

# EPA & Green Building Research

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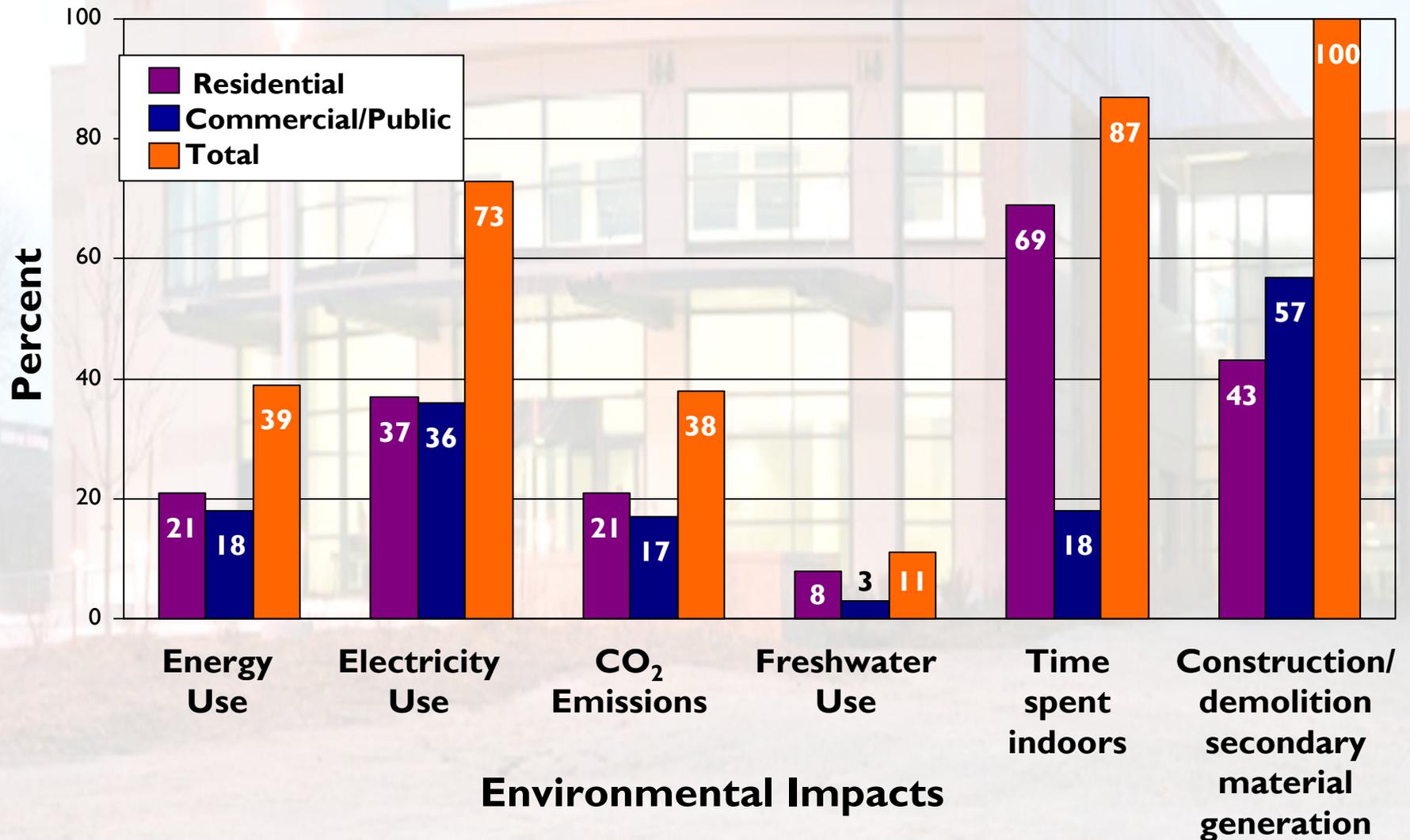
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*EPA Kansas City, KS Science & Technology Center:  
LEED Gold, Federal Energy Saver Showcase Facility*

# Environmental Impacts of Buildings



# Examples of EPA Green Building Programs

- Energy & Atmosphere:
  - Energy Star
  - Green Power
- Water:
  - Watersense
  - Green Infrastructure
- Indoor Air Quality:
  - Tools for Schools
  - Radon
- Land:
  - Brownfields
  - Smart Growth
- General or Sector-Based:
  - Sustainable Healthcare
  - Healthy Schools
  - Greening EPA
  - Sustainability Research

# EPA's New Green Building Strategy

- Goal: Facilitate the mainstream adoption of effective green building practices
- Objectives:
  - Advance knowledge and overcome barriers through **research**
  - Inform building decisions with better **standards and metrics**
  - **Lead by example** with the Agency's own facilities
  - **Expand public understanding** of green building
  - **Increase adoption of green building practices in sectors** where progress has been more limited
    - Focus on **existing commercial & public buildings and homes**

# Key EPA Research Interests

- A few key green building research topics:
  - Water
  - Siting
  - Products
- Examples of EPA collaboration:
  - U of TN: Gulf Coast rebuilding
  - Lifecycle Building Challenge

# Thanks for your time!



*EPA New England Regional Lab, Chelmsford, MA: LEED Gold*