130,662,302	50%
Washington	1,674	2,304	38%	194,746,396	275,119,837	41%
<b>Total - Region 10</b>	<b>3,104</b>	<b>4,316</b>	<b>39%</b>	<b>321,888,659</b>	<b>458,816,917</b>	<b>43%</b>
<b>Total – EPA Region 0</b>	<b>246</b>	<b>714</b>	<b>190%</b>	<b>87,074,765</b>	<b>308,798,639</b>	<b>255%</b>
<b>Total - All EPA Regions</b>	<b>62,427</b>	<b>83,506</b>	<b>34%</b>	<b>7,775,537,885</b>	<b>11,663,756,810</b>	<b>50%</b>

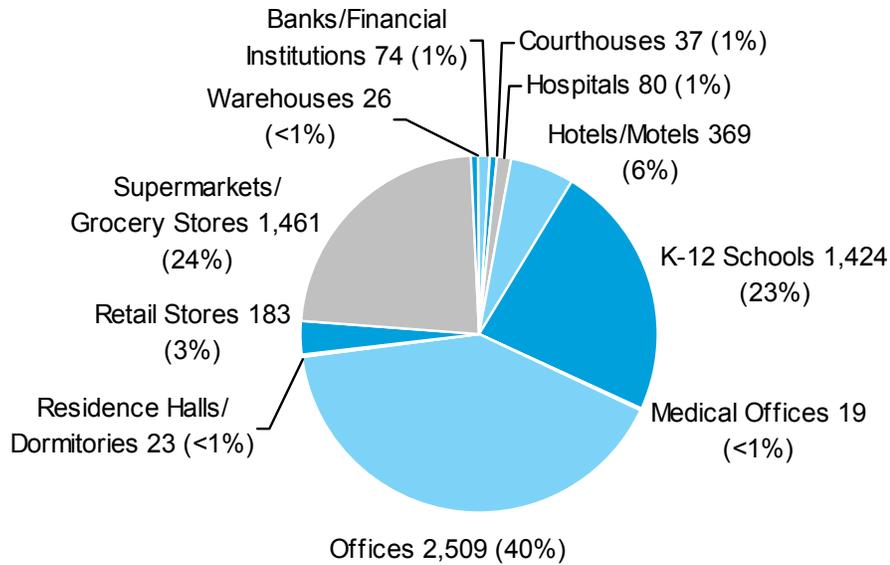
\*ENERGY STAR Challenge states

**Cumulative Number and Floor Space of Buildings Rated,  
By Designated Market Area (Local Rating Activity)**

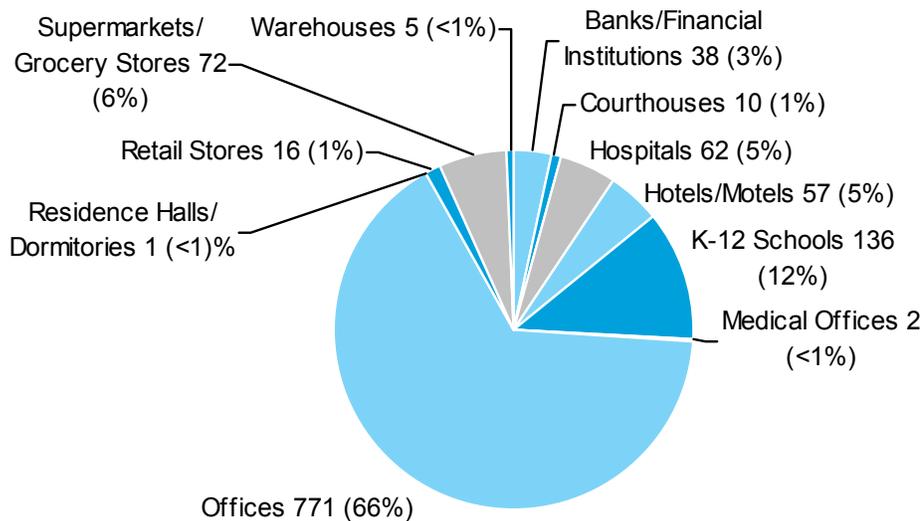
Designated Market Area (By Rank)		Cumulative through 12/31/07		Cumulative through 12/31/08		Percent Increase (from 12/31/07 to 12/31/08)	
Rank	DMA	Number of Buildings Rated	Floor Space Rated	Number of Buildings Rated	Floor Space Rated	Number of Buildings Rated	Floor Space Rated
1	New York	3,457	620,265,574	4,633	1,017,067,281	34%	64%
2	Los Angeles	3,186	396,206,838	3,748	498,998,008	18%	26%
3	Chicago	2,050	357,992,210	3,396	624,451,317	66%	74%
4	Philadelphia	1,579	237,768,413	2,217	332,339,630	40%	40%
5	Dallas-Ft. Worth	1,827	272,477,444	2,399	372,969,070	31%	37%
6	San Francisco-Oakland-San Jose	1,917	288,415,084	2,727	405,664,054	42%	41%
7	Boston (Manchester)	1,969	294,519,944	2,770	391,369,331	41%	33%
8	Atlanta	1,129	213,279,212	1,393	258,939,043	23%	21%
9	Washington, DC (Hagerstown)	2,399	471,856,429	3,571	702,485,931	49%	49%
10	Houston	1,526	277,174,375	1,840	344,291,357	21%	24%
11	Detroit	968	146,979,272	1,292	187,882,378	33%	28%
12	Phoenix (Prescott)	1,095	106,778,336	1,351	143,865,233	23%	35%
13	Tampa-St. Petersburg (Sarasota)	786	75,246,809	930	99,844,066	18%	33%
14	Seattle-Tacoma	1,278	172,173,503	1,748	230,527,234	37%	34%
15	Minneapolis-St. Paul	1,510	229,187,902	1,887	300,786,987	25%	31%
16	Miami-Ft. Lauderdale	775	102,228,869	926	131,027,418	19%	28%
17	Cleveland-Akron (Canton)	628	85,877,827	885	131,532,716	41%	53%
18	Denver	1,420	161,825,459	1,770	206,133,978	25%	27%
19	Orlando-Daytona Beach-Melbourne	719	93,647,316	895	137,546,629	24%	47%
20	Sacramento-Stockton-Modesto	797	75,370,582	1,131	103,351,315	42%	37%
21	St. Louis	604	76,341,967	754	110,124,577	25%	44%
22	Pittsburgh	611	72,544,170	724	98,307,999	18%	36%
23	Portland, OR	778	81,783,294	1,163	122,245,399	49%	49%
24	Baltimore	652	87,956,075	864	150,623,821	33%	71%
25	Charlotte	710	95,074,588	877	122,299,117	24%	29%
	<b>Other Localities</b>						
	Albuquerque	103	10,873,778	206	23,758,400	100%	118%
	Kansas City	533	64,321,451	781	104,242,273	47%	62%
	Louisville	159	22,163,895	224	34,342,395	41%	55%

## II. ENERGY STAR Labeled Building Activity through 12/31/2008

**Cumulative Number of Buildings Labeled**  
Cumulative Total = 6,205



**Cumulative Floor Space of Buildings Labeled**  
(millions of square feet)  
Cumulative Total = 1,170



## Cumulative Number and Floor Space of ENERGY STAR Labeled Buildings, by EPA Region/State

	Cumulative Number of Buildings Labeled			Cumulative Floor Space of Buildings Labeled		
	through 12/31/07	through 12/31/08	Percent Increase (from 12/31/07 to 6/30/08)	through 12/31/07 (square feet)	through 12/31/08 (square feet)	Percent Increase (from 12/31/07 to 6/30/08 in)
<b>EPA Region 1</b>						
Connecticut	27	42	56%	8,936,425	11,345,555	27%
Maine*	13	16	23%	704,991	793,647	13%
Massachusetts	113	171	51%	27,866,575	38,173,119	37%
New Hampshire*	10	15	50%	436,932	672,674	54%
Rhode Island	3	5	67%	164,460	651,805	296%
Vermont*	10	10	0%	485,587	485,587	0%
<b>Total - Region 1</b>	<b>176</b>	<b>259</b>	<b>47%</b>	<b>38,594,970</b>	<b>52,122,387</b>	<b>35%</b>
<b>EPA Region 2</b>						
New Jersey	41	71	73%	5,714,606	12,635,561	121%
New York*	99	203	106%	26,922,379	64,930,071	141%
Puerto Rico	0	1	n/a	0	19,200	n/a
<b>Total - Region 2</b>	<b>140</b>	<b>275</b>	<b>96%</b>	<b>32,636,985</b>	<b>77,584,832</b>	<b>138%</b>
<b>EPA Region 3</b>						
Delaware*	11	37	236%	1,660,964	4,884,973	194%
District of Columbia (D.C.)*	36	81	125%	16,765,214	32,845,667	96%
Maryland*	100	119	19%	11,298,370	13,837,668	22%
Pennsylvania*	103	155	50%	15,792,325	28,223,976	79%
Virginia*	290	348	20%	25,608,395	35,884,664	40%
West Virginia*	11	27	145%	2,380,081	3,166,008	33%
<b>Total - Region 3</b>	<b>551</b>	<b>767</b>	<b>39%</b>	<b>73,505,349</b>	<b>118,842,956</b>	<b>62%</b>
<b>EPA Region 4</b>						
Alabama*	6	6	0%	1,794,446	1,765,839	-2%
Florida*	66	135	105%	14,365,502	28,046,953	95%
Georgia*	62	159	156%	19,259,368	37,934,998	97%
Kentucky*	19	42	121%	2,559,785	5,453,020	113%
Mississippi*	4	4	0%	703,757	703,757	0%
North Carolina*	384	465	21%	17,808,046	24,451,420	37%
South Carolina*	69	80	16%	2,485,713	3,581,506	44%
Tennessee*	24	54	125%	4,634,785	7,033,896	52%
<b>Total - Region 4</b>	<b>634</b>	<b>945</b>	<b>49%</b>	<b>63,611,402</b>	<b>108,971,389</b>	<b>71%</b>
<b>EPA Region 5</b>						
Illinois*	97	201	107%	27,048,807	63,485,914	135%
Indiana*	29	82	183%	5,504,014	13,622,528	148%
Michigan*	70	225	221%	22,066,608	36,849,807	67%
Minnesota*	113	174	54%	28,568,946	43,089,700	51%
Ohio*	125	194	55%	20,426,069	29,964,463	47%
Wisconsin*	115	246	114%	13,792,200	27,913,837	102%
<b>Total - Region 5</b>	<b>549</b>	<b>1,122</b>	<b>104%</b>	<b>117,406,644</b>	<b>214,926,249</b>	<b>83%</b>

<b>EPA Region 6</b>						
<b>Arkansas</b>	6	6	<b>0%</b>	1,623,269	1,623,269	<b>0%</b>
<b>Louisiana</b>	24	28	<b>17%</b>	9,537,716	11,248,196	<b>18%</b>
<b>New Mexico*</b>	6	10	<b>67%</b>	1,917,836	2,790,753	<b>46%</b>
<b>Oklahoma</b>	6	9	<b>50%</b>	804,136	1,204,655	<b>50%</b>
<b>Texas*</b>	520	672	<b>29%</b>	122,287,030	167,110,356	<b>37%</b>
<b>Total - Region 6</b>	562	725	<b>29%</b>	136,169,987	183,977,229	<b>35%</b>
<b>EPA Region 7</b>						
<b>Iowa</b>	31	38	<b>23%</b>	2,151,031	3,413,075	<b>59%</b>
<b>Kansas*</b>	28	44	<b>57%</b>	1,803,411	3,895,418	<b>116%</b>
<b>Missouri</b>	18	30	<b>67%</b>	3,406,083	6,557,795	<b>93%</b>
<b>Nebraska</b>	9	16	<b>78%</b>	2,625,157	3,250,005	<b>24%</b>
<b>Total - Region 7</b>	86	128	<b>49%</b>	9,985,682	17,116,293	<b>71%</b>
<b>EPA Region 8</b>						
<b>Colorado</b>	165	267	<b>62%</b>	31,876,874	48,127,274	<b>51%</b>
<b>Montana</b>	9	13	<b>44%</b>	1,506,605	1,759,944	<b>17%</b>
<b>North Dakota</b>	6	6	<b>0%</b>	673,814	673,814	<b>0%</b>
<b>South Dakota</b>	14	14	<b>0%</b>	1,104,076	1,104,076	<b>0%</b>
<b>Utah*</b>	14	27	<b>93%</b>	1,899,378	3,302,926	<b>74%</b>
<b>Wyoming</b>	2	2	<b>0%</b>	348,216	348,216	<b>0%</b>
<b>Total - Region 8</b>	210	329	<b>57%</b>	37,408,963	55,316,250	<b>48%</b>
<b>EPA Region 9</b>						
<b>Arizona*</b>	53	88	<b>66%</b>	10,915,103	16,263,200	<b>49%</b>
<b>California*</b>	917	1,260	<b>37%</b>	177,520,181	244,636,955	<b>38%</b>
<b>Hawaii*</b>	20	26	<b>30%</b>	8,867,421	10,925,687	<b>23%</b>
<b>Nevada</b>	23	24	<b>4%</b>	2,435,853	3,972,670	<b>63%</b>
<b>Total - Region 9</b>	1,013	1,398	<b>38%</b>	199,738,558	275,798,512	<b>38%</b>
<b>EPA Region 10</b>						
<b>Alaska*</b>	1	1	<b>0%</b>	736,056	736,056	<b>0%</b>
<b>Idaho</b>	16	35	<b>119%</b>	2,138,424	3,674,654	<b>72%</b>
<b>Oregon</b>	50	82	<b>64%</b>	11,632,427	19,639,599	<b>69%</b>
<b>Washington</b>	68	139	<b>104%</b>	23,222,052	40,876,759	<b>76%</b>
<b>Total - Region 10</b>	135	257	<b>90%</b>	37,728,959	64,927,068	<b>72%</b>
<b>Total - All Regions</b>	<b>4,056</b>	<b>6,205</b>	<b>53%</b>	<b>746,787,499</b>	<b>1,169,583,165</b>	<b>57%</b>

\*ENERGY STAR Challenge states

## Top 25 Cities with the Most ENERGY STAR Qualified Buildings in 2008

Metropolitan Area*	Number of ENERGY STAR Qualified Buildings in 2008	Amount of Floorspace (Million square feet)	Cost Savings (Millions)	Emissions Savings Equivalent to How Many Household's Electricity Use?
1. Los Angeles, CA	262	73.9	\$87.2	35,800
2. San Francisco, CA	194	60.0	\$83.8	32,100
3. Houston, TX	145	58.3	\$70.6	56,500
4. Washington, DC	136	42.3	\$42.2	30,700
5. Dallas-Fort Worth, TX	126	32.4	\$31.9	26,200
6. Chicago, IL	125	51.0	\$42.2	50,700
7. Denver, CO	109	30.5	\$32.9	44,600
8. Minneapolis-St. Paul, MN	102	33.2	\$36.3	49,000
9. Atlanta, GA	97	24.0	\$16.4	19,700
10. Seattle, WA	83	22.0	\$16.3	14,400
11. Boston, MA	79	25.0	\$34.5	13,600
12. New York, NY	78	41.9	\$55.9	26,900
13. Austin, TX	77	10.9	\$13.6	11,900
14. Detroit, MI	65	10.2	\$52.7	8,400
15. Milwaukee, WI	62	7.6	\$3.0	3,200
16. San Antonio, TX	56	9.8	\$14.6	14,400
17. Philadelphia, PA	50	11.9	\$12.4	7,900
18. Charlotte, NC	45	5.8	\$4.6	5,200
19. Portland, OR	45	14.0	\$8.0	6,600
20. Grand Rapids, MI	42	4.1	\$1.8	1,700
21. Sacramento, CA	41	6.5	\$7.9	3,600
22. Phoenix, AZ	39	7.3	\$7.0	6,900
23. Miami, FL	38	8.4	\$8.8	6,800
24. Riverside, CA	34	3.6	\$3.2	1,200
25. Madison, WI	33	3.0	\$1.1	1,300

Metropolitan areas defined by U.S. Census. January 1, 2008 – December 31, 2008. Numbers have been rounded.