



Consumer Subgroup Analysis

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Excerpt from “Principles for the Analysis of Impacts on Consumers”

- “The Department will use regional analysis and sensitivity analysis tools, as appropriate, to evaluate the potential distribution of impacts of candidate standards levels on consumers. The Department will consider impacts on significant segments of society in determining standards levels. Where there are significant negative impacts on identifiable subgroups, DOE will consider the efficacy of voluntary approaches as a means to achieve potential energy savings.”

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Previous definitions of subgroups

- **RESIDENTIAL PRODUCTS:** in addition to the general population, impacts on two subgroups have been analyzed:
 - low income households (life cycle cost impacts)
 - elderly households (e.g., lower usage affects LCC of clothes washer and water heater standards)
- **FLUORESCENT LAMP BALLASTS:**
 - No subgroups were analyzed

Possible Consumer Subgroups for Distribution Transformers

- Utility-owned, non-utility-owned transformers (different energy pricing)
- Commercial and industrial customers (different loading)
- Public housing (low income population)