

ELKHORN LAKE IMPROVEMENT PROJECT

*Dam Rehabilitation, Water Quality,
Parks Amenities and Community
Development*

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ELKHORNLAKEPROJECT.ORG

**Recommendations for
the future of Jenkins,
Kentucky**



Health Impact Assessment: Elkhorn Lake Improvement Project



City of Jenkins, KY
Built on Coal in 1912

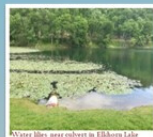


(1) Elkhorn Dam: 106-Years-old, on Earthquake Fault and Leaking.



1000 Feet of Elevation Above Sea Level

(2) Water Quality: A Major Health Determinant



A View from near outlet in Elkhorn Lake

Health Impact Assessment (HIA) is a tool for policy makers to assess the health impacts of policy decisions on development. In January 2018, Kentucky River Area Development District (KRADD) was awarded funding for an HIA project. This HIA focuses upon planned improvements to the Elkhorn Lake reservoir, dam, and park in Jenkins, Letcher County. The Jenkins leaders seek improved drinking water, public safety and recreation. The HIA looks at the social determinants of health and relates them to the planned changes of the policy makers. The recommendations from this study were grouped into four major categories: (1) Dam Safety, (2) Water Quality, (3) Park Improvements and (4) Community Development.

(3) Parks Improve Lives



(4) Community Development Includes Community Health



Letcher County Health Disparities			
	Health Determinants	U.S. rate	Letcher Co. rate
Population Health	Life Expectancy	77.9 years	72.4 years
	Poor or Fair Health	16.1%	23.2 %
	Deaths of Despair	38.5/100k	76.6/100k
	Smoking Rate	18.1%	28.4%
	Lung Cancer Mortality	41.3/100k	90.3/100k
	Cancer Mortality	160.9/100k	218.3/100k
Water and Environment	Cardiovascular Deaths	99.6/100k	203.3/100k
	Unsafe Drinking Water	1.1%	13.2%
	Walkable Destination	4.8%	0.0%
Housing	Net Migration	+1.0%	-3.2%
	Flood Zone Housing	3.8%	14.1%
Food and Nutrition	Obesity	31.0%	38.4%
	Diabetes	9.3%	15.3%

From Community Commons.org, Kentucky Health Indicators and U.S. News & World Report rankings. This shows how nearly 3,000 U.S. counties perform in 81 metrics across 10 health-related categories. Indicators by the National Committee on Vital and Health Statistics