Trends in Green Remodeling

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Research Questions

- Which green remodeling projects are growing in popularity?
- What type of firms do green remodeling projects?



Products in JCHS Green Remodeling Survey

PATH Remodeling Top 10

- 1. Air Sealing
- 2. Smartvent Ventilation/Ventilation Control Systems
- 3. HVAC Sizing- Right-sized HVAC
- 4. High Efficiency Toilets
- 5. Compact Fluorescent Lighting
- 6. High Performance Windows/Storm Windows
- 7. Wireless Lighting, Thermostats, and Other Controls
- 8. Solar Hot Water
- 9. Recycled/Renewable Flooring
- 10. Tubular Skylights

Additional products

Low-/No-VOC Paints, Finishes, and Adhesives

Tankless Water Heaters

Mold Resistant Gypsum Panels

Engineered Wood Wall Framing

Fiber Cement Siding

Structural Insulated Panels (SIPs)

Radiant Floor Heating

Photovoltaic Systems

Concrete Aggregate Substitutes

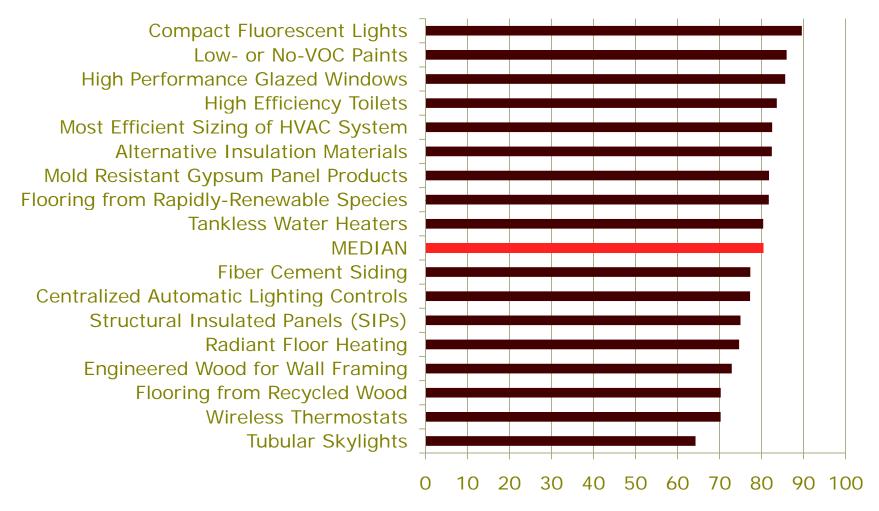
Green Roof Systems





Increasing Adoption Across All Technologies

Adoption Index, 2011:Q1



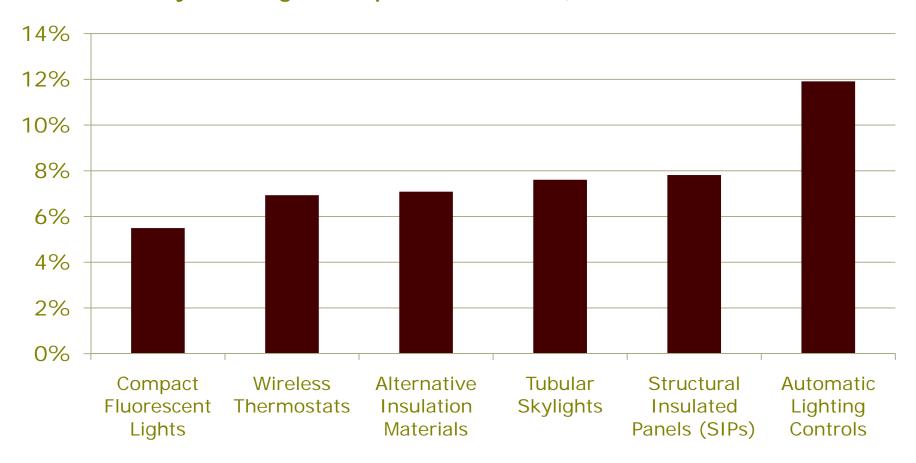
Notes: The adoption index for each product is calculated as: the share of respondents indicating increasing usage, plus half the share indicating the same level of usage. Products with low responses (<30) were excluded.

Source: JCHS National Green Remodeling Surveys, 2011:Q1.



Technologies Focused on Energy Conservation have Largest Gains in Adoption

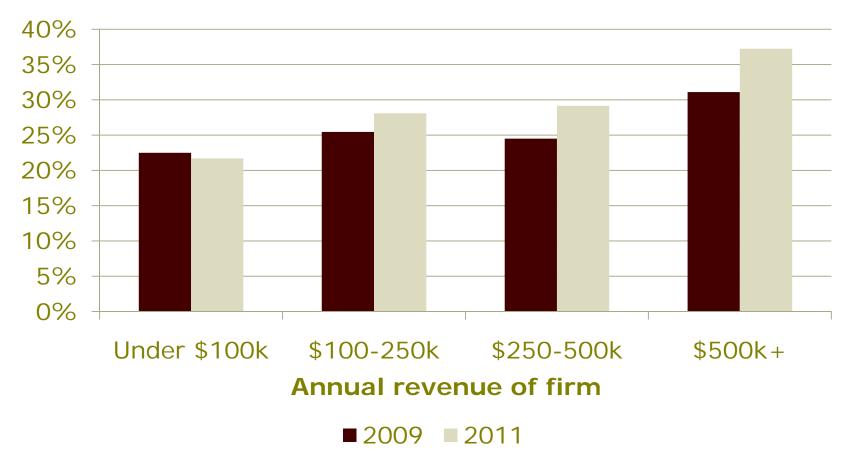
Projects with the largest increase in adoption index. Year-over-year change in adoption index for Q1, 2010-11.



Source: JCHS National Green Remodeling Surveys, 2010-2011.

Larger Firms Do More Green Remodeling

Share of projects in which energy efficiency and environmental sustainable projects were installed, average across all respondents

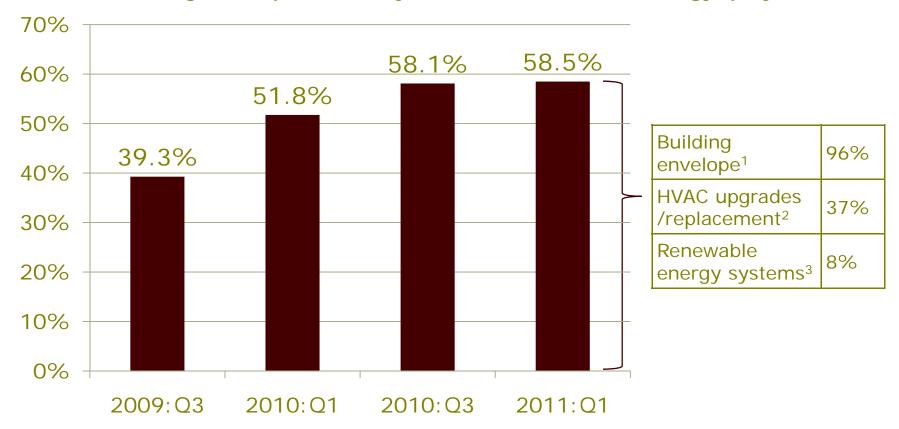


Source: JCHS National Green Remodeling Surveys, 2009-2011.



Steadying Share of Firms Have Worked on **Projects Eligible for Federal Energy Tax Credits**

Share of respondents who have worked on a energy tax credit project, which include building envelope¹, HVAC system², and renewable energy³ projects



¹Building envelope projects includes insulation, windows, doors, and roofing.

Source: JCHS National Green Remodeling Surveys, 2009-2011.

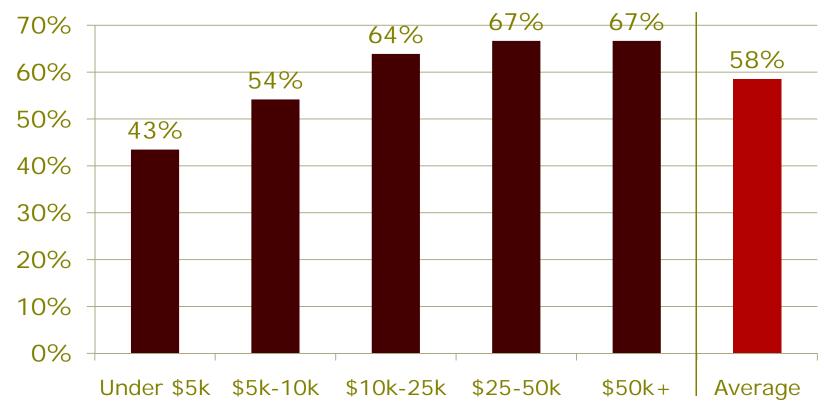


²HVAC systems includes heaters, furnaces, boilers, and air conditioners.

³Renewable energy systems includes solar, wind, geothermal, and fuel cell technologies.

Companies that do Large Projects are More Likely to do Tax Credit Projects

Share of firms that have worked on an energy tax credit project in the last year, 2011:Q1



Typical project size of firm

Source: JCHS National Green Remodeling Surveys, 2011:Q1