ENERGY STAR® BY THE NUMBERS - 2016

The simple choice for energy efficiency.

ENERGY STAR

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ENERGY STAR® is the government-backed symbol for energy efficiency, providing simple, credible, and unbiased information that consumers and businesses rely on to make well-informed decisions. Thousands of industrial, commercial, utility, state, and local organizations—including more than 40 percent of the Fortune 500®—rely on their partnership with the U.S. Environmental Protection Agency (EPA) to deliver cost-saving energy efficiency solutions. Together, since 1992, ENERGY STAR and its partners have helped save American families and businesses $430 billion—while also achieving broad emissions reductions—all through voluntary action.

PROGRAM-WIDE FACTS

- ENERGY STAR certified products, homes, buildings, and plants helped Americans save 503 billion kWh of energy and **$34 billion** in energy costs in 2015.
- Since 1992, ENERGY STAR and its partners have saved American families and businesses **$430 billion** in energy costs and 4.6 trillion kWh of energy, while achieving broad emissions reductions—including 2.8 billion metric tons of greenhouse gas emissions.
- More than **90 percent** of American households recognize the ENERGY STAR.
- As of 2016, thousands of industrial, commercial, state, and local organizations—including more than **40 percent** of the Fortune 500—rely on their partnership with EPA to achieve financial and energy savings.
- Nearly **700** utilities—serving roughly **85 percent** of American households—leveraged ENERGY STAR in their efficiency programs in 2016.
- Nearly **290,000** American workers are involved in the manufacture of ENERGY STAR certified products and building materials, as of 2016.

ENERGY STAR PRODUCTS

- ENERGY STAR certified products helped consumers save **$23 billion** in energy costs in 2015, contributing to cumulative energy cost savings of **$246 billion** since 1992.
- By choosing ENERGY STAR, a typical household can save about **$575** on their energy bills and still enjoy the quality and performance they expect.
- Americans purchased more than **300 million** ENERGY STAR certified products in 2015, for a cumulative total exceeding 5.5 billion products (excluding purchases of light bulbs).
- About three-fourths of U.S. households report the ENERGY STAR label as influential in their purchasing decisions.
- EPA sets definitions of efficiency leadership for more than 75 residential and commercial product categories. Currently **50,000** product models have earned the ENERGY STAR based on these rigorous criteria.
- The estimated annual market value of ENERGY STAR product sales is more than **$100 billion.**
- More than **2,000** product models from more than 130 manufacturers were recognized as "ENERGY STAR Most Efficient" in 2016.
- **80 percent** of purchasers would recommend ENERGY STAR products to a friend.

ENERGY STAR FOR COMMERCIAL BUILDINGS

- The ENERGY STAR program for commercial buildings helped businesses and organizations save **$7.8 billion** in energy costs in 2015, contributing to cumulative energy cost savings of **$144 billion** since 1992.
- By the end of 2016, nearly **500,000** properties—representing about **50 percent** of the nation's commercial building floor space—have used EPA's ENERGY STAR Portfolio Manager® tool to measure, track, assess, and report on their energy and water consumption.
- As of the end of 2016, 23 local governments and two states rely on EPA's ENERGY STAR Portfolio Manager® tool as the foundation for their energy benchmarking and transparency policies.
- On average, ENERGY STAR certified buildings use **35 percent** less energy than typical buildings nationwide.
- More than **7,500** buildings earned the ENERGY STAR in 2016, bringing the total to **29,500.**

ENERGY STAR FOR INDUSTRIAL PLANTS

- The ENERGY STAR program for industrial plants helped businesses save **$2.6 billion in energy costs in 2015**, contributing to cumulative energy cost savings of **$37 billion** since 1992.
- As of 2016, 30 diverse industrial sectors work with ENERGY STAR to strategically manage their energy use, from cookie and cracker bakeries and pharmaceutical plants to integrated steel mills and petroleum refineries.
- **87 industrial plants** earned the ENERGY STAR in 2016.
- 46 industrial plants achieved energy use reductions in the 2016 ENERGY STAR Challenge for Industry campaign.

ENERGY STAR FOR NEW HOMES

- The ENERGY STAR certified new homes program helped homeowners save **$360 million** in energy costs in 2015, contributing to cumulative energy cost savings of **$2.5 billion** since 1992.
- By choosing an ENERGY STAR certified home, homeowners can save up to **30 percent** on their energy bills, while enjoying better quality, performance, and comfort.
- In 2016, more than **92,000** ENERGY STAR certified new homes were built, bringing the total to **1.7 million** since 1995.
- As of 2016, **88 percent** of the nation's top homebuilders build ENERGY STAR certified homes.
- One out of every 10 homes built in 2015 was ENERGY STAR certified.

Find references and more statistics and methodologies at www.energystar.gov/about and www.energystar.gov/about/origins_mission/energy_star_numbers.