

Prevention Research Centers

Funded by CDC

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What do they do?

- PRCs are an interdependent network of community, academic, and public health partners that develop effective prevention practices which can be widely applied to protect the health of the US public.

Quick Examples

University of Texas PRC: AMIGAS program

Developed by a community advisory board and implemented by lay health workers, this program promotes cervical cancer screening to Mexican-American women.

Quick Examples

Emory University PRC: Inventory program

This is a comprehensive assessment of federally-funded breast and cervical cancer screening programs in the US.

Quick Examples

University of Washington PRC: Physician Practices Program

This research will determine the extent to which US physicians are informed about evidence-based ovarian cancer screening guidelines.

Quick Examples

University of Alabama PRC: Preventing Heart Disease

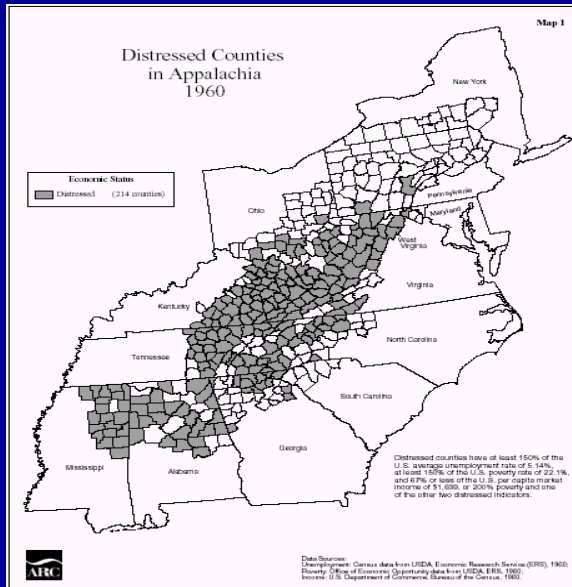
115 community health advisors are promoting improved diet and increased exercise among people in a selected (high-risk) county.

Kentucky as a Case Study

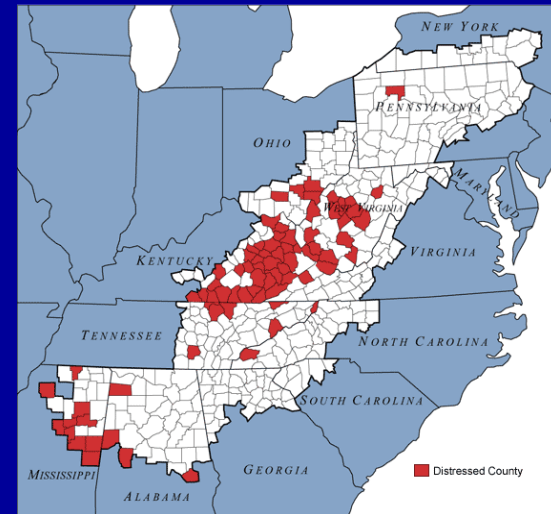
Kentuckians experience a disproportionate burden of the US cancer incidence. This is especially true in the Southeastern part of our state.



PRC project area



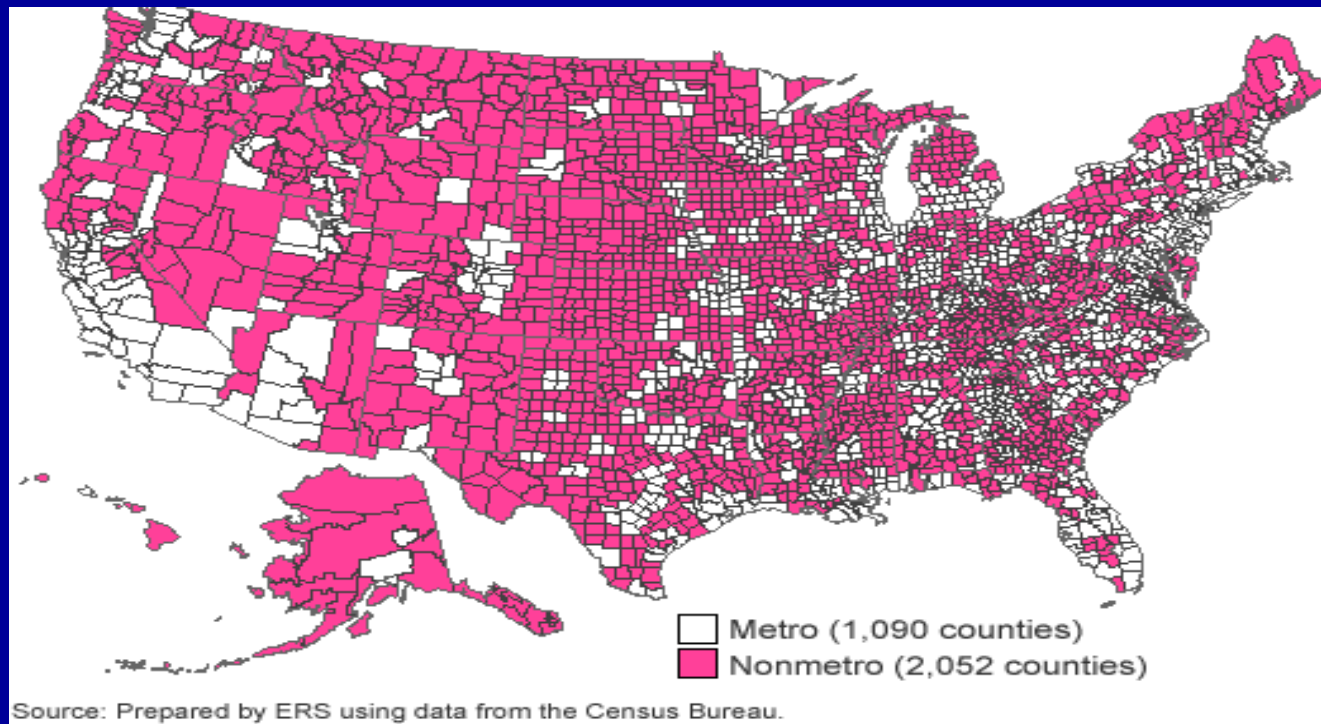
ARC-Designated Distressed Counties, Fiscal Year 2007



Prepared by the Appalachian Regional Commission

State Abbreviations:
 ALABAMA: AL, ARIZONA: AZ, ARKANSAS: AR, CALIFORNIA: CA, COLORADO: CO, CONNECTICUT: CT, DELAWARE: DE, DISTRICT OF COLUMBIA: DC, FLORIDA: FL, GEORGIA: GA, ILLINOIS: IL, INDIANA: IN, IOWA: IA, KANSAS: KS, KENTUCKY: KY, LOUISIANA: LA, MARYLAND: MD, MASSACHUSETTS: MA, MICHIGAN: MI, MINNESOTA: MN, MISSISSIPPI: MS, MISSOURI: MO, MONTANA: MT, NEBRASKA: NE, NEVADA: NV, NEW HAMPSHIRE: NH, NEW JERSEY: NJ, NEW YORK: NY, NORTH CAROLINA: NC, NORTH DAKOTA: ND, OHIO: OH, OKLAHOMA: OK, OREGON: OR, PENNSYLVANIA: PA, RHODE ISLAND: RI, SOUTH CAROLINA: SC, SOUTH DAKOTA: SD, TENNESSEE: TN, TEXAS: TX, UTAH: UT, VERMONT: VT, VIRGINIA: VA, WASHINGTON: WA, WEST VIRGINIA: WV, WISCONSIN: WI, WYOMING: WY

Why is “Rural” so important?



Some Examples

	U.S.	Kentucky River District
Cervical Cancer Incidence Rate	8.1	10.91
No Pap Test in the past 3 years (%)	14	21
Age-Adjusted Incidence Rate	8	11

Some Examples

Colorectal Cancer Incidence Rate	51.8	68.09
Prevalence of screening by Sigmoidoscopy & Colonoscopy (%)	48	34
Age-Adjusted Incidence Rate	52	68
Age-Adjusted Mortality Rate	19	26

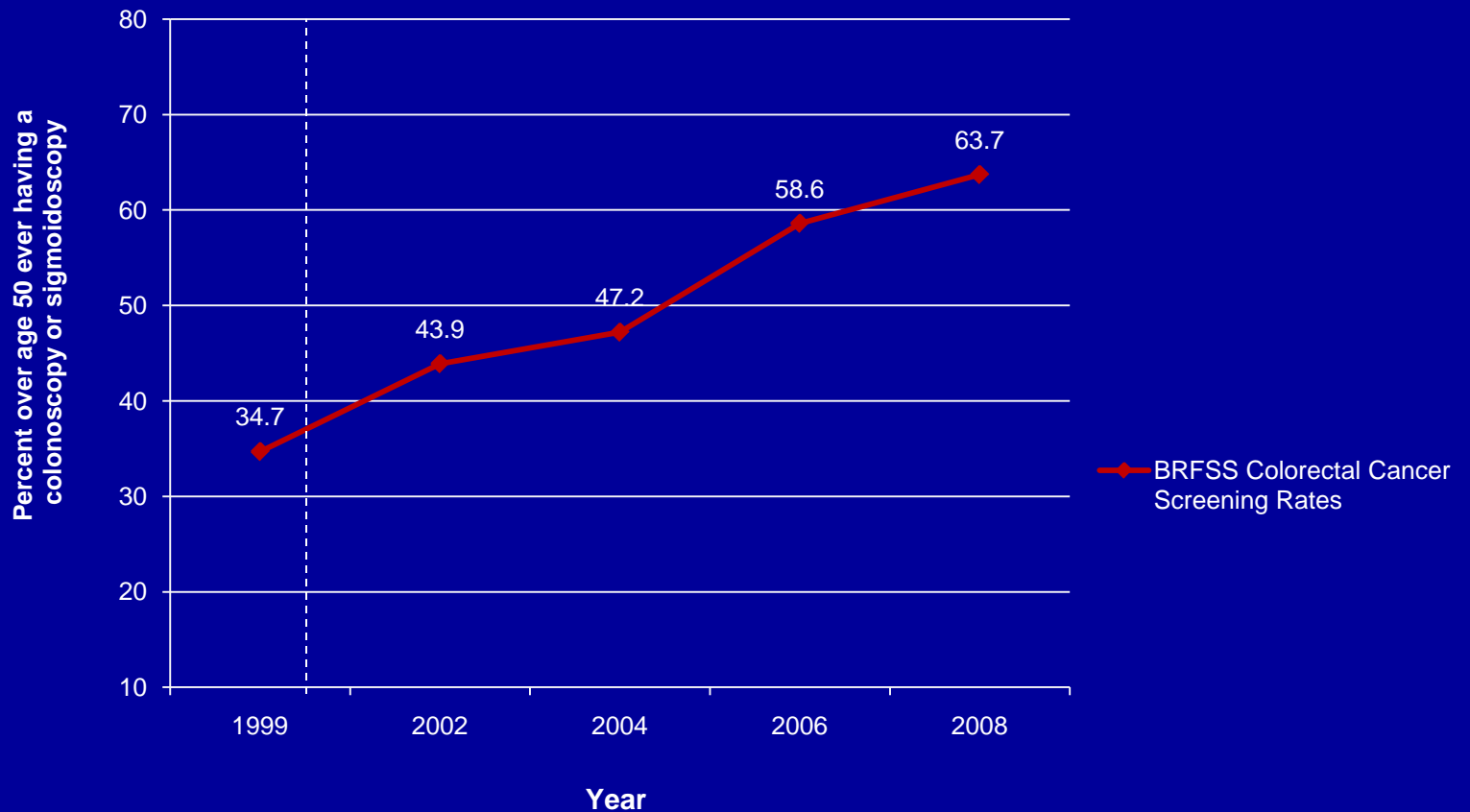
Some Examples

Lung Cancer Incidence Rate	59.0	131.7
Current Smoker (%)	23	35
Age-Adjusted Incidence Rate	59	132
Age-Adjusted Mortality Rate	54	111

Is Prevention Working?

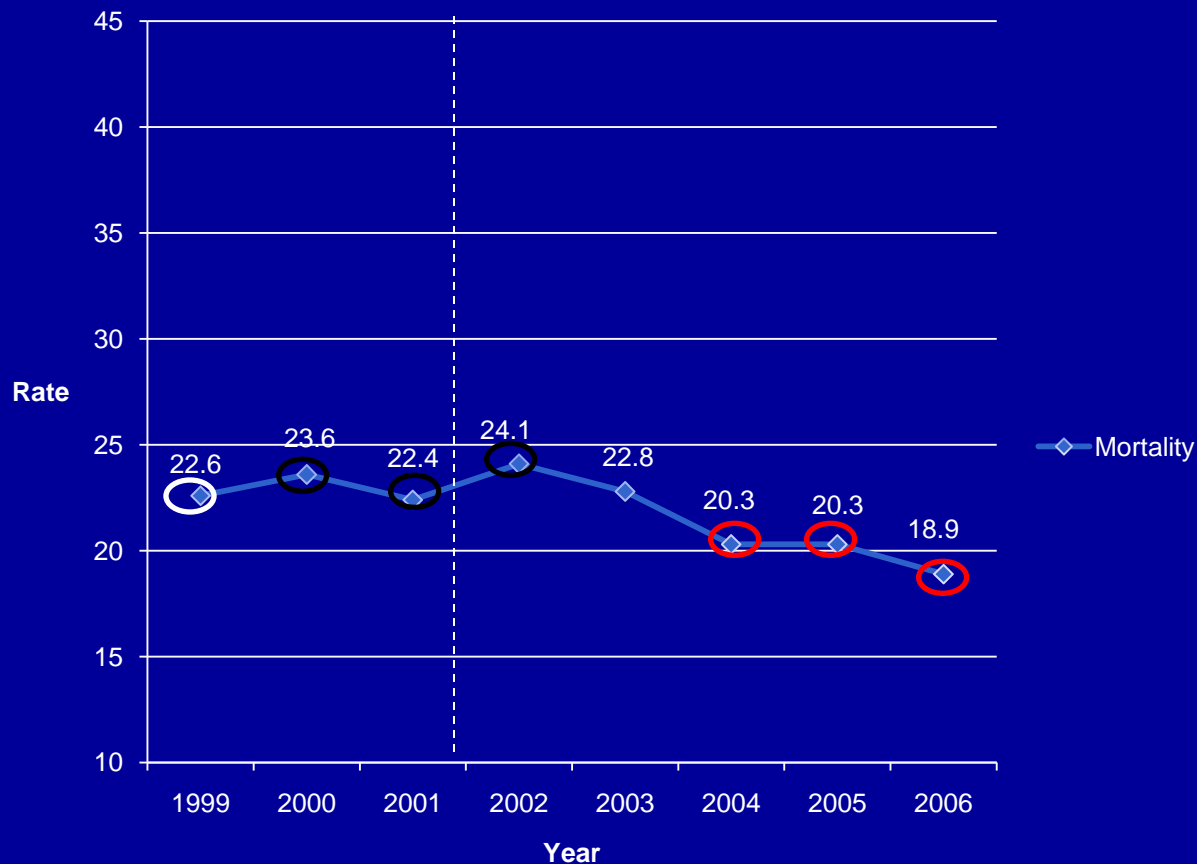
Early evidence suggests – Yes.

BRFSS Colorectal Cancer Screening Rates, Kentucky 1999-2008



Source: CDC/BRFSS Website, Accessed Jan. 2010

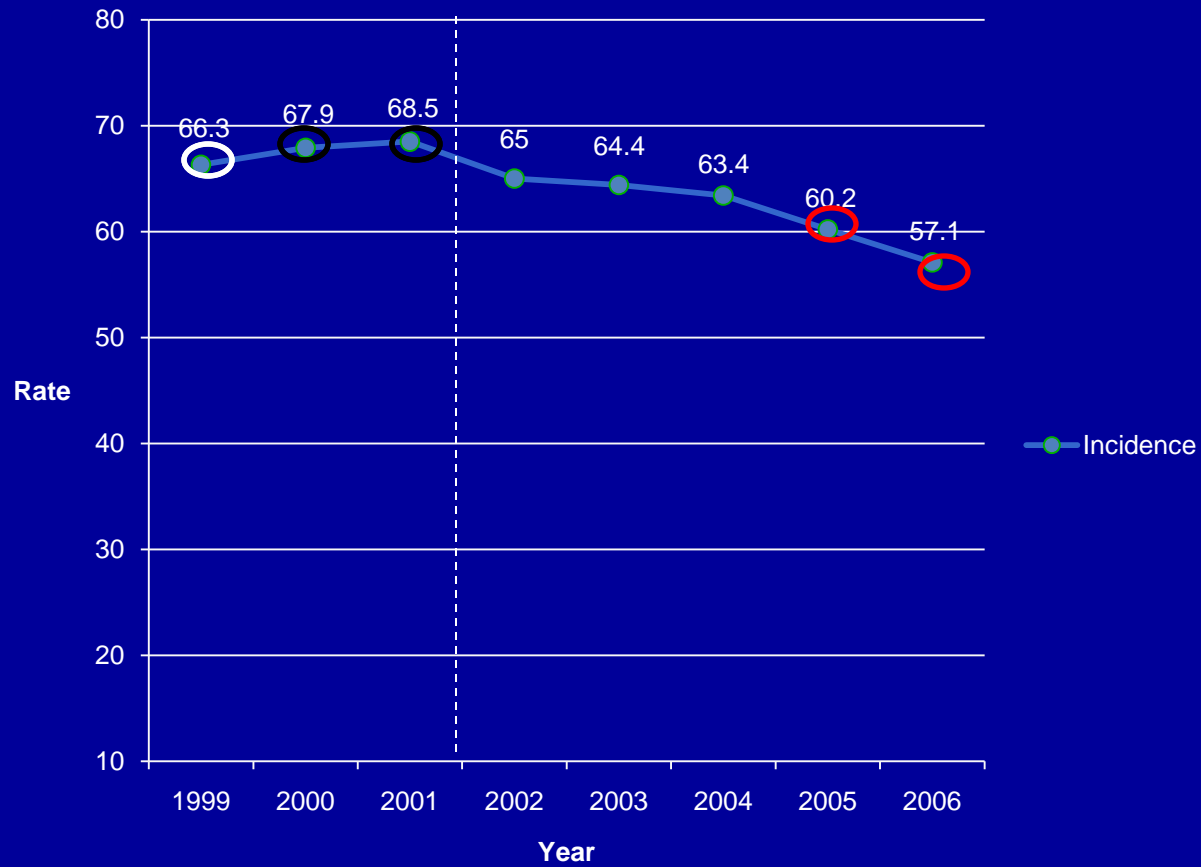
Colorectal Cancer Mortality, Kentucky (1999-2006)



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Source: KCR Website, Accessed Jan. 2010

Colorectal Cancer Incidence, Kentucky (1999-2006)



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Source: KCR Website, Accessed Jan. 2010

A Survivor, A Champion

Chair of our Community Advisory Board
Diagnosed with Colon Cancer at age 44
Advocate for access to early screening

STAFF ONLY

STAFF ONLY



HPV Vaccination

The Kentucky PRC has just completed a two-year study that assessed predictors to the uptake of Gardasil.

- Father's endorsement
- Peer norms
- Health care provider recommendation

HPV Vaccination

In this study uptake was quite low.

Approximately 25% for dose 1,
10% for dose 2,
and <3% for dose 3.

Pap Testing

The Kentucky PRC has worked with a program known as Faith Moves Mountains – this is church-based program that promotes Pap testing to rural Appalachian women. The final analysis of study findings will be completed this month.

(Contact Dr. Nancy Schoenberg)

Kentucky Homeplace

This program employs a vast network of volunteers uses lay health navigators to assist patients through the cancer continuum. A main goal is to decrease the time between screening, diagnosis, and treatment.

PRCs are an “Academic Umbrella”

