U.S. Environmental Protection Agency
ENERGY STAR® Labeled Products: Verification Testing
2016 Summary

In order to ensure that ENERGY STAR labeled products meet energy savings expectations on an ongoing basis, a subset of models are subject to verification testing each year.

Verification Testing Rates

ENERGY STAR qualified products available for sale in the United States are subject to verification testing to ensure they continue to meet performance requirements. In 2016, 1,881 models underwent verification testing. Table 1 provides a detailed summary of the tested model counts by product category.

All of the models listed below underwent verification testing administered by EPA-recognized certification bodies (CBs). Further details on the verification testing process for CBs are available at www.energystar.gov/CBresources.

The overall compliance rate was 95%.

Additionally, there were 14 commercial steam cooker models assessed through the Component Inspection Pilot Program in 2016.

Disqualification

ENERGY STAR qualified models that fail to meet ENERGY STAR requirements during verification testing are subject to EPA's disqualification procedures. In 2016, EPA disqualified 96 *unique* models as a result of verification testing. Additional, separately-branded versions of the 96 models were also disqualified. Table 2 summarizes the 96 unique disqualified models by product category.

The current lists of disqualified models are available at www.energystar.gov/integrity.

Table 1 2016 Verification Testing Counts by Product Category

Product Category	Number of Models Tested
Appliances	
Clothes Dryers	8
Clothes Washers	14
Dishwashers	11
Refrigerators and Freezers	66
Total	*99*
Heating and Cooling	
Boilers	14
Central Air Conditioners and Air Source Heat Pumps (CAC ASHP)	64
Commercial Water Heaters	21
Dehumidifiers	26
Furnaces	41
Geothermal Heat Pumps	25
Light Commercial HVAC	6
Room Air Cleaners and Purifiers	59

Product Category	Number of Models Tested
Room Air Conditioners	67
Water Heaters non-solar	28
Total	**351**
Commercial Food Service	
Commercial Dishwashers	11
Commercial Fryers	8
Commercial Griddles	4
Commercial Hot Food Holding Cabinets	8
Commercial Ice Machines	17
Commercial Ovens	8
Commercial Refrigerators and Freezers	51
Total	**107**
Electronics and Office Equipment	
Audio/Video	12
Computers	79
Displays	90
Enterprise Servers	13
Imaging Equipment	80
Set-Top Boxes and Cable Boxes	4
Telephony	6
Televisions	30
Uninterruptable Power Supplies	20
Total	**334**
Lighting and Fans	
Ceiling Fans	35
Decorative Light Strings	4
Lamps - CFLs	107
Lamps - LEDs	210
Luminaires	255
Ventilating Fans	24
Total	**635**
Home Building Materials	
Roofs	160
Windows, Doors, and Skylights	169
Total	**329**

Product Category	Number of Models Tested
Other	
Pool Pumps	*10*
Vending Machines	*5*
Water Coolers	*11*
Total	*26*
Total Models Tested	*1,881*

Table 2 Number of Models Disqualified in 2016 by Product Category

Product Category	Models Disqualified in 2016
Boilers	1
Ceiling Fans	1
Commercial Ice Machines	1
Computers	3
Decorative Light Strings	1
Imaging Equipment	1
Lamps - CFL	23
Lamps - LED	23
Luminaires	30
Refrigerators and Freezers	1
Roof Products	3
Room Air Conditioners	1
Room Air Cleaners	1
Televisions	1
Ventilating Fans	2
Water Heaters	1
Windows, Doors, and Skylights	2
Grand Total	**96**