



Evaluating THE GREEN HOUSE[®] Model

The Green House approach is a radically new, non-institutional model that reinvents the experience of long-term care for elders. Elders receive needed assistance and care in small homes that meet all required state and federal regulatory and reimbursement criteria for licensure as skilled nursing facilities. NCB Capital Impact provides technical assistance, pre-development loans and ongoing support to Green House providers.

For more information, visit www.thegreenhouseproject.org or contact Marilyn Ellis at (703) 647-2313 or mellis@ncbcapitalimpact.org

As of September 2009, the National Green House Replication Initiative is active in 26 states with 58 homes open, 30 homes under construction and 98 homes in development (see map on reverse).

Three evaluations conducted between 2003 and 2009 examined numerous measures of care and satisfaction:

Green House elders relative to comparison group of nursing home residents^{1,2}

- **Improved quality of life:** Green House elders reported improvement in seven domains of quality of life (privacy, dignity, meaningful activity, relationship, autonomy, food enjoyment and individuality) and emotional well-being.
- **Improved quality of care:** Green House elders maintained self-care abilities longer with fewer experiencing decline in late-loss Activities of Daily Living. Fewer Green House elders experienced depression, being bedfast and having little or no activity.
- **Improved family satisfaction:** Green House families were more satisfied with general amenities, meals, housekeeping, physical environment, privacy, autonomy and health care.
- **Improved staff satisfaction:** Green House staff reported higher job satisfaction and increased likelihood of remaining in their jobs.

Green House homes relative to nursing home comparison sites³

- **Higher direct care time:** 23–31 minutes more per resident per day in staff time spent on direct care activities in Green House homes.
- **Increased engagement with elders:** More than a four-fold increase in staff time spent engaging with elders (outside of direct care activities) in Green House settings.
- **Less stress:** Direct care staff in Green House homes reported less job-related stress.
- **Improved care outcome:** Fewer in-house acquired pressure ulcers in Green House homes.

Role of direct-care workers⁴

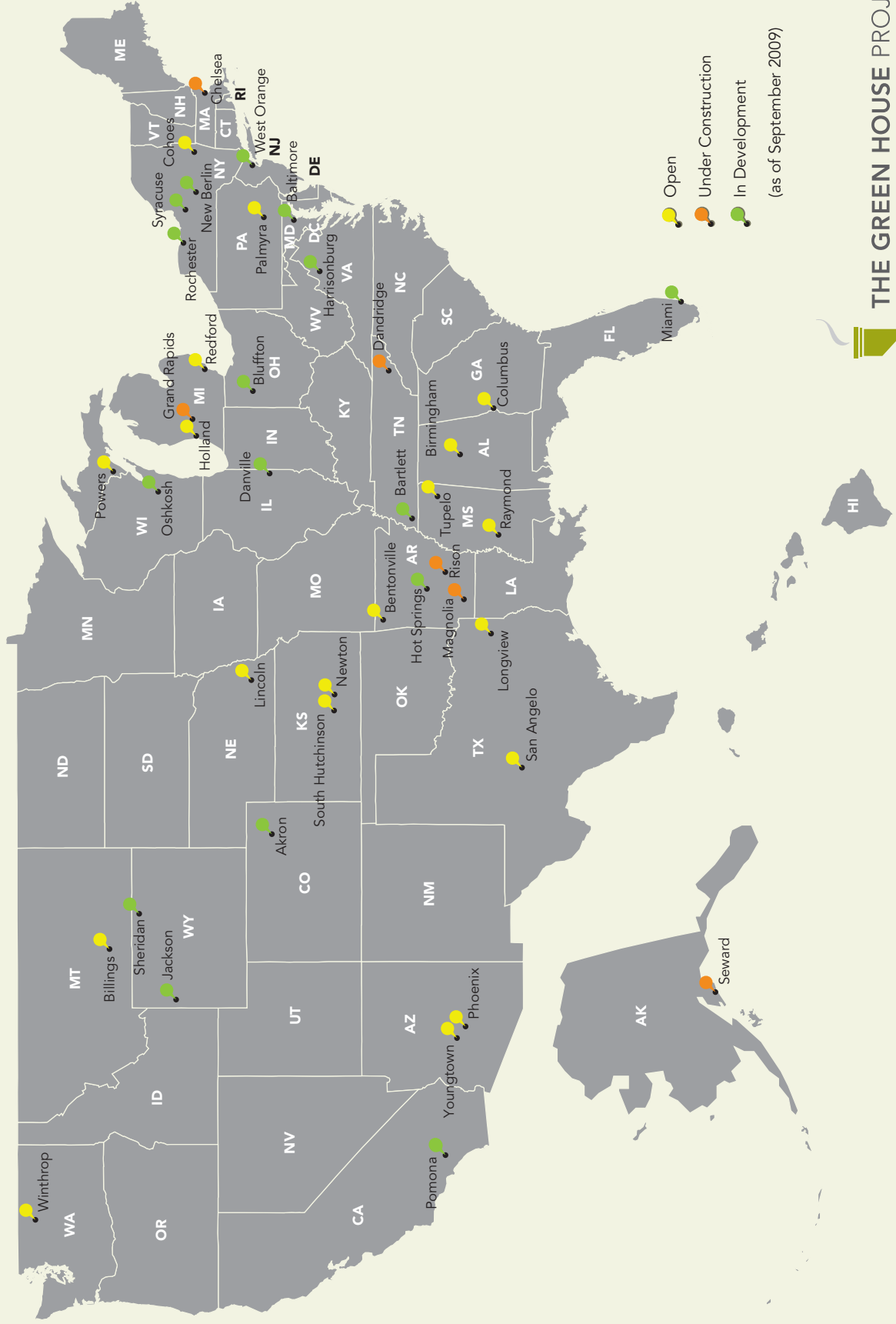
- **Comparable quality:** Removal of formal nurse supervision of direct care workers did not compromise care quality.
- **Timely intervention:** High level of direct care worker familiarity with elders led to very early identification of changes in condition, facilitating timely intervention.

1 Kane R, Cutler L, et al. "Resident Outcomes in Small-House Nursing Homes: A Longitudinal Evaluation of the Initial Green House Program," *Journal of the American Geriatric Society*, 55(6):832-839, June 2007.
2 Kane R, Cutler L, et al. "Effects of Green House[®] Nursing Homes on Residents' Families," *Health Care Financing Review*, 30(2):35-51, Winter 2008-2009.
3 Sharkey S, Hudak S, Horn S. "Analysis of Staff Workflow in Traditional Nursing Homes & THE GREEN HOUSE[®] Project Sites" Unpublished 2009.
4 Bowers B, Nolet K. "Exploring the Role of the Nurse in Implementing THE GREEN HOUSE[®] Model" University of Wisconsin Unpublished 2009.

THE GREEN HOUSE® PROJECT

Site Map

THE GREEN HOUSE® Project is a project of NCB Capital Impact and is funded by the Robert Wood Johnson Foundation.



- Open
 - Under Construction
 - In Development
- (as of September 2009)



THE GREEN HOUSE PROJECT
caring homes for meaningful livesSM