



Over the past 15 years, earning the ENERGY STAR® label has become synonymous with a solid investment in energy efficiency and the measure by which claims of superior energy performance are judged. This special supplement tells the manufactured home ENERGY STAR story.

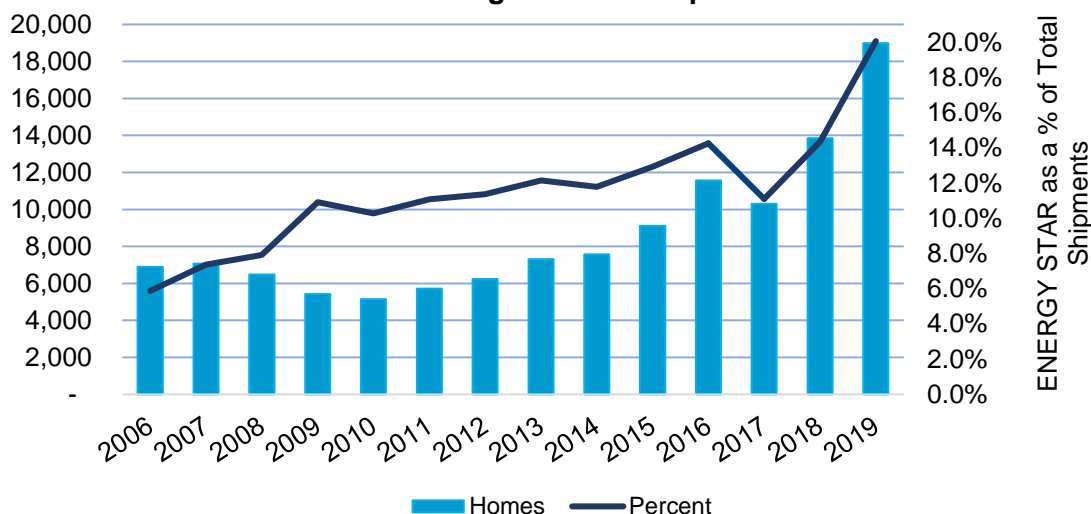
ENERGY STAR® Program Milestones

- **2005:** Guidelines for qualifying manufactured homes for the ENERGY STAR label issued. U.S. Environmental Protection Agency (EPA) designates **Systems Building Research Alliance (SBRA)** as the National Quality Assurance Provider for the Manufactured Housing ENERGY STAR program.
- **2007:** Congress enacts national tax credits for energy efficient residential new construction, including a \$1,000 credit for producers of manufactured homes qualifying for ENERGY STAR designation.
- **2009–present:** Utilities offer financial incentives for ENERGY STAR manufactured homes.
- **2013:** Congress extends the federal tax credit, beginning a process that has resulted in the credit being extended every year. The credit currently runs through **December 31, 2020**.
- **2018 (March):** U.S. EPA, with assistance from SBRA, develops and pilots Version 2 of the manufactured housing ENERGY STAR program requirements for electrically heated homes only. With the new requirements, program participation accelerates.
- **2019:** Version 2 requirements are enacted nationwide and for all homes on July 1.
- **2020:** Version 1 requirements sunset on May 31, 2020. All homes manufactured after that date must comply with Version 2.

Figure 1 shows total ENERGY STAR production by year since national program inception. In some years, 2017-2018 for example, the \$1,000 federal tax credit for home manufacturers was extended retroactively, meaning that at the time they were building homes manufacturers were not sure if the credit would be extended, dampening ENERGY STAR participation.

One trend is clear: ENERGY STAR as a percentage of total shipments has generally increased year-over-year. The changes enacted with Version 2 explain the robust growth starting in 2019.

Figure 1. ENERGY STAR® Production by Year and as Percentage of Total Shipments



Historical State Trends

Figure 2 provides a snapshot of the centers of ENERGY STAR activity in the past decade. Three states—SC, NC and TN—led the way with 36% of the 10-year total. Several factors contributed to this pattern, including local incentive programs, hot spots of industry activity and the commitments of individual manufacturers to build exemplary homes with very low energy costs.

Current Regional Trends

Figure 3 and **Table 1** (next page) provide a summary of ENERGY STAR market share of shipments by region and state this year through September, indicating areas where the messaging has been successful and areas of significant growth opportunity. This data is reported in Manufactured Housing Institute’s Monthly Economic Reports on a quarterly basis.

Figure 2. Top 10 States for ENERGY STAR® Homes 2010–2019

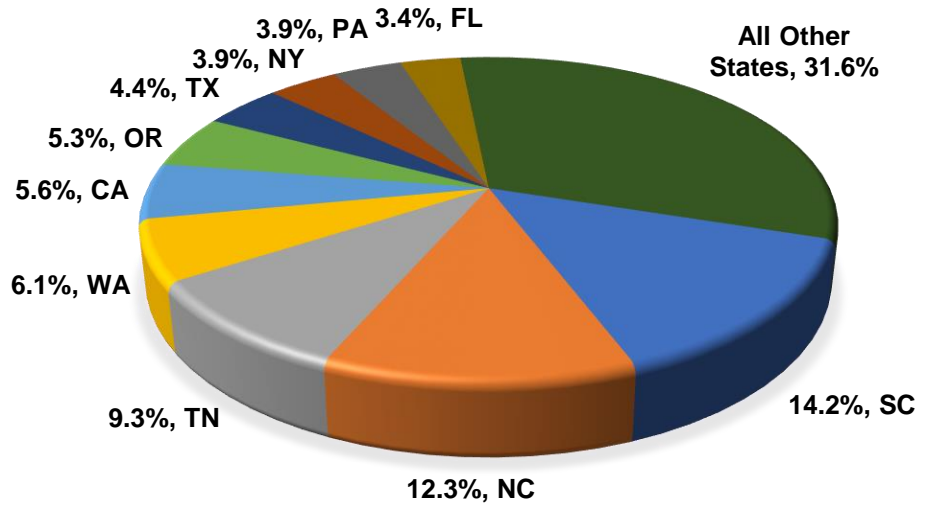


Figure 3. ENERGY STAR® Market Share of Quarterly Shipments by Region Year through SEPTEMBER 2020

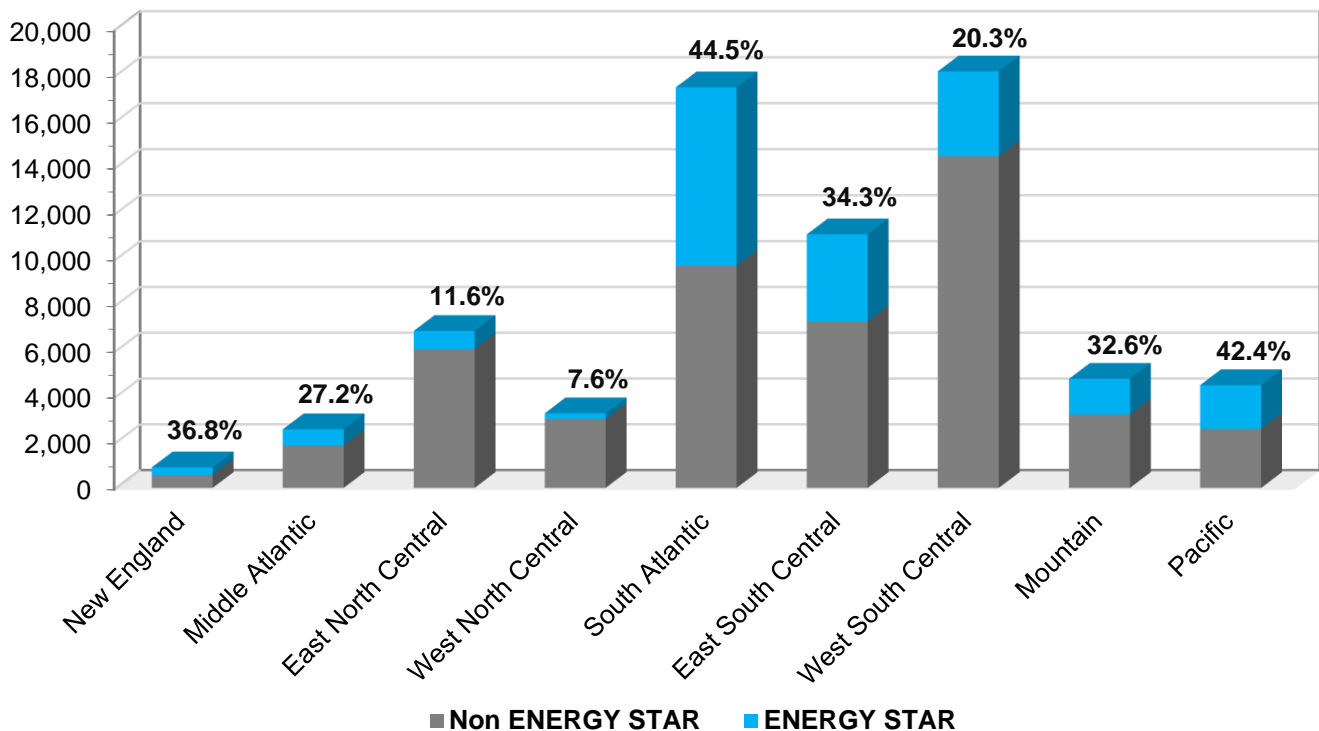


Table 1: ENERGY STAR® Market Share of Quarterly Shipments – YEAR THROUGH SEPTEMBER 2020

Region/State	Shipments	ENERGY STAR	%	Region/State	Shipments	ENERGY STAR	%
New England				West North Central			
Connecticut	71	4	5.6%	Iowa	468	25	5.3%
Maine	403	118	29.3%	Kansas	497	14	2.8%
Massachusetts	69	55	79.7%	Minnesota	609	62	10.2%
New Hampshire	238	86	36.1%	Missouri	1,018	57	5.6%
Rhode Island	26	5	19.2%	Nebraska	164	4	2.4%
Vermont	88	61	69.3%	North Dakota	255	42	16.5%
Subtotal (region)	895	329	36.8%	South Dakota	247	44	17.8%
East North Central				Subtotal (region)	3,258	248	7.6%
Illinois	894	49	5.5%	East South Central			
Indiana	1,395	131	9.4%	Alabama	3,365	912	27.1%
Michigan	2,561	221	8.6%	Kentucky	2,589	1,163	44.9%
Ohio	1,456	291	20.0%	Mississippi	2,760	354	12.8%
Wisconsin	548	101	18.4%	Tennessee	2,352	1,368	58.2%
Subtotal (region)	6,854	793	11.6%	Subtotal (region)	11,066	3,797	34.3%
South Atlantic				West South Central			
Delaware	205	94	45.9%	Arkansas	1,233	172	13.9%
District of Columbia	0	0	-	Louisiana	2,880	486	16.9%
Florida	4,919	721	14.7%	Oklahoma	1,547	111	7.2%
Georgia	2,757	827	30.0%	Texas	12,497	2,919	23.4%
Maryland	67	20	29.9%	Subtotal (region)	18,157	3,688	20.3%
North Carolina	4,134	2,520	61.0%	Middle Atlantic			
South Carolina	3,598	2,546	70.8%	New Jersey	359	82	22.8%
Virginia	973	542	55.7%	New York	960	313	32.6%
West Virginia	809	492	60.8%	Pennsylvania	1,239	301	24.3%
Subtotal (region)	17,462	7,762	44.5%	Subtotal (region)	2,558	696	27.2%
Mountain				Pacific			
Arizona	1,698	449	26.4%	Alaska	48	8	16.7%
Colorado	731	111	15.2%	California	2,450	672	27.4%
Idaho	300	256	85.3%	Hawaii	9	2	22.2%
Montana	179	95	53.1%	Oregon	1,034	528	51.1%
Nevada	483	236	48.9%	Washington	945	690	73.0%
New Mexico	1,048	287	27.4%	Subtotal (region)	4,486	1,900	42.4%
Utah	243	104	42.8%	Subtotal (U.S.)	69,498	20,766	29.9%
Wyoming	80	15	18.8%	Outside U.S.	0	0	-
Subtotal (region)	4,762	1,553	32.6%	<i>Destination Pending</i>	229	0	0%
				Total Shipments	69,727	20,766	29.8%

- Notes**
- *Destination Pending* figures represent finished home inventory.
 - Shipments data provided by Manufactured Housing Institute (MHI).
 - ENERGY STAR data provided by Systems Building Research Alliance (SBRA), except data for plants in Idaho, Oregon and Washington, which is provided by Northwest Energy Works. ENERGY STAR figures are self-reported by home manufacturers.