




## Healthy Homes at CDC.

Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately, evidence-based and cost-effective solutions exist.

Healthy homes programs at CDC are instrumental in equipping states, communities, decision makers, and the general public with the right data, evidence-based practices, funding, and information to improve health outcomes. The programs highlighted below collect and provide data critical to screening and prevention efforts; support states and communities that conduct surveillance, provide education, and coordinate services; and provide guidance for clinicians and other professionals. CDC's work also supports and complements other programs and departments across the federal government (e.g., HUD, EPA, HHS, DOE). For more information on why support for all federal healthy homes programming is critical, including within CDC's parent department of Health and Human Services, please see NCHH's other agency fact sheets.

<p><b>HEALTHY HOMES AND LEAD</b> Childhood Lead Poisoning Prevention Program</p>	<p></p> <p><b>Collects screening data to target prevention</b> in high-risk areas.</p> <p><b>Awards grants to states and cities</b> for blood lead surveillance, education, coordination, and local program development.</p> <p><b>Provides guidance</b> to clinicians and allied professions.</p>	<p></p> <p>Base funding of <b>between \$15 and \$35 million</b> (FY14-FY19).</p> <p>Near-elimination in FY12-FY13.</p> <p>Prior to 2012, its funding level was <b>as high as \$42 million</b>.</p> <p><b>49 states and 11 cities or counties</b> currently receive funding from this program.</p>	<p></p> <p>The percentage of children testing with high blood lead has declined over 90% since 1997, but <b>535,000 children still have levels above the CDC reference value</b>.</p> <p>Keeping blood lead levels of children born in 2018 at zero would generate <b>\$84 billion in benefits</b>, including nearly \$18.5 billion for the federal government.</p>
<p><b>ASTHMA</b> National Asthma Control Program</p>	<p>Funds states, localities, and others to <b>improve</b> asthma surveillance, <b>build</b> coalitions that implement interventions, <b>translate</b> asthma guidelines into public health practice, <b>collect and analyze</b> data not available elsewhere, and <b>increase</b> asthma awareness.</p>	<p>Funded at <b>between \$25.3 and \$30.9 million</b> since 2010.</p> <p>The program has supported <b>asthma control programs in 34 states, the District of Columbia, and Puerto Rico</b>.</p>	<p>NACP provides an <b>estimated return on investment of \$71 saved for each dollar spent</b>, a significant opportunity as asthma costs the U.S. an estimated \$63 billion a year.</p>
<p><b>EPHT</b> Environmental Public Health Tracking</p>	<p>Delivers a core set of health, exposure, and hazards data, information, and tools to enable <b>analysis, visualization, and reporting of insights drawn from data</b>.</p>	<p>Funded at about <b>\$34 million</b> since 2010.</p> <p>Supports environmental public health tracking <b>programs in 25 states and one city</b>.</p>	<p><b>Provides 23 datasets, 124 indicators, and 449 health measures</b> for public use on data such as air quality, water, asthma, and birth defects.</p>
<p><b>EHL</b> Environmental Health Laboratory</p>	<p>Helps states <b>measure and track exposure</b> to harmful chemicals, including those that may come from the home by providing <b>funding, expertise, training, and quality assurance</b> to state public health laboratories.</p>	<p>Funded at <b>between \$43.4 and \$65.7 million</b> (FY10-FY19).</p> <p>Currently funds <b>6 awardees</b> (representing <b>9 states</b>) a total of \$5 million annually.</p>	<p>Measures and publishes findings related to more than <b>300 priority environmental chemicals</b>.</p> <p><b>Conducts or collaborates on more than 75 studies</b> annually to help identify harmful or abnormally high exposures.</p>






# U.S. Department of Energy

2019 Healthy Housing Fact Sheet | Critical Programs and Services



## Healthy Homes Issues at DOE.

Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately, evidence-based, cost-effective solutions exist. Through these programs and others, DOE works to improve energy efficiency and create healthier environments in both new and existing homes by educating people about ways to make homes healthier and more efficient, developing innovative solutions, and sharing best practices widely. DOE's work also supports and complements other programs and departments across the federal government (e.g., CDC, EPA, HHS, HUD). For more information on why support for all federal healthy homes programming is critical, please see [NCHH's other agency fact sheets](#).

			
<b>WAP</b> Weatherization Assistance Program	Provides grants to states to <b>reduce energy costs, increase energy efficiency, and complete certain home health and safety measures</b> within low-income households.	Funding has <b>increased from \$210 million (FY10) to \$254 million (FY19)</b> .  Supports <b>8,500 jobs</b> and provides weatherization services to <b>35,000 homes</b> per year.	For every \$1.00 invested, <b>\$1.72 is generated in energy benefits and \$2.78 in non-energy benefits</b> (such as avoided healthcare costs and increased productivity).  Ten-year totals for health- and household-related (non-energy-related) <b>benefits are \$14,148 per unit</b> .
<b>Energy Star®</b> Home Performance with Energy Star	Incentive program that puts homeowners in contact with specialized contractors to <b>assess and improve the energy expenditure, quality, and affordability</b> of their homes.	<b>Residential Buildings Integration</b> (parent program of the three initiatives below) was funded at about <b>\$28 million</b> in FY19.  As of 2016, there were <b>45 active program sponsors</b> .	<b>Saves homeowners up to 20%</b> on utility bills.  Over <b>500,000 projects have been completed</b> (2015).
<b>Partnerships and Research</b> Building America	Research and development program that partners with building industry contractors and laboratories to <b>provide proven, effective, and innovative energy-efficient solutions</b> in new homes.	<b>11 Building America partnership awards totaling \$8.5 million</b> were announced in January 2019.	Estimated an average of \$14 in homeowner savings per every federal dollar spent.  Has <b>helped households save up to \$54 billion</b> since 1995.
<b>Best Practices</b> Better Buildings® Initiative	Provides <b>innovative solutions to building owners</b> in both the private and public sectors to <b>reduce energy waste and create better living and working environments</b> through building quality improvement.	Between 2011 and 2017, <b>37 financial allies committed \$7 billion</b> for efficiency projects.  In 2017 alone, more than <b>35 partners and allies</b> joined the Better Buildings Challenge, <b>committing \$650 million for efficiency projects</b> .	From 2011-2019, awarded \$4.2 billion across 340 projects, <b>reducing energy spending by \$8 billion</b> .  <b>Provided over 1,000 solutions</b> (proven energy and water strategies).




## Healthy Homes at EPA.

Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately evidence-based, cost-effective solutions exist. EPA works to create and enforce standards for healthy homes, educate, equip and train individuals and organizations, and provide support for state programs. Highlighted below is only some of EPA's healthy housing work, and EPA's work also supports and complements other programs and departments across the federal government (e.g., CDC, HUD, HHS, DOE). For more information on why support for all federal healthy homes programming is critical, please see NCHH's other agency fact sheets.

<p><b>LEAD</b> Lead Risk Reduction Program</p> <p>Lead Categorical Grants Program</p>	<p></p> <p>Updates and supports implementation of <b>lead hazard standards</b>.</p> <p><b>Requires lead-safe work practices</b> and ensures paint hazards are <b>abated safely</b>.</p> <p>Ensures treatment of residential <b>drinking water</b>.</p> <p>Ensures <b>disclosure of known lead</b> during rent or sale.</p>	<p></p> <p>The Lead Risk Reduction Program has <b>decreased from \$14.3 million to \$12.8 million</b> (FY10-FY19).</p> <p>Grant funding totals <b>\$14 million</b>; includes grants to 39 states, DC, and Puerto Rico. Funding awarded based on state-specific lead burden and prevention programs.</p>	<p></p> <p>Almost <b>90,000 certified Renovation, Repair, and Painting (RRP) firms</b> (2017).</p> <p>Rigorous <b>enforcement of the RRP rule would return \$3.10 for every dollar</b> invested.</p>
<p><b>RADON</b> Indoor Air: Radon</p> <p>Radon Categorical Grants Program</p>	<p>Promotes <b>actions to reduce health risks from radon</b> (National Radon Action Plan).</p> <p>Promotes <b>radon-reducing features in new</b> home and school construction and <b>test/fix radon in existing</b> homes.</p>	<p>Indoor Air: Radon funding has <b>decreased from \$5.8 million to \$2.9 million</b> (FY10-FY19).</p> <p>Radon Categorical Grants are <b>annually funded around \$8 million</b>; states are required to provide a 40% match to grant funds.</p>	<p><b>Reduced high radon levels in 1.1 million homes</b> and included radon-resistant features in <b>1.9 million new homes</b>.</p> <p><b>Increased partnerships</b> between national, state, local, and private stakeholders.</p>
<p><b>IAQ</b> Reduce Risk from Indoor Air</p>	<p><b>Educates and equips individuals and organizations</b> to reduce health risks from poor indoor air quality, including <b>radon, secondhand smoke, carbon monoxide exposure, and asthma triggers</b> like mold, pests, and dust.</p>	<p>Funding has <b>decreased from \$20.7 million to \$13.3 million</b> (FY10-FY19).</p> <p>Since 2012, this office has awarded <b>over \$9.3 million in 46 cooperative agreements</b>.</p>	<p>Trained over <b>45,000 healthcare professionals</b> to address environmental asthma management as part of comprehensive asthma care.</p> <p>Built capacity in <b>884 community-based programs to deliver environmental asthma interventions</b> as of FY17.</p>
<p><b>CHILDREN</b> Children and Other Sensitive Populations: Agency Coordination</p>	<p><b>Ensures that EPA programs protect children's environmental health</b> by developing regulations, improving policy, implementing community-level programs, and collecting/interpreting data.</p>	<p><b>Funded at about \$7 million</b> since 2010.</p>	<p><b>Contributes to strategic plans</b>, provides data and technical assistance to other programs, conducts outreach to healthcare providers, and <b>leads interagency efforts</b>.</p>

## Healthy Homes at HHS.




Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately, evidence-based, cost-effective solutions exist. Healthy homes programs at HHS **work to educate people about ways to make homes healthy and combat the hazards posed by unhealthy housing.** The programs highlighted below, which cover topics including maternal and child healthcare, home visiting services, and home energy needs, **illustrate the intersection of health and housing issues.** HHS' work also supports and complements other programs and departments across the federal government (e.g., CDC, EPA, HUD, DOE). For more information on why support for all federal healthy homes programming is critical, including within HHS at the Centers for Disease Control and Prevention, please **see NCHH's other agency fact sheets.**

			
<p><b>TITLE V</b> Title V Maternal and Child Health Services Block Grant Program</p>	<p>Provides funds to states for <b>pre- and postnatal care, health assessments, and preventive child health services</b>, such as immunizations care, targeted at low-income and at-risk communities.</p>	<p>Funded at <b>between \$662 million and \$634 million</b> since 2010.</p> <p><b>State/local recipients provide \$3 in matching funds</b> for every \$4 in federal funds.</p>	<p>In FY17, nearly <b>56 million mothers and children nationwide benefitted from a Block-Grant</b> supported service.</p>
<p><b>LIHEAP</b> Low Income Home Energy Assistance Program</p>	<p>Provides <b>assistance to low-income households with energy needs</b>, such as heating in winter and home repair.</p>	<p>Funded at <b>between \$3.3 and \$4.5 billion</b> since 2010.</p>	<p>In FY17, <b>48 states provided an estimated \$374 million in assistance for weatherization or energy-related home repair.</b></p>
<p><b>HOME VISITING</b> Maternal, Infant, and Early Childhood Home Visiting Program</p>	<p>Provides <b>home visits to low-income expectant parents and families of young children</b> to set goals and measure outcomes in health, development, education, and other areas.</p>	<p>Funded at about <b>\$400 million</b> since 2013, supporting <b>grants in all 50 states, territories, and tribal organizations.</b></p>	<p>In FY17, programs in 50 states, DC, and five territories served approximately 80,000 families. <b>Over 4.2 million home visits have been provided over the past six years.</b></p>
<p><b>CHIP</b> Children's Health Insurance Program</p>	<p>Provides <b>health insurance coverage to low-income children.</b></p>	<p>Through the Health Services Initiative, states can use up to 10% of expenditures for non-traditional services, including <b>lead prevention and abatement in paint, water, and soil.</b></p>	<p><b>19 states are using CHIP funds for nontraditional services</b> (2017). Michigan and Maryland both have HSI programs using CHIP funds for lead abatement in homes.</p>

## Healthy Homes at HUD.




Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately, evidence-based, cost-effective solutions exist. Healthy homes programs at HUD **work to provide safe, decent, and sanitary homes and combat the hazards posed by unhealthy housing.** In fact, recent research showed that children living in federally assisted housing had significantly lower blood lead levels compared to children from similar backgrounds who did not receive housing assistance.

The programs highlighted below include only some of HUD's mechanisms for providing safe and affordable housing. **Many of HUD's other programs, including public and tribal housing, housing choice vouchers, project-based Section 8, and multifamily assisted housing, also spend funds on lead hazard identification and control.** Further, HUD's work also supports and complements other programs and departments across the federal government (e.g., CDC, EPA, HHS, USDA, DOE). For more information on why support for all federal healthy homes programming is critical, please **see NCHH's other agency fact sheets.**

			
<p><b>OLHCHH</b> Office of Lead Hazard Control and Healthy Homes</p>	<p>Supports state and local programs to <b>reduce lead hazards from paint, dust, and soil</b> in homes.</p> <p><b>Enforces the Lead Safe Housing Rule and other regulations,</b> together with program offices.</p> <p>Ensures <b>disclosure of known lead</b> during rent or sale.</p>	<p><b>FY19 funding was \$279 million,</b> the highest appropriation for this office to date.</p>	<p>HUD estimates that <b>265,000 more children would have been lead poisoned in 2010</b> without OLHCHH actions to control hazards in homes.</p> <p>Removing lead paint hazards from older housing provides a <b>\$1.39 return for every \$1 invested.</b></p>
<p><b>CDBG</b> Community Development Block Grants</p>	<p>Many states and localities use these funds to <b>provide match funding for HUD lead and healthy homes grants</b> and for making affordable homes lead-safe when rehabilitating them.</p>	<p><b>FY19 funding was \$3.3 billion,</b> level with FY18. (FY18-19 represent the highest appropriations since 2011.)</p>	<p>FY17 grants funded <b>rehabilitation, construction, or modernization to almost 71,000 households,</b> including over 2,000 abatements, 7,500 interim control interventions, 61,000 instances of lead-safe work practices, 1,800 energy efficiency improvements, and 2,600 individual lead screenings.</p>
<p><b>HOME</b> HOME Investment Partnership Program</p>	<p>HOME grants to state and localities are used for <b>building, buying, and rehabilitating affordable housing.</b></p>	<p><b>FY19 funding was \$1.25 billion.</b></p>	<p>HOME funds have <b>rehabilitated over 540,000 units and built another 325,000.</b></p>

#### Healthy Homes across Agencies.

Forty percent of U.S. homes have at least one significant health or safety hazard that places American families at unnecessary risk for injuries and illness, such as lead poisoning, asthma, carbon monoxide exposure, fire, and lung cancer; fortunately, evidence-based, cost-effective solutions exist. The programs below provided by multiple government agencies cover topics including the **comprehensive health and well-being of families, safe and affordable rural housing, and supportive services in conjunction with housing vouchers for veterans**. The diverse HHS, HUD, USDA, and VA programs outlined here, demonstrate the healthy housing work being done across agencies. This work also supports and complements other programs and departments across the federal government (e.g., CDC, HHS, HUD, EPA). For more information on why support for all federal healthy homes programming is critical, please **see NCHH's other agency fact sheets**.

<p><b>USDA</b> WIC Program</p>	<p></p> <p>Provides services including health screening, nutrition, breastfeeding, and counseling to <b>low-income women, infants, and children</b>. <b>Screens and refers participants</b> for other health services, including child lead screening.</p>	<p></p> <p>Funded between <b>\$6.4 (FY08)</b> and <b>\$6.1 billion (FY19)</b>. Available in all 50 states, 34 tribal organizations, all 5 major U.S. territories, and the District of Columbia.</p>	<p></p> <p>WIC services delivered within the first 60 days after birth result in healthcare <b>savings of \$1.77 to \$3.13 for every dollar spent</b>. Reached <b>7 million women, infants, and children in 2018</b>.</p>
<p><b>USDA</b> Rural Housing Service</p>	<p><b>Lends directly</b> to low-to-moderate-income single-family and multifamily residents to <b>build, buy, or rent safe, affordable housing in rural areas</b>. Also funds community facility programs that prioritize healthcare and education.</p>	<p>Funding increased from <b>\$15 billion (FY10)</b> to <b>\$30.3 billion (FY19)</b>. Works with partners to <b>leverage funding from other sources</b> such as private lenders, nonprofit organizations, and state and local agencies.</p>	<p>In 2017, for <b>every USDA dollar invested, approximately \$4 was invested by public and private partners</b>.</p>
<p><b>HHS</b> Head Start</p>	<p>Delivers services to <b>support the comprehensive health and development of children up to age five</b>. Provides opportunities for <b>home visits and early intervention</b> for children exposed to lead.</p>	<p>Funding increased from <b>\$6.9 billion (FY08)</b> to <b>\$10 billion (FY19)</b>.</p>	<p>Provides services to <b>over a million children every year, in every U.S. state and territory</b>. In 2017, approximately <b>71,000 Head Start families received housing assistance</b>, such as subsidies, utilities, and repairs.</p>
<p><b>HUD/VA</b> Veteran's Housing (VASH Program)</p>	<p>Provides <b>housing vouchers and supportive services, such as healthcare, to veterans and their families experiencing homelessness</b> to obtain permanent housing in privately owned units.</p>	<p>Funding decreased from <b>\$75 million (FY09)</b> to <b>\$40 million (FY19)</b>.</p>	<p>At the end of FY18, there were <b>78,234 veterans using a HUD-VASH voucher</b>. Since 2008, the HUD-VASH program has awarded more than <b>93,000 vouchers</b> and served approximately <b>150,000 homeless veterans</b>.</p>