

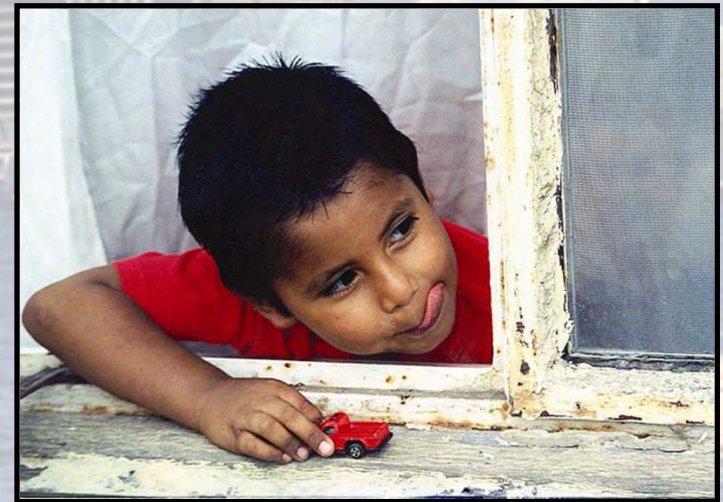


City of San Diego

THE SAN DIEGO HEALTHY HOMES COLLABORATIVE (SDHHC)

**Weatherization Plus
Health: San Diego
Regional Conference**

November 17, 2011





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San Diego Health Homes Collaborative

**Department of Housing and Urban Development
(HUD), Healthy Homes Demonstration Grants**

SDHHC 2007 - November 1, 2007 to October 31, 2010

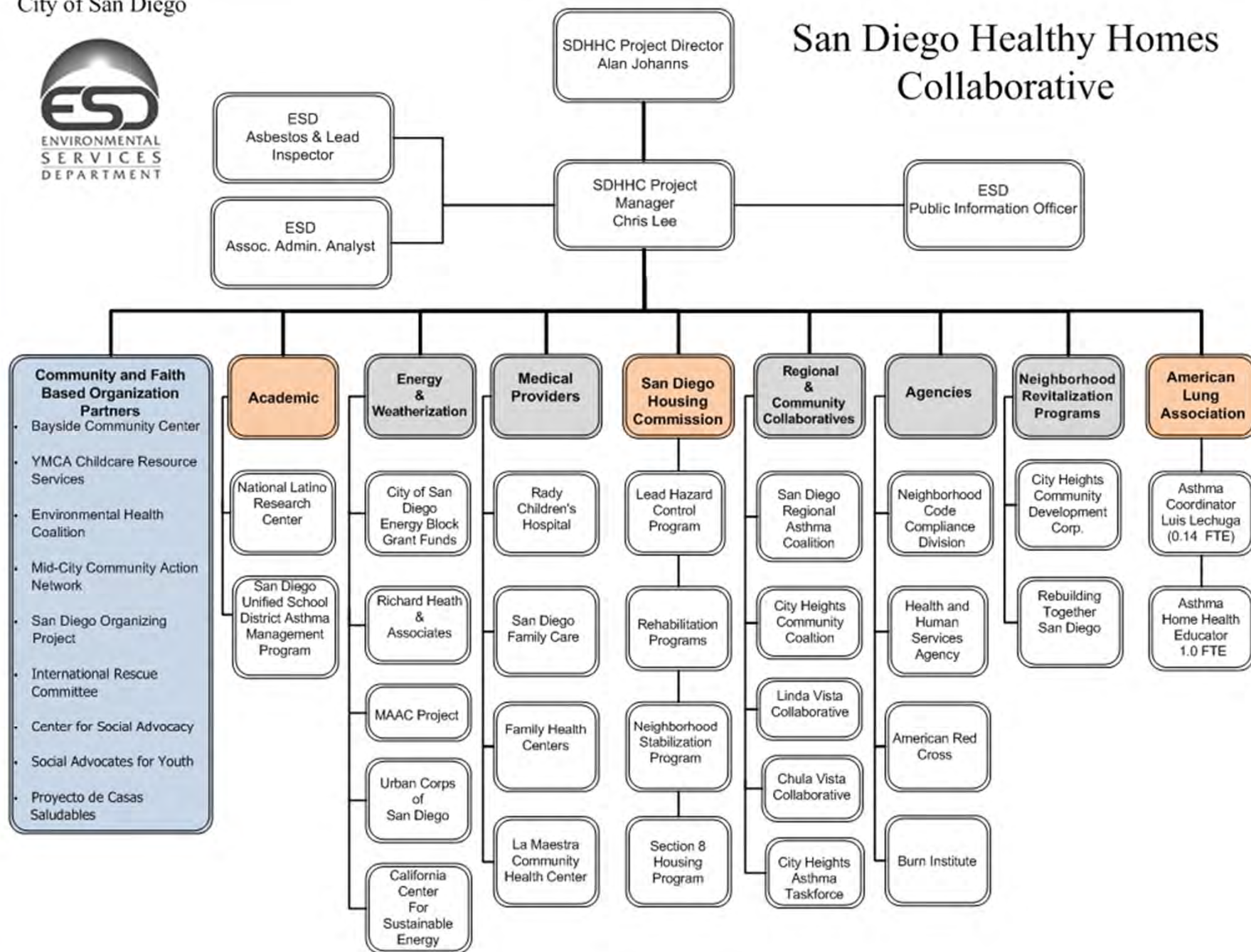
Grant funds	\$949,286
Matching funds	\$651,535
Total budget	\$1,600,821

SDHHC 2010 - June 1, 2010 to January 31, 2013

Grant funds	\$874,667
Matching funds	\$447,183
Total budget	\$1,319,486



San Diego Healthy Homes Collaborative





Grant Partners

Weatherization/Energy Programs

- **Urban Corps of San Diego County:** Weatherization, Energy Efficient, Rehabilitation (WEER) program
- **Richard Heath and Associates:** San Diego Gas and Electric (SDG&E) Energy Savings Assistance Program
- **Metropolitan Area Advisory Committee (MAAC) Project:** Weatherization Assistance Program
- **Grid Alternatives:** Installation of solar for low income homes
- **CA Center for Sustainable Energy:** Cross referrals and training



Grant Partners

- **The County Health Department, La Maestra Community Health Centers, Family Health Centers, and San Diego Family Care:** Referring families with asthmatic children into the program
- **The San Diego Regional Asthma Coalition:** Promoting SDHHC to the community
- **The San Diego Housing Commission:** Housing Rehabilitation, HOME Loan program and Lead Hazard Control Grants
- **The Burn Institute:** Smoke alarms and burn prevention trainings



Grant Partners

- **San Diego Unified School District's Asthma Management Project:** Connecting asthmatic children from schools to the SDHHC
- **Safe Kids San Diego's; Home Jr. Inspector Program:** Taught children to inspect their homes for safety during annual **American Red Cross** CPR Saturday event
- **YMCA Childcare Resource Service:** ECO-Healthy trainings to childcare providers
- **Rebuilding Together San Diego:** Identify homes that need significant repair and work together to maximize the improvements



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Urban Corps San Diego County

- Urban Corps provides a second chance to youth ages 18-25 through green job training and education
- Provide diverse environmental services, graffiti removal, recycling, home weatherization and community improvement services throughout San Diego County
- Corps members attend the onsite charter school 1 day per week to obtain their high school diploma





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Weatherization, Energy Efficiency, Residential Rehab (WEER)

Typical Scope of Work:

- **Caulking**
- **Weather stripping**
- **Broken window replacement**
- **Exterior rodent and vermin protection**
- **Battery operated smoke alarm installation**
- **Water Heater blanket replacement and installation**
- **Lo-flow shower head installation**
- **Replacement or installation of electrical outlet covers and gaskets**
- **Washing down of bathroom mold & mildew and repainting**
- **Security and screen door replacement/ installation**
- **Solar Tube Installation**



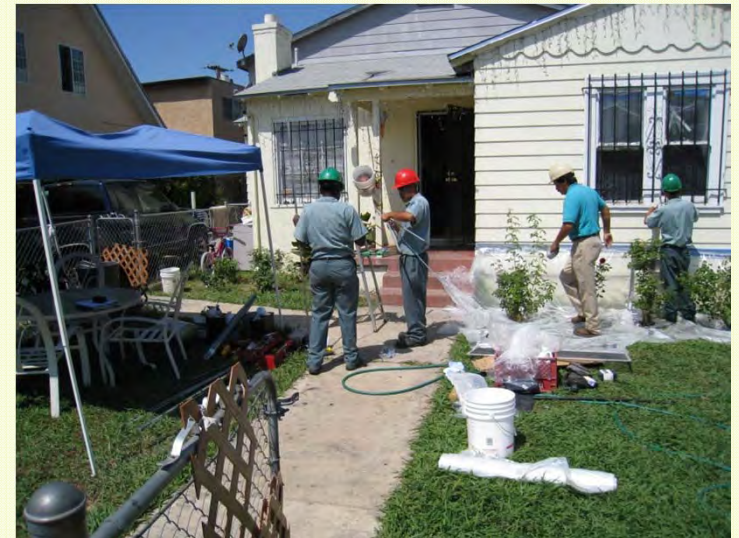


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SDHHC/Urban Corps Partnership

- **Cross referrals into each other's programs**
- **SDHHC provided initial income verification, enrollment, assessment of property, and develop scope of work**
- **Communication system for sequencing and scheduling the work in home**
- **Provide financial resources in each home to maximize the improvements in the home**





Keys to Successful Partnerships

- **Good understanding of each others goals and objectives**
- **Keep Partners engaged!**
 - ✓ **Regular partner meetings with updates on progress of program/partnership**
- **Keep referral process as easy as possible – email, fax, phone call**
- **Create agreed upon reporting format – keep it simple**



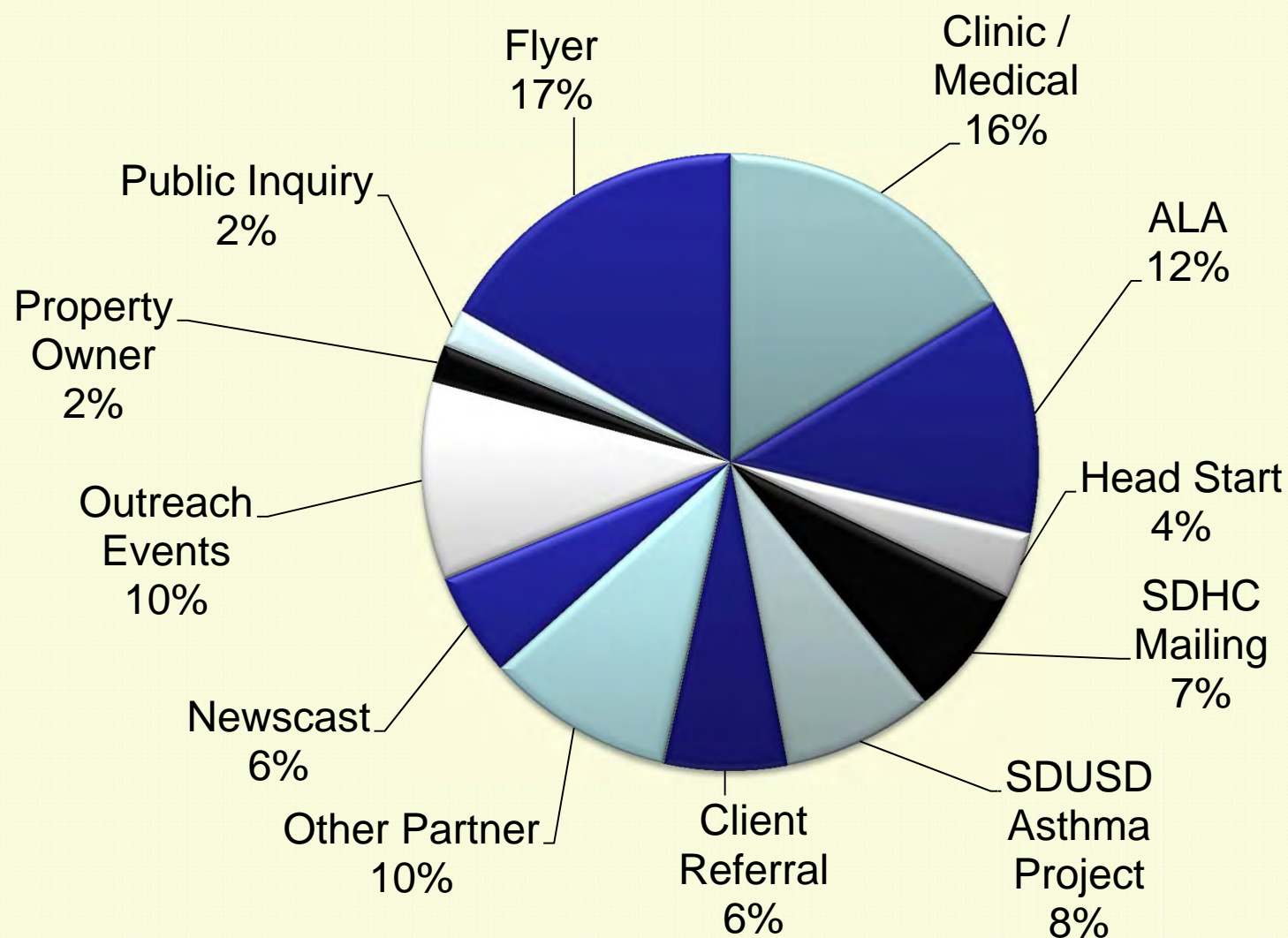
Challenges for Partnerships

- **Partner financial resources may change**
- **Units had previously been enrolled in partner programs and are not eligible**
- **Incentives for referrals from the weatherization/energy side**
- **Enrollment qualifications and paperwork is not always seamless between programs**
- **Competition for same funding sources**



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SDHHC 2007 Recruitment / Enrollment





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SDHHC Interventions

- Lead Dust /Paint
- Allergens – Super Cleaning
 - ✓ Dust Mites & Roaches
- Plumbing – Minor repairs
- Mold Abatement
- Carpet Replacement
- Integrated Pest Management Control (IPM)
- Safety Hazards – install smoke detectors, child safety latches, etc.
- Weatherization/energy efficiency work





SDHHC 2007 Intervention - Costs

228 Units	Program Costs	Partner Match	Total
Average Cost Per Unit	\$683	\$1,024	\$1,707

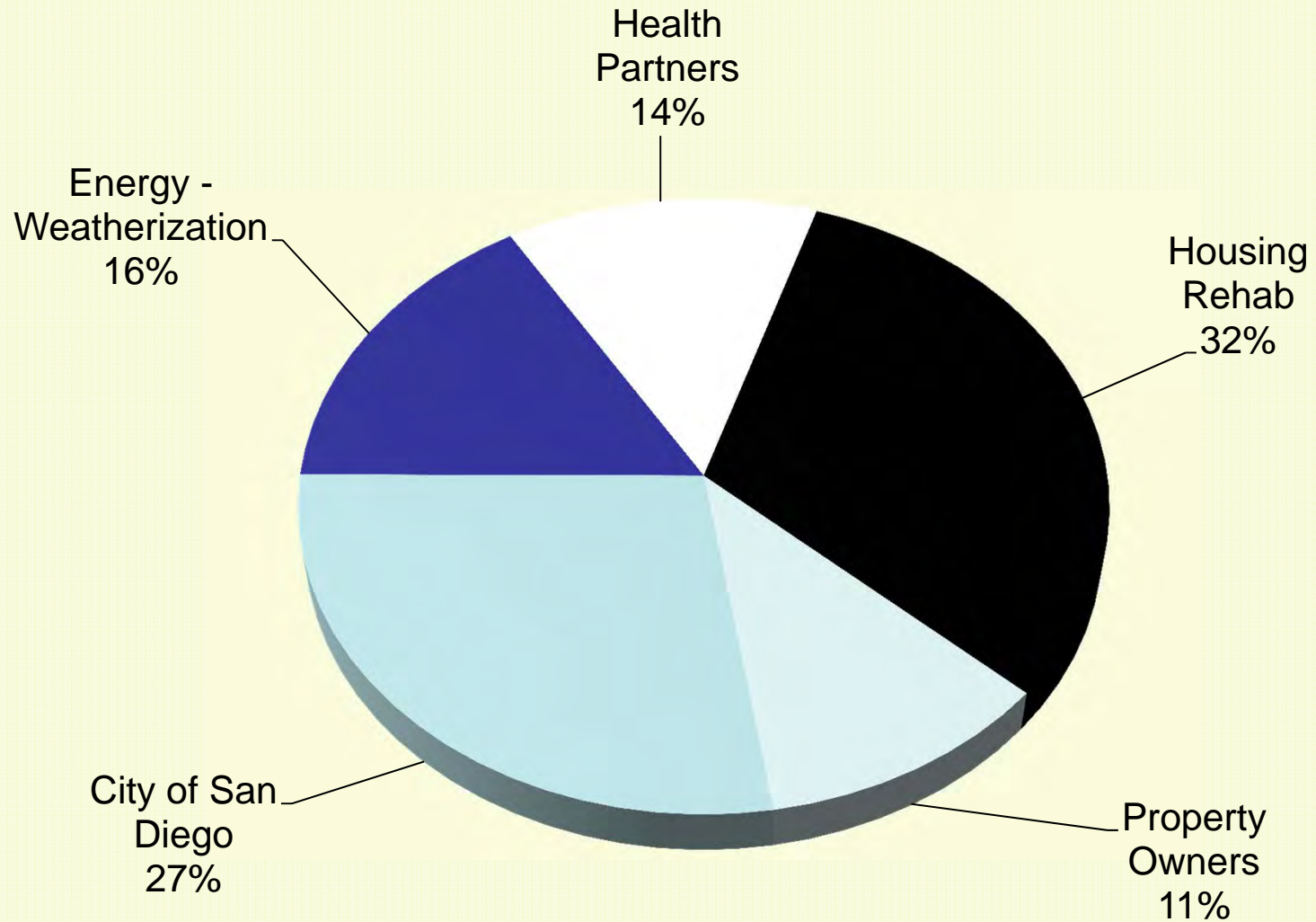
Primary Program Costs (HUD funded)

- **Minor construction in 160 units at an average cost of \$539 per unit**
- **Pest control services in 191 units at an average cost of \$114 per unit**
- **Cleaning services in 217 units at an average cost of \$194 per unit**



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Significant Match Contributions





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Before



After



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Before





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After





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Roof Leak Damage





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Repaired Ceiling

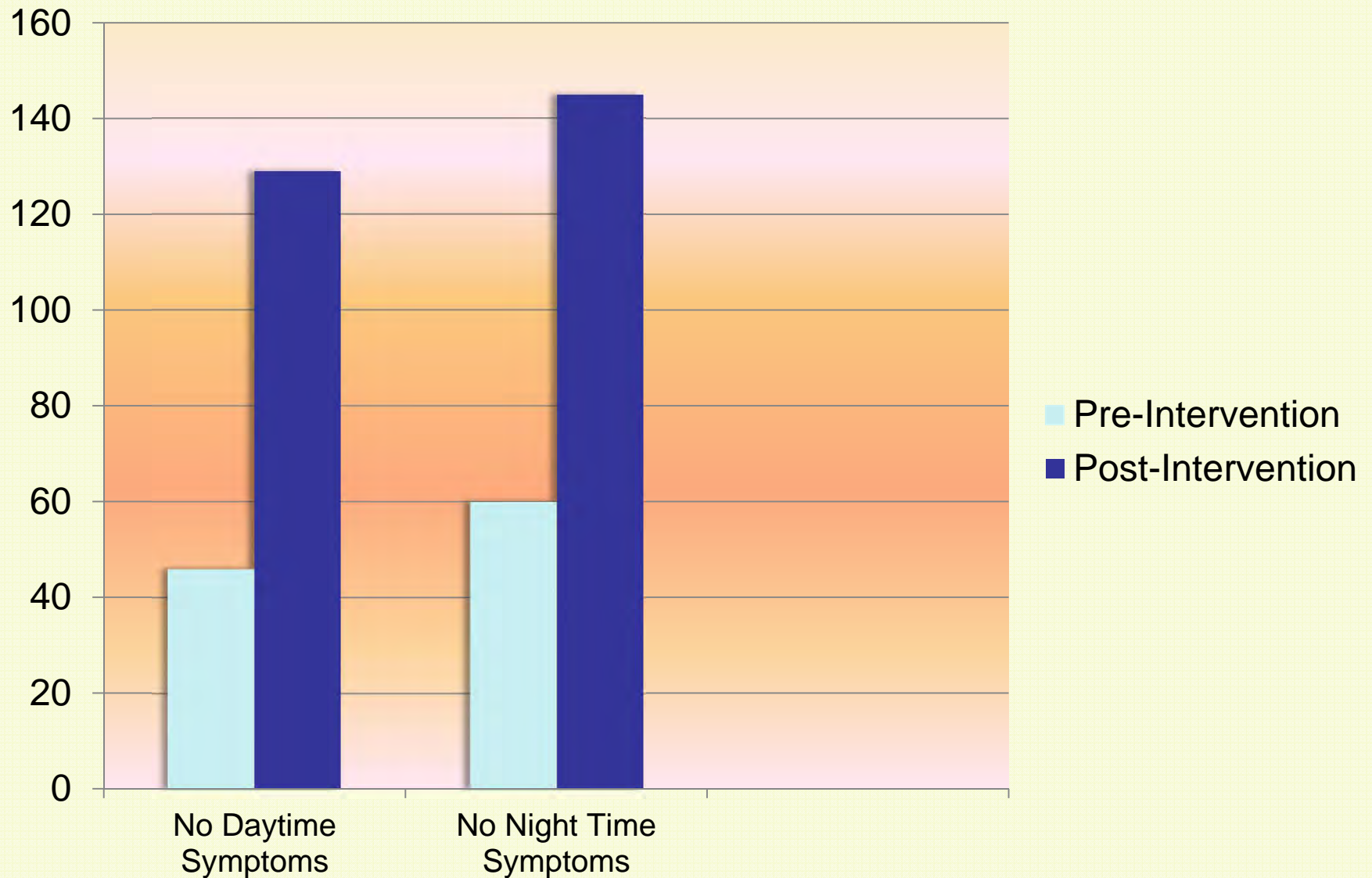




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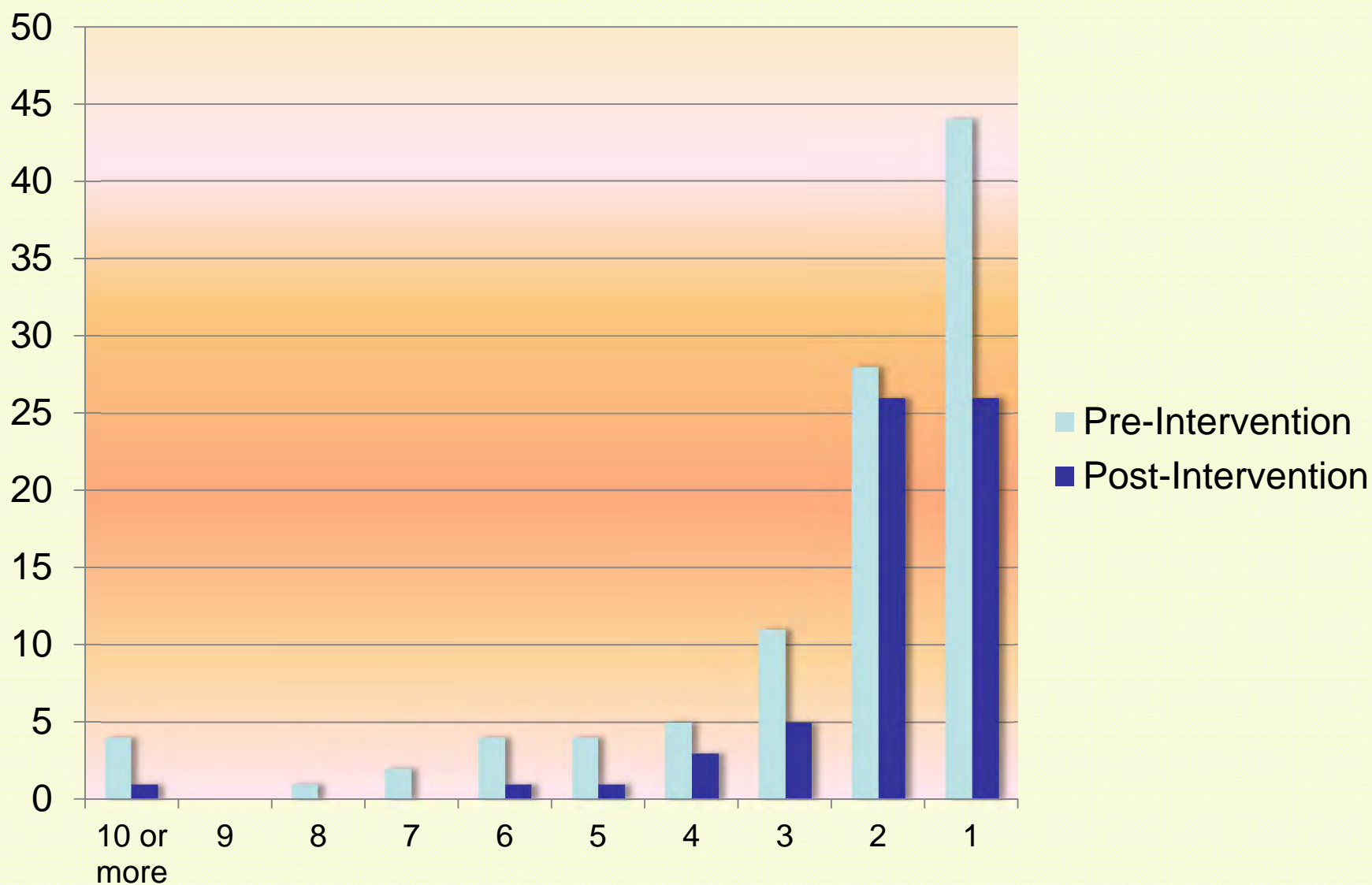


SDHHC 2007 - Elimination of Asthma Symptoms





SDHHC 2007 - Urgent Care Visits Related to Asthma





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Partnerships help sustain our programs and by leveraging each other resources and expertise, the homes in our communities will be healthier and more energy efficient!

Alan Johanns

***Lead Safety and Healthy
Homes Program Manager***

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www.SDHealthyHomes.org