

Vital Signs:
Colorectal Cancer
Screening, Incidence, and Mortality
United States, 2002—2010

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Methods

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- State-specific data for colorectal cancer (CRC) incidence and mortality rates for 2007
- Annual percentage changes (APC) from 2003 to 2007
- Updated CRC screening prevalence data from the 2010 Behavioral Risk Factor Surveillance System (BRFSS) survey

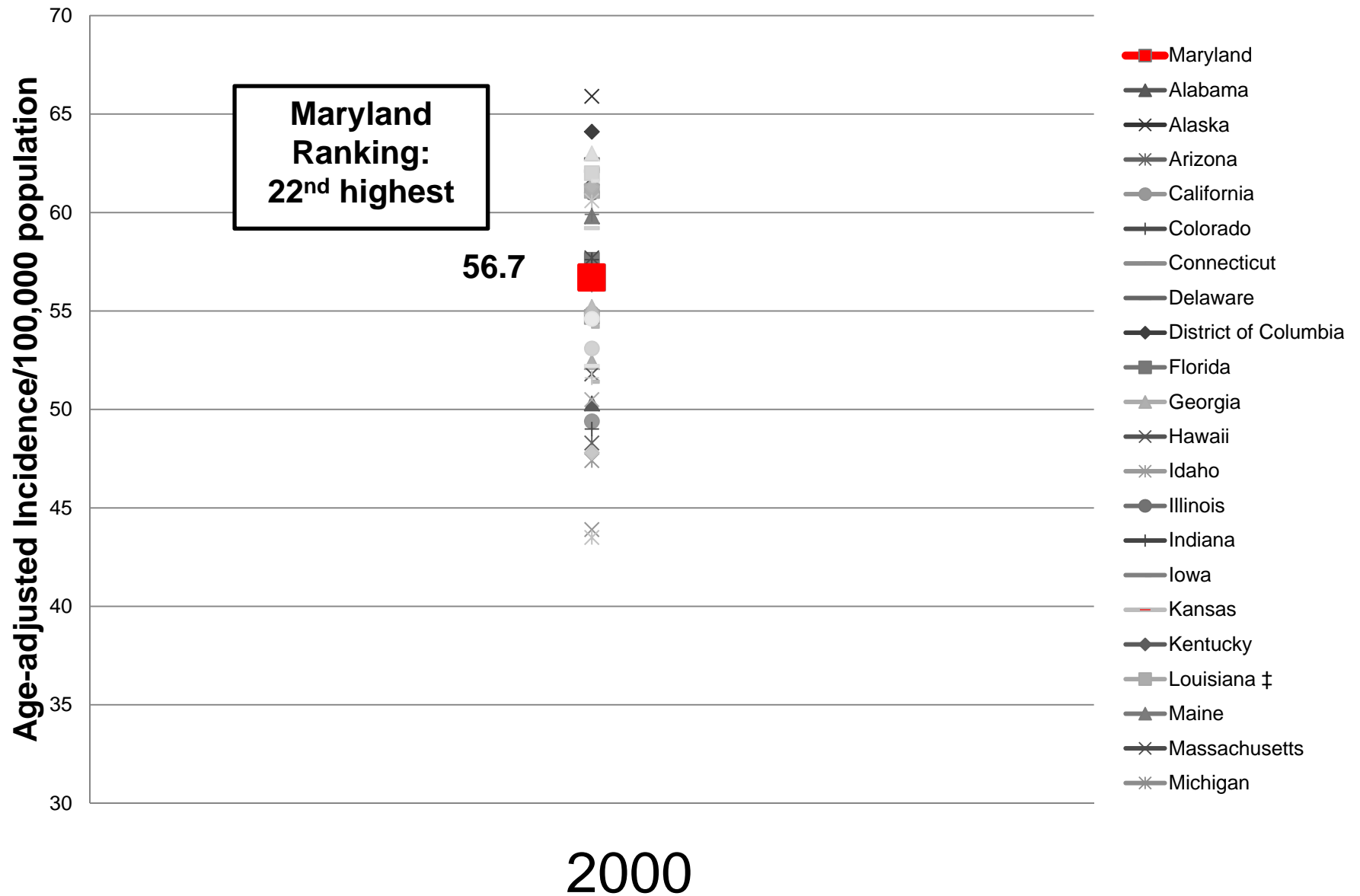
Methods

- Up-to-date screened for CRC was defined in MMWR as:
 - Percentage of adults who reported having had an FOBT within the past year or a lower endoscopy (sigmoidoscopy or colonoscopy) within the preceding 10 years among adults aged 50 to 75 years

Results

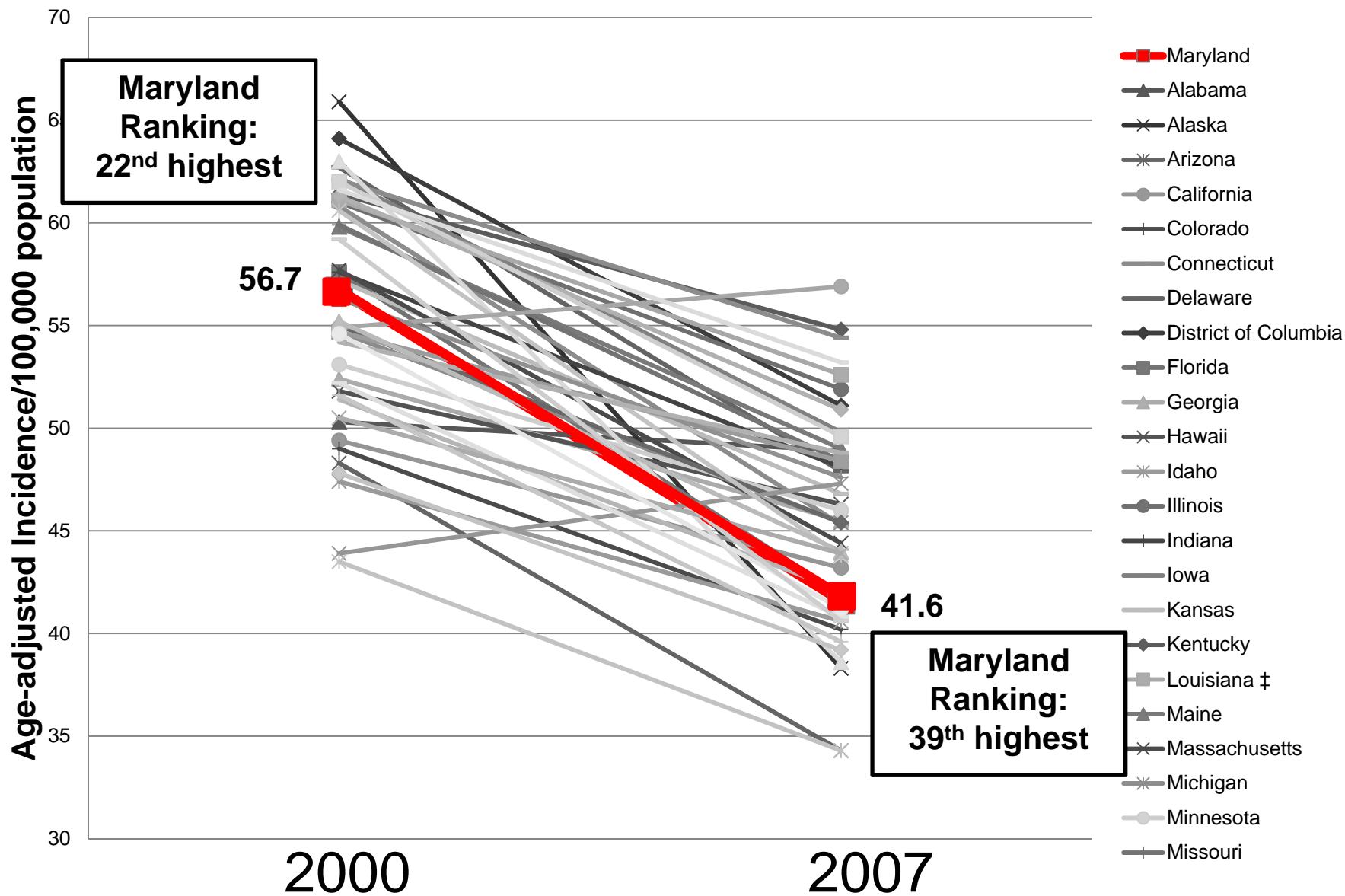
Incidence

Age-adjusted CRC Incidence by State, 2000



Source: National Program of Cancer Registries (NPCR)

Age-adjusted CRC Incidence by State, 2000 and 2007

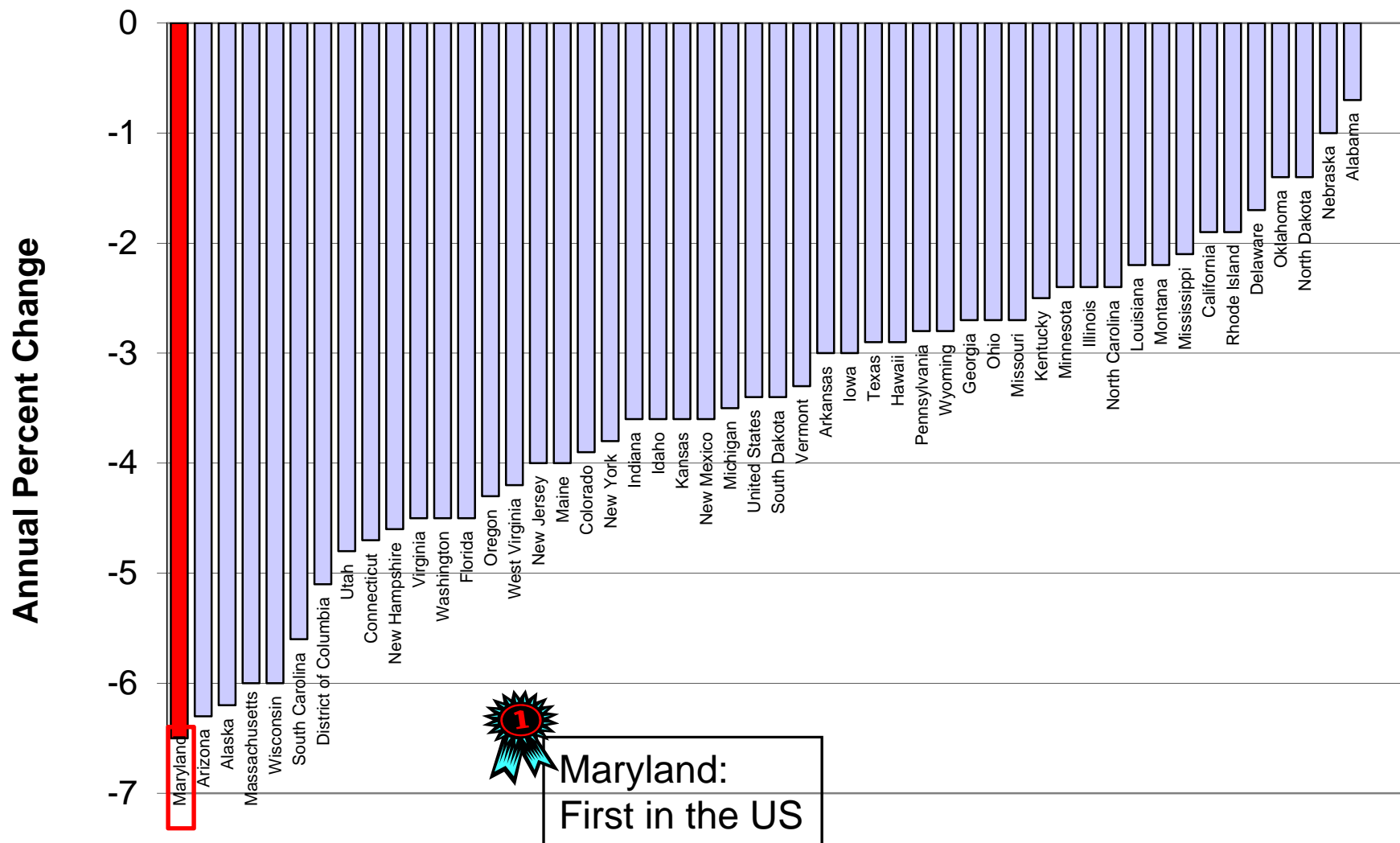


Source: National Program of Cancer Registries (NPCR)



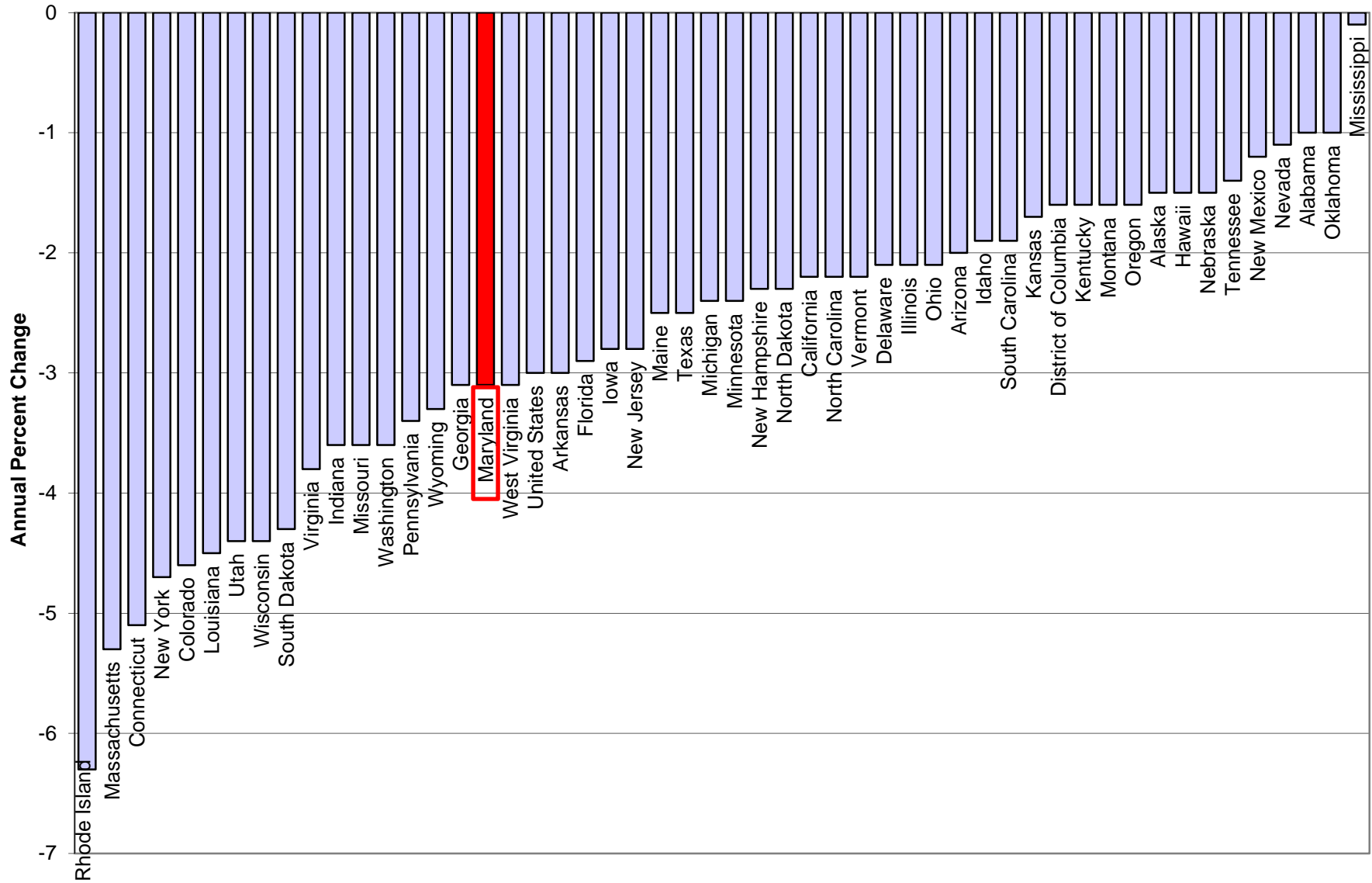
Maryland:
First in the United States
in Decreasing
Colorectal Cancer Incidence Rates
2003--2007

Annual Percent Change in CRC Incidence by State, 2003--2007



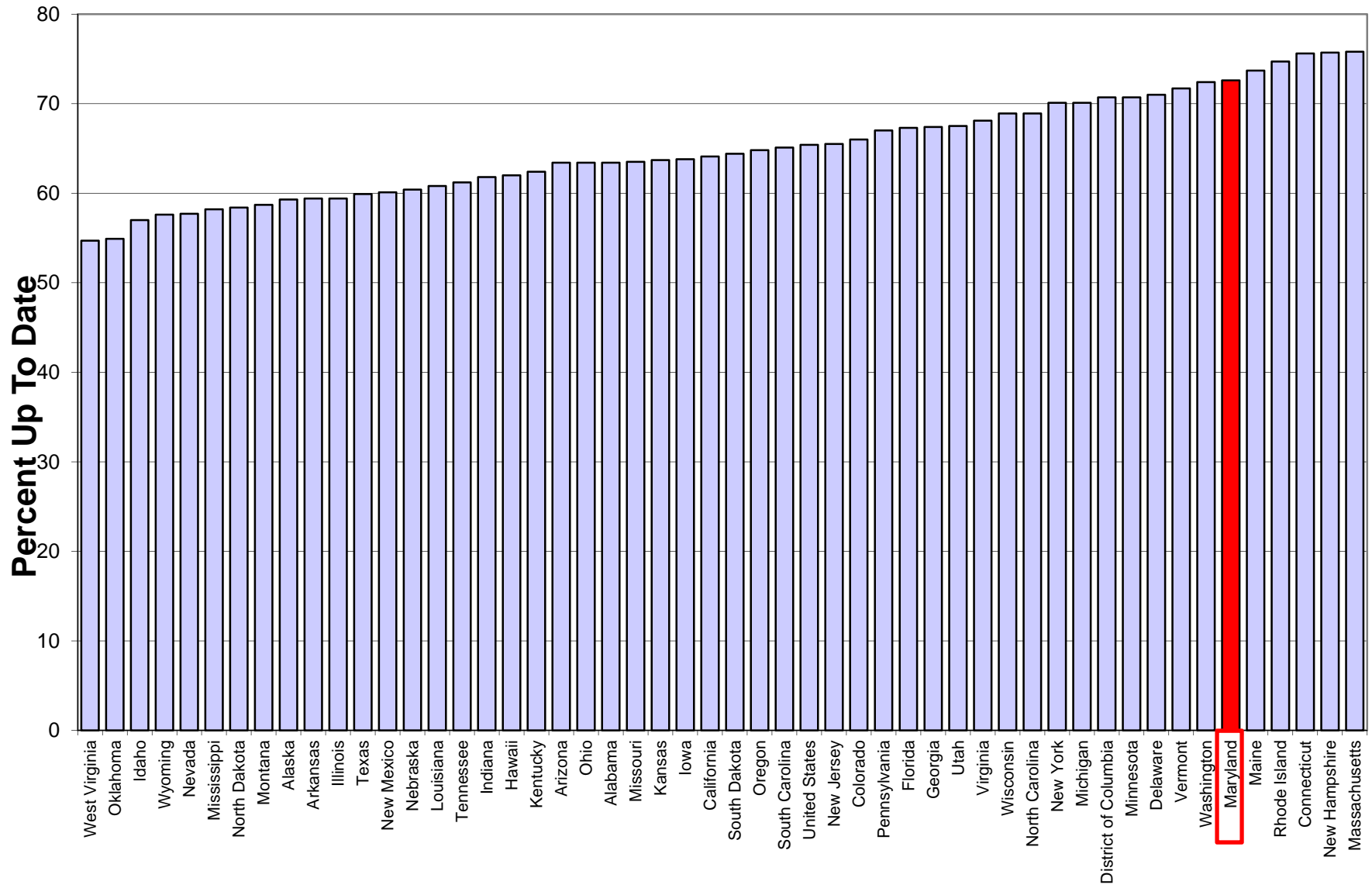
Mortality

Annual Percent Change in CRC Mortality by State, 2003--2007



CRC Screening

Colorectal Cancer: Up-To-Date Screening by State, 2010



Summary of results

Results for Maryland

Measured decrease	APC* 2003-2007 (95% C.I.)	Maryland's Ranking of APC
Incidence rate	-6.5 (-9.0, -4.0)	1 st out of 49
Mortality rate	-3.1 (-3.6, -2.7)	16 th out of 51

Measured	Percent (95% C.I.)	Maryland's Ranking
Screening in 2010	72.6 (70.8-74.3)	6 th out of 51

*Annual percent change

Summary

- Nationwide, CRC incidence decreased 13% and mortality decreased 12% from 2003 to 2007, a decline of 66,000 cases and 32,000 deaths compared to 2002
- Nationwide, CRC screening prevented approximately half of the expected new CRC cases and deaths during 2003-2007
- Maryland is among the states with the higher screening rates in 2010
- Maryland had the largest incidence rate decrease from 2003 to 2007
- Maryland is tied at 16th place with Georgia and West Virginia with the largest mortality rate decrease