

Jacksonville Health Zone 1 Community Partnership, Florida

Partnership: The Health Zone 1 (HZ1) community partnership promotes Healthfields through the safe reuse of contaminated properties, increased access to healthy foods, increased access to safe places to play and walk, and local health care services.

Goal: To promote Healthfields through safe reuse of contaminated properties

- Increased access to healthy foods
- Safe places to play and walk
- Local health care services for residents

Community and population:

- Urban core of Jacksonville (1 of 6 Health Zones established to address health disparities in diverse areas of the county)
- Range of land uses: city's port; downtown commercial core; surrounding historic homes and residential areas
- 81% minority population; 31% of Duval County's black population
- Highest poverty rates in Duval County: 29.6% of the population



Environmental concerns

- Environmental challenges from industrial past
- 130 land reuse sites including brownfields, waste cleanup sites, 10 former dry cleaner sites,
- 33 Superfund sites
- Air quality issues and impaired waterways
- Environmental contaminants: lead, polychlorinated biphenyls, volatile organic compounds, and others



Health concerns

- Death rates in Duval County higher for blacks than whites
- Highest total death rate (1104 per 100,000 population, adjusted for age differences)

Life Expectancy for an Infant
by Health Zone Duval County, Florida, 2010

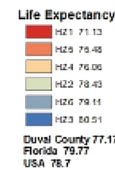
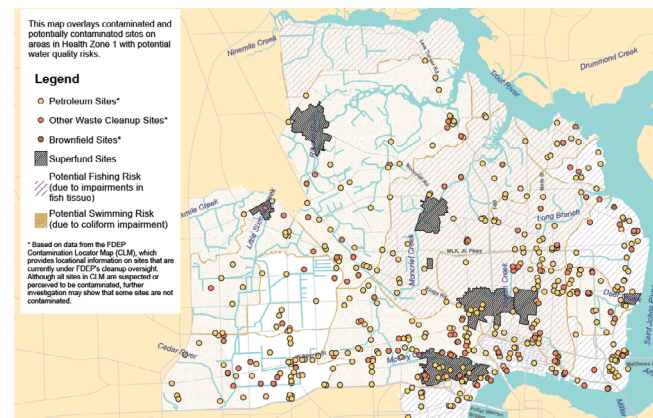


Image of Jacksonville Health Zone 1 (HZ1). Source: Florida Department of Health (FDOH) - Duval



Map of contaminated and potentially contaminated sites in Jacksonville. Source: Jacksonville Integrated Planning Project, SKEO Solutions, United States Environmental Protection Agency, 2012.



**U.S. Department of
Health and Human Services**
Agency for Toxic Substances
and Disease Registry

Good news!

Assets that can be leveraged to improve quality of life:

- Land available for gardens and recreational areas
- Infrastructure available for new development and jobs
- Community concern and involvement



Carrots planted by children in a new community garden in Health Zone 1 (Ballogg, 2015)

BROWN assistance and collaboration

- \$150,000 ATSDR grant awarded to Florida Department of Health (FDOH) - Duval for Healthy/Fresh Food Initiative in HZ1; partnerships with Eastside Environmental Coalition (EEC), Sundance Urban Farms, and Groundworks Jacksonville to address disparities in HZ1
- Laptop donated by FDOH to EEC (funded by Healthy/Fresh Food Initiative in HZ1) allowing increased internet and social media presence and outreach
- BROWN resources and ATSDR Land Reuse Toolkit used by EEC and FDOH-Duval to expand redevelopment activities and build skills
- HZ1 BROWN resource guide: links for technical assistance scholarships, community supported agriculture, and food systems/food production
- soilSHOP event in 2016: tested 35 samples from 26 yards; lead health education for 72 participants
- Follow-up soilSHOP event repeated in 2017 and 2018; FDOH-Duval follow-up showing high soil levels at 2 residences
- 4 community and 4 school gardens created by FDOH-Duval and partners; gardening and environmental education for students and locals
- Environmental toxicology/risk curriculum created by FDOH-Duval and partners for outreach to residents affected by contamination
- Resources supporting economic development through land reuse (land banking and site inventory development)
- BROWN Site Screening Tool used by FDOH to inventory 138 land reuse sites in Duval County, 100 in HZ1
- Connection with EEC by 2 Illinois land banks (Cook County and South Suburban Mayors and Managers Association) to discuss forming a land bank
- \$250,000 donation from General Electric to non-profit Jacksonville AGAPE for heart disease screenings for 10,000 residents
- EEC partnership with the FDOH-Duval and St. Vincent's Mobile Health Care to fund mobile clinic for accessible/affordable health care
- Local pediatrician planning to site a clinic for children in HZ1
- BROWN partner outreach resulting in new shared local space with large outdoor area for community events

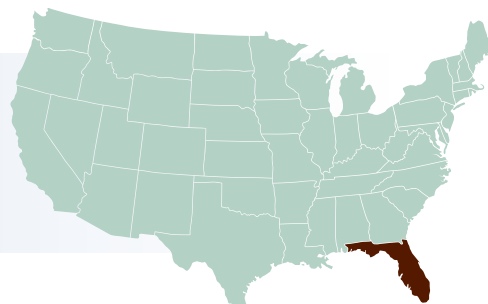


For more information

visit: www.atsdr.cdc.gov/sites/brownfields



email: atsdr.landreuse@cdc.gov



References:

Duval County Community Health Improvement Plan. (2012). Community Health Assessment and Community Health Improvement Plan. <http://duval.floridahealth.gov/>

SKEO, United States Environmental Protection Agency. (2012). Jacksonville Integrated Planning Project. Retrieved from: http://jaxccr.org/wpcontent/uploads/2016/08/JIPP_Final_Report_FINAL.pdf