



Georgia Department of Public Health

Overview of Cancer and Cancer Health Disparities in Georgia

Presentation to: D. S. Blumenthal Public Health Summit Attendees

Presented by: Janet Y. Shin

Date: April 4, 2018



We Protect Lives.

Presentation Overview

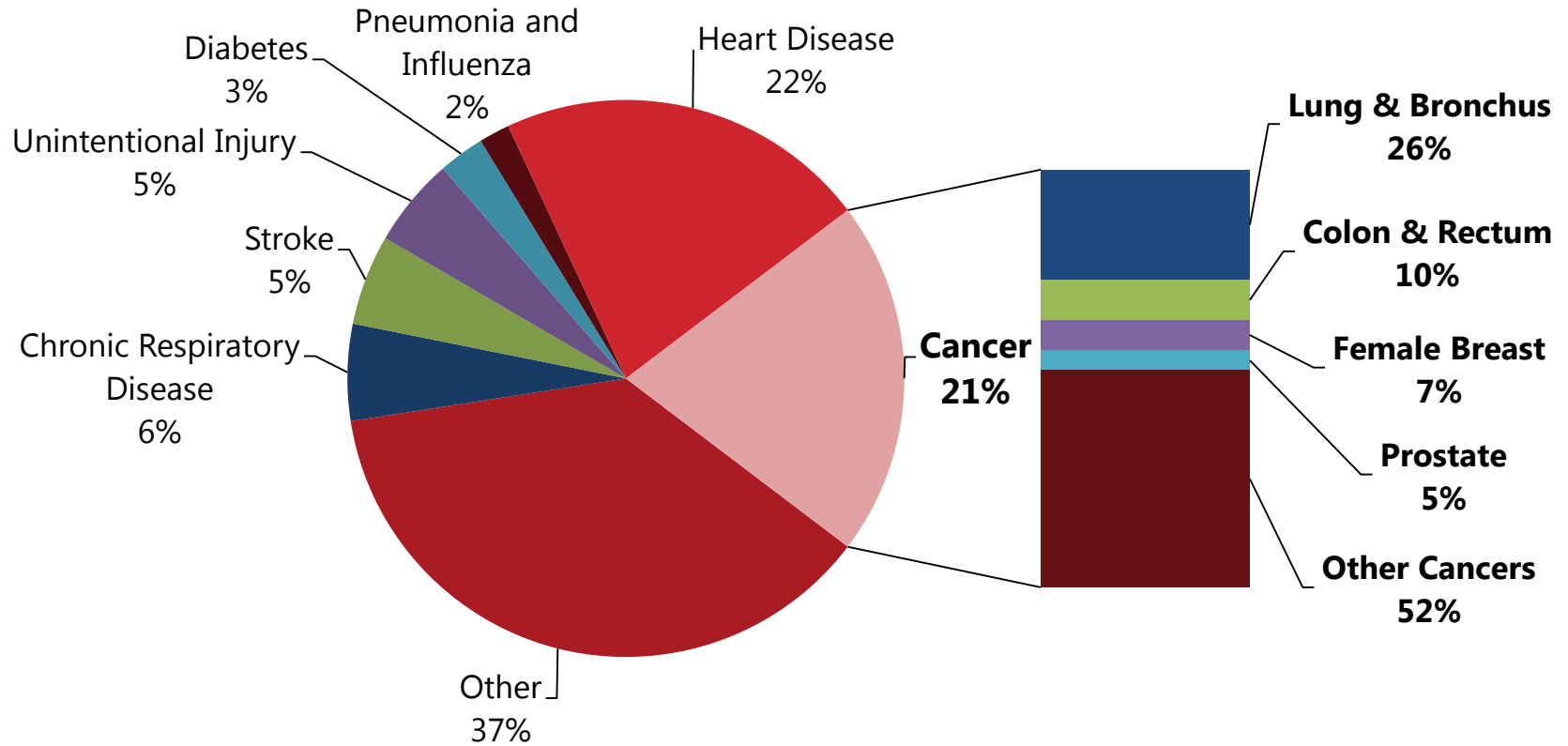
I. Cancer Burden in Georgia

II. Role of Public Health in Addressing
Cancer Health Disparities

III. Summary

Cancer Burden in Georgia

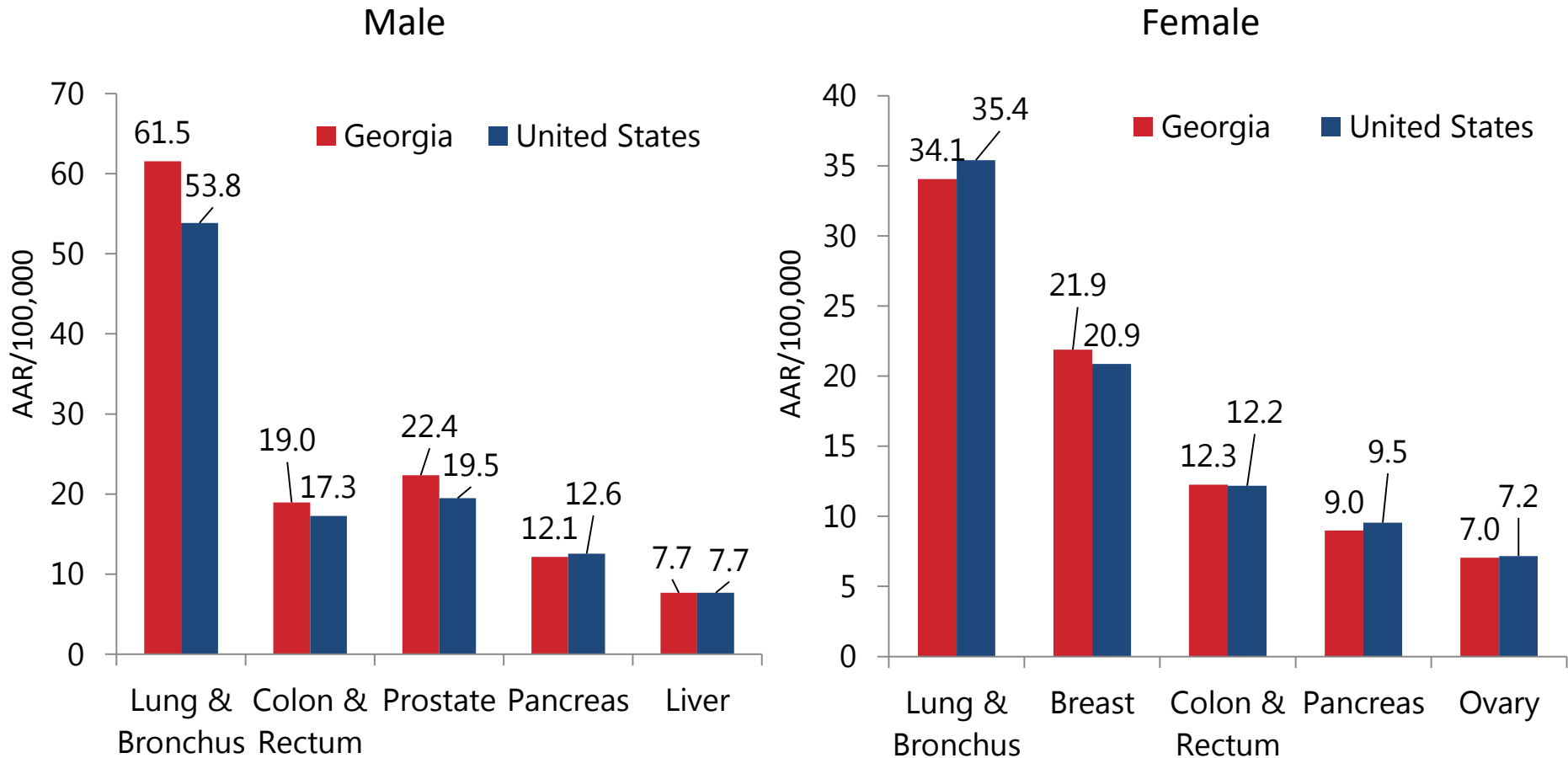
Leading Causes of Death in GA (2015)



No. of deaths from heart disease: 17,275
No. of deaths from cancer: 16,496
 Total no. of deaths: 79,901

Source: Georgia Department of Public Health, Georgia Vital Records

Age-adjusted Cancer Mortality Rates by Sex in GA and US (2011-2015)

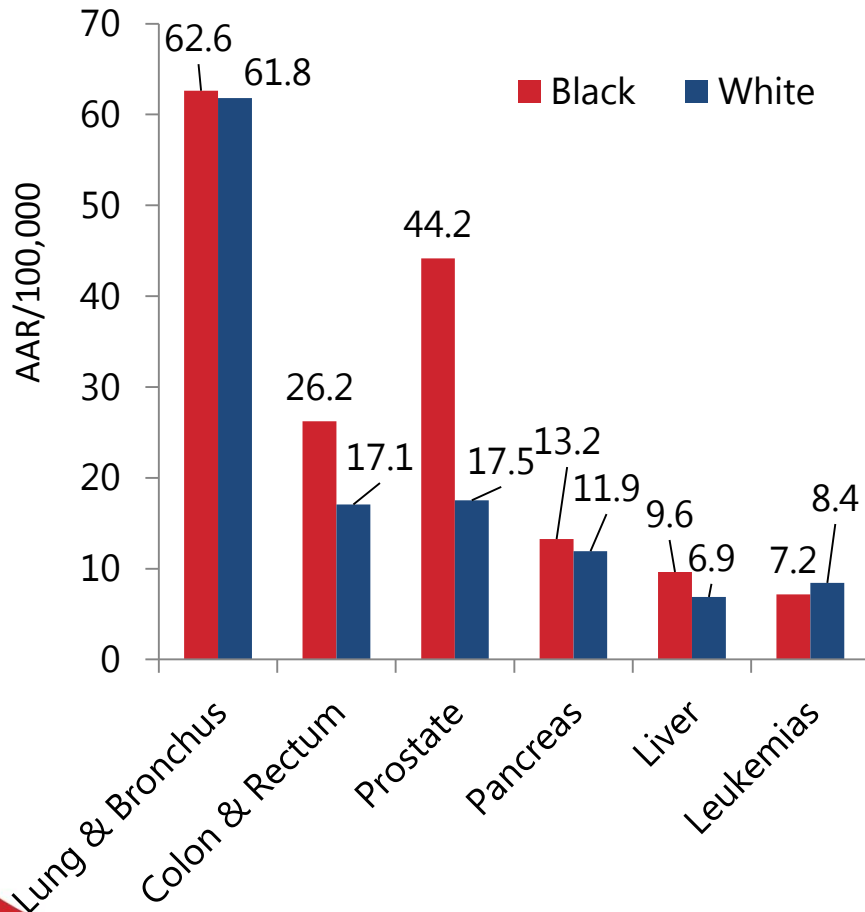


Source: Georgia Department of Public Health, Georgia Vital Records

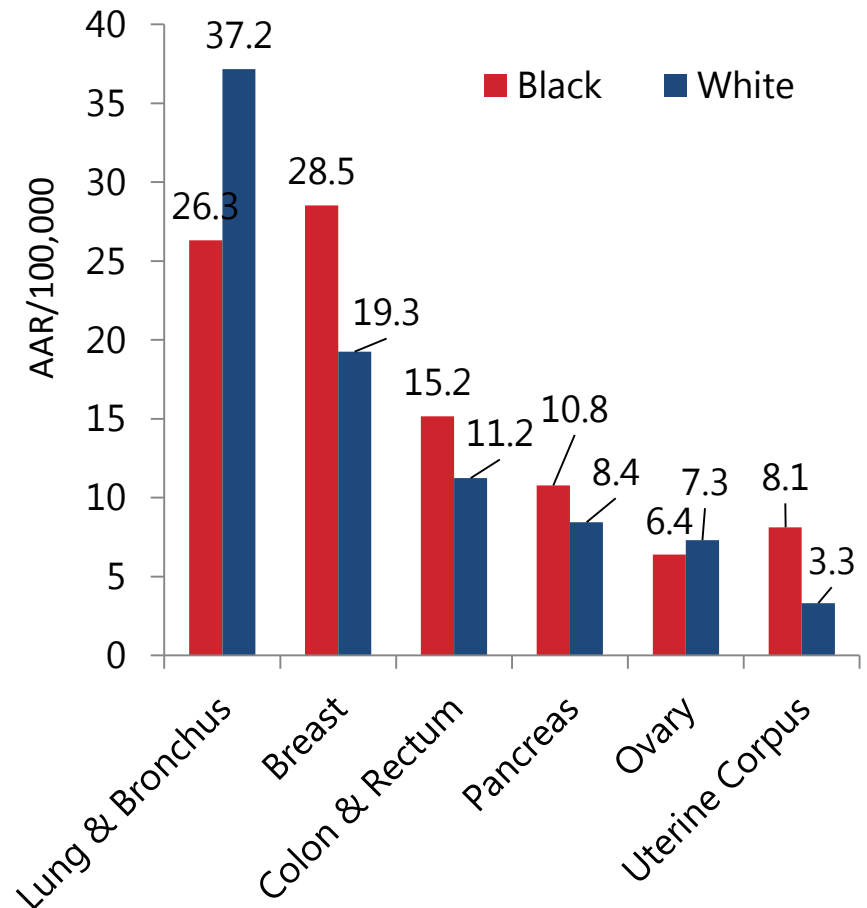
AAR = Age-adjusted rates

Age-adjusted Cancer Mortality Rates by Sex and Race in GA (2011-2015)

Male

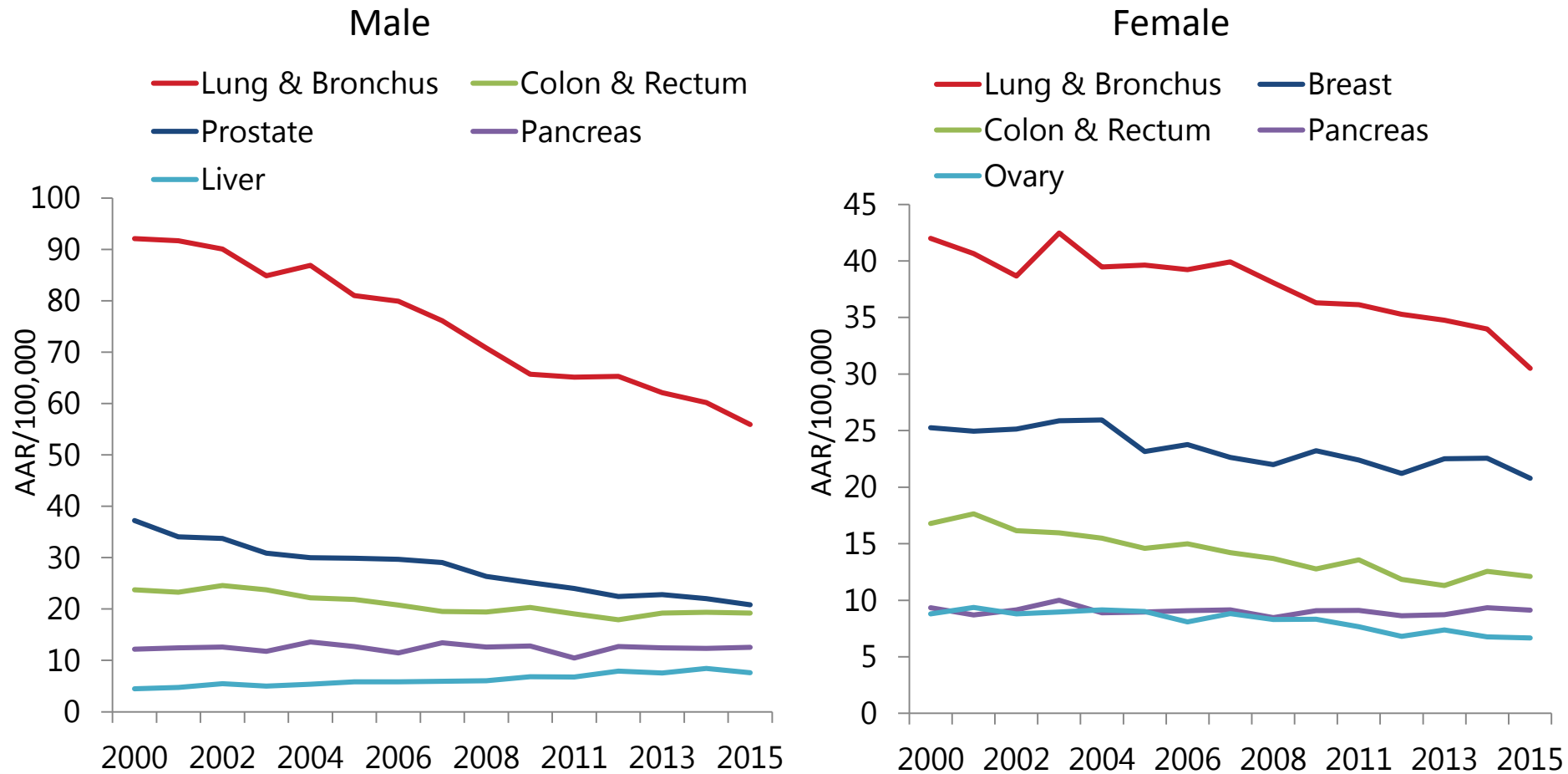


Female



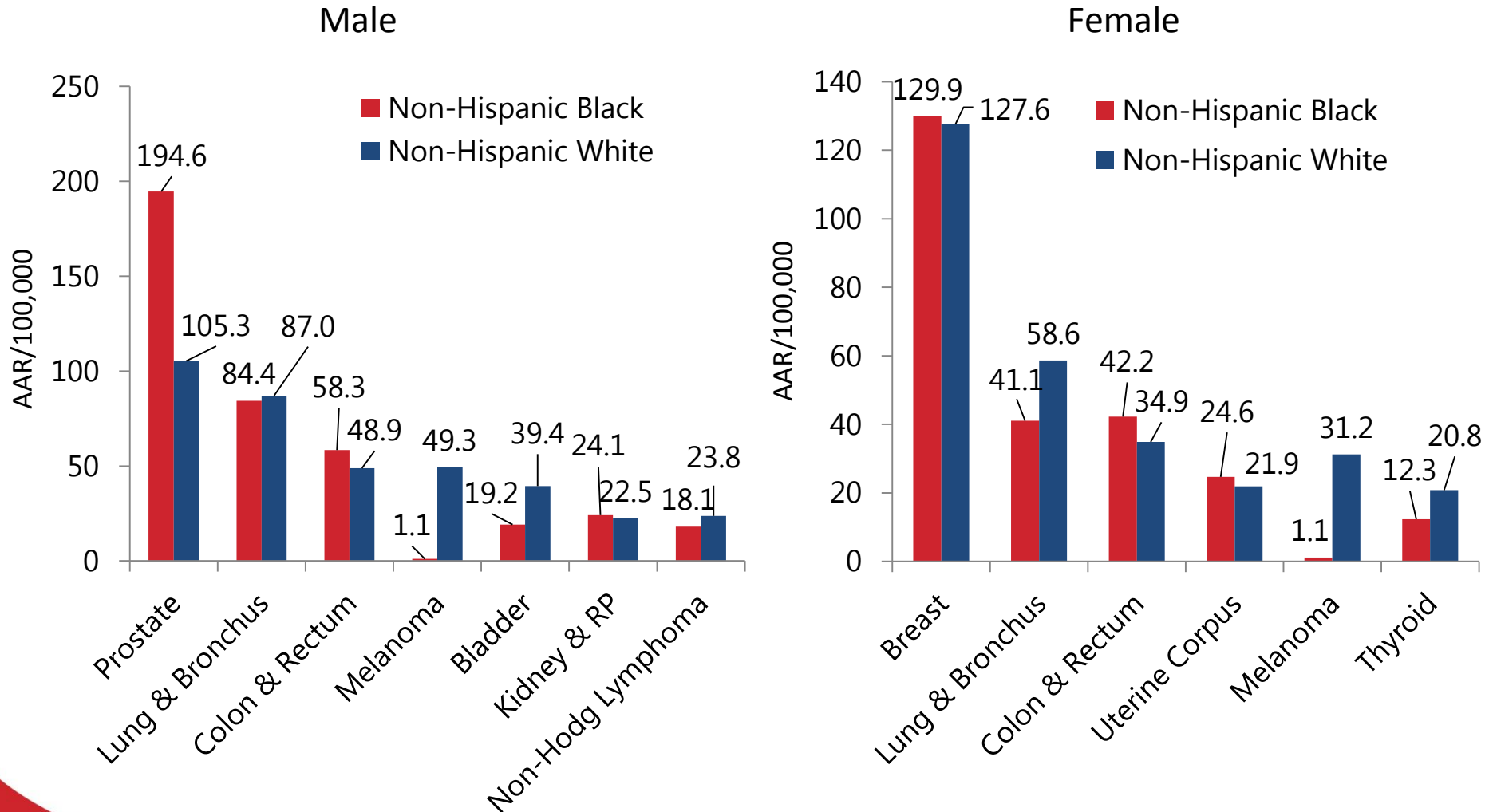
Source: Georgia Department of Public Health, Georgia Vital Records
AAR = Age-adjusted rates

Trends in Cancer Mortality Rates by Sex in GA (2000-2015)



Source: Georgia Department of Public Health, Georgia Vital Records
 AAR = Age-adjusted rates

Age-adjusted Cancer Incidence Rates by Sex and Race/Ethnicity in GA (2011-2015)



Source: Georgia Department of Public Health, Georgia Comprehensive Cancer Registry
 AAR = Age-adjusted rates

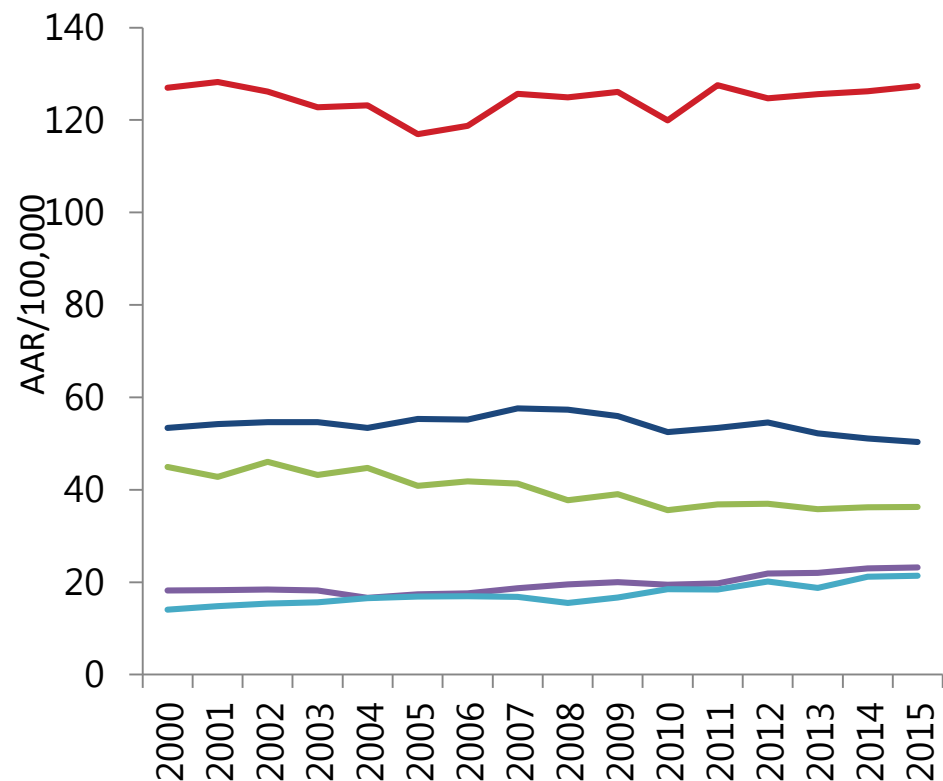
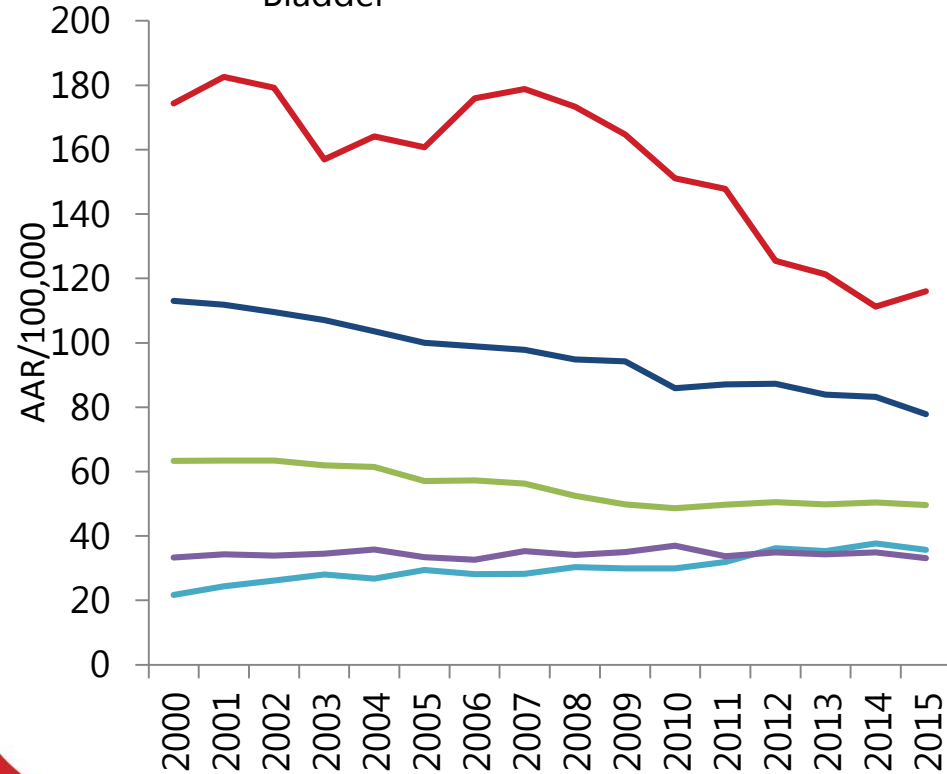
Trends in Cancer Incidence Rates by Sex in GA (2000-2015)

Male

Female

- Prostate
- Colon & Rectum
- Bladder
- Lung & Bronchus
- Melanoma

- Breast
- Colon & Rectum
- Melanoma
- Lung & Bronchus
- Uterine Corpus



Source: Georgia Department of Public Health, Georgia Comprehensive Cancer Registry

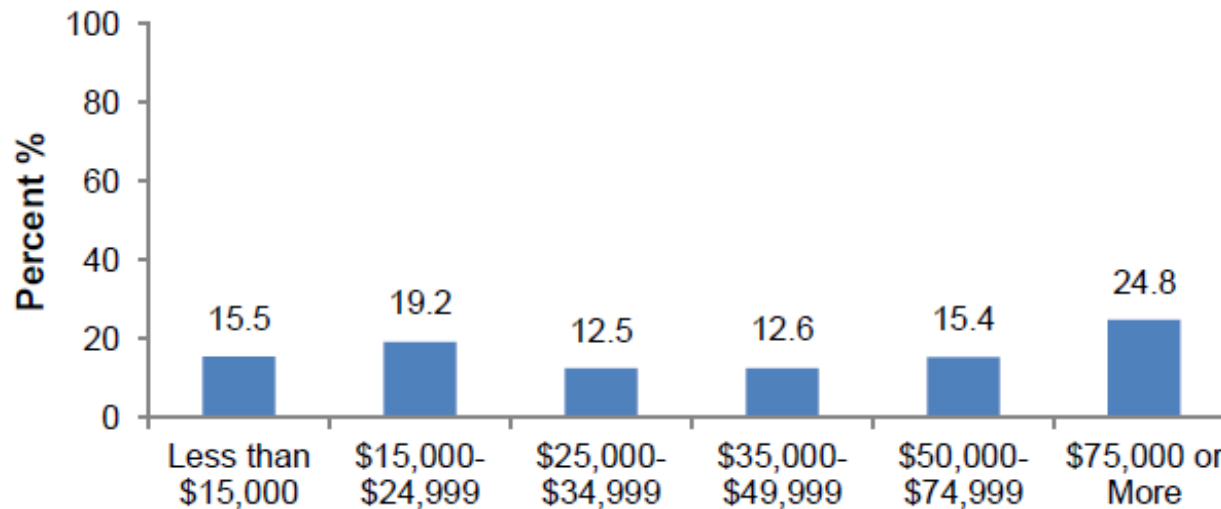
AAR = Age-adjusted rates

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Cancer Survivorship in GA (2012)

- **420,798 cancer survivors (6% of Georgians)**
- More female (58%) survivors than male (42%) survivors
- 75% of survivors are ≥ 50 years
- Non-Hispanic white females have the highest survival rate compared to other groups

Distribution of Cancer Survivors by Level of Annual Household Income in GA

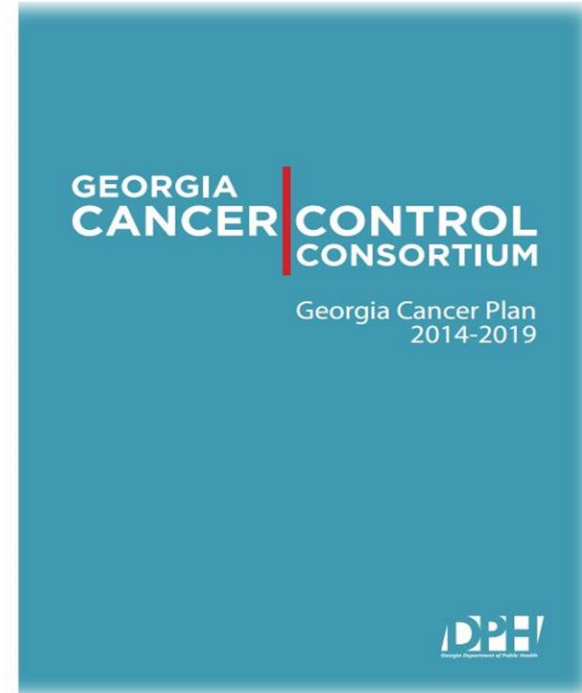


Source: Georgia Department of Public Health, Georgia Behavioral Risk Factor Surveillance

Role of Public Health in Addressing Cancer Health Disparities

Georgia's Cancer Prevention and Control Priorities

1. Cancer risk reduction: tobacco and obesity
2. Human papillomavirus (HPV) vaccination
3. Breast and cervical cancer screening
4. Colorectal cancer screening
5. Evidence based lung cancer screening
6. Quality of care in cancer diagnosis and treatment
7. Access to palliative care and survivorship
8. Patient case management and care coordination



ftp://ftp.cdc.gov/pub/Publications/Cancer/ccc/georgia_ccc_plan.pdf

Program Collaboration



- Georgia Comprehensive Cancer Control Program
- Georgia Breast and Cervical Cancer Program
- Georgia Comprehensive Cancer Registry
- Cancer State Aid Program
- Women's Health Medicaid Program
- Georgia Tobacco Use Prevention Program
- State Public Health Actions (1305)
- Georgia Immunization Program
- Student Health and Physical Education Initiative
- Division of Communications

Leveraging Partnerships



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OF COMMUNITY HEALTH



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WEST CENTRAL GEORGIA
CANCER COALITION



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Cancer Prevention

- **Tobacco use prevention**

- Policies
 - 100% Tobacco Free Schools, Parks, and Public Housing
 - Tobacco Free City and County Ordinances
- Education, referral and counseling
 - Literature and brochures
 - GA Tobacco Quit Line
 - Healthcare provider education

- **Obesity prevention**

- Physical activity and healthy eating for children and youth
- Healthy worksites and worksite wellness policies and initiatives

- **HPV vaccination**

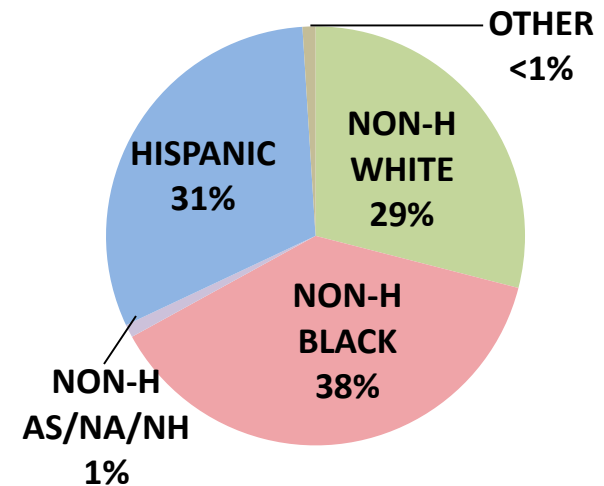
- Reminders and recalls by using text messages
- Public education
 - Schools
 - Public Health Districts
 - Community settings e.g., Health fairs
 - Community based organizations
- HPV Champions e.g., legislators
- Pediatric providers

Early Detection of Cancer

Georgia Breast and Cervical Cancer Program (BCCP)

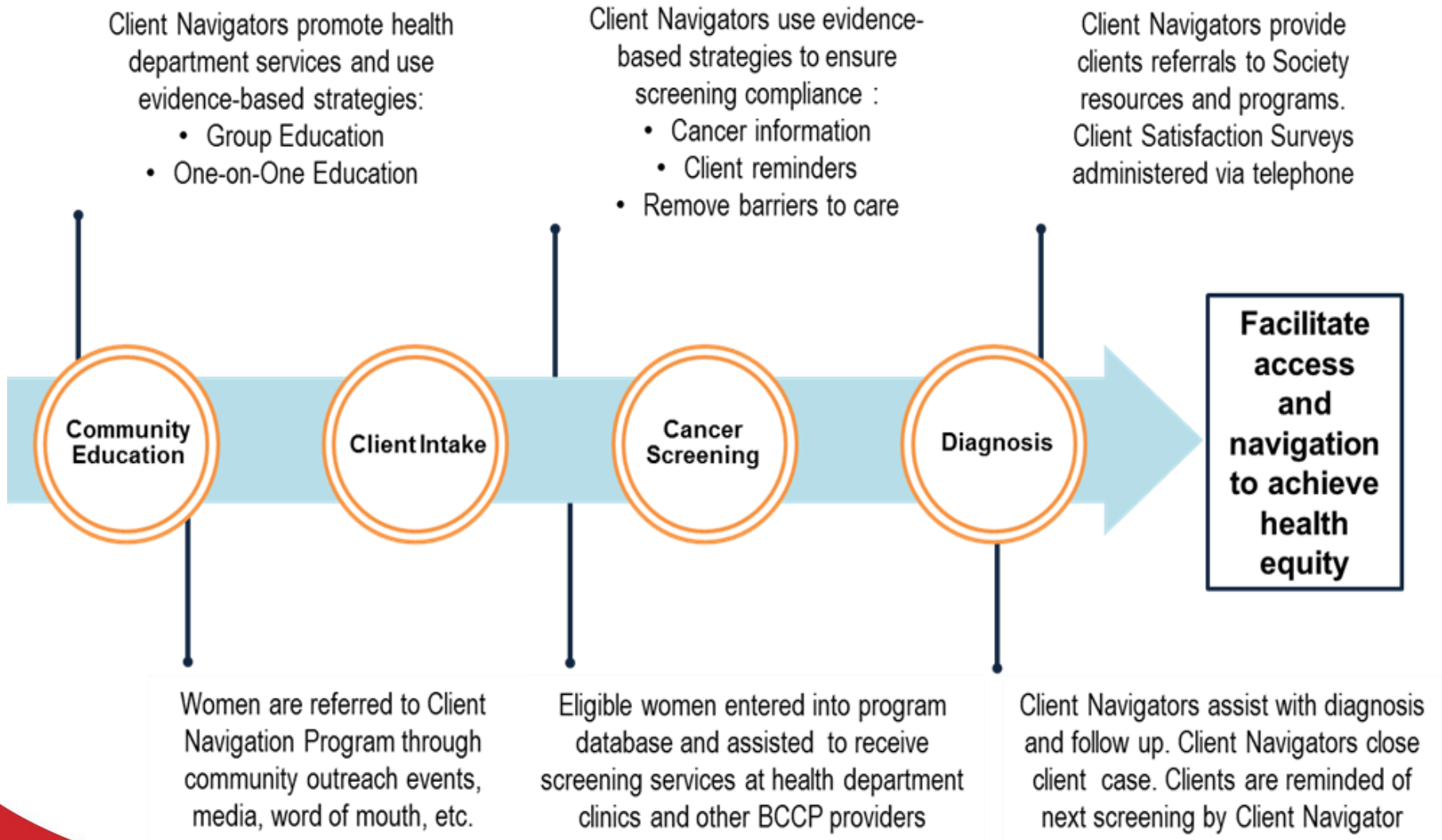
- Implement statewide through contracts with 18 Public Health districts, 4 private providers, mammography/cytology facilities, and American Cancer Society
- Mammogram, Clinical breast examination, Pap test, Pelvic examination, HPV test, Diagnostic testing of abnormal results, and Referral to treatment
- Eligibility:
 - Uninsured or underinsured GA residents $\leq 200\%$ of federal poverty level
 - Breast cancer screening: women 40-64 years
 - Cervical cancer screening: women 21-64 years
- Priority populations: never or rarely screened women, minority women, women with special needs
- In FY 2017, served 10,158 women with ≥ 1 screening services using the CDC funds, and 5,480 women using the state funds ($\leq 10\%$ of eligible population)

Race/Ethnic Distribution of BCCP Recipients



Early Detection of Cancer

BCCP Client Navigation Program



Early Detection of Cancer

- Breast, cervical, colorectal and HPV-related cancers
 - Education, screening and navigation services
 - Provided by partner organizations
e.g., Regional Cancer Coalitions of GA,
federally qualified health centers
- Genetic screening, testing and counseling for hereditary breast and ovarian cancer
- Cancer Roundtable
 - GA Colorectal Cancer Roundtable
 - GA Lung Cancer Roundtable
 - *HPV Vaccination Roundtable (Planning to develop)*

Cancer Treatment

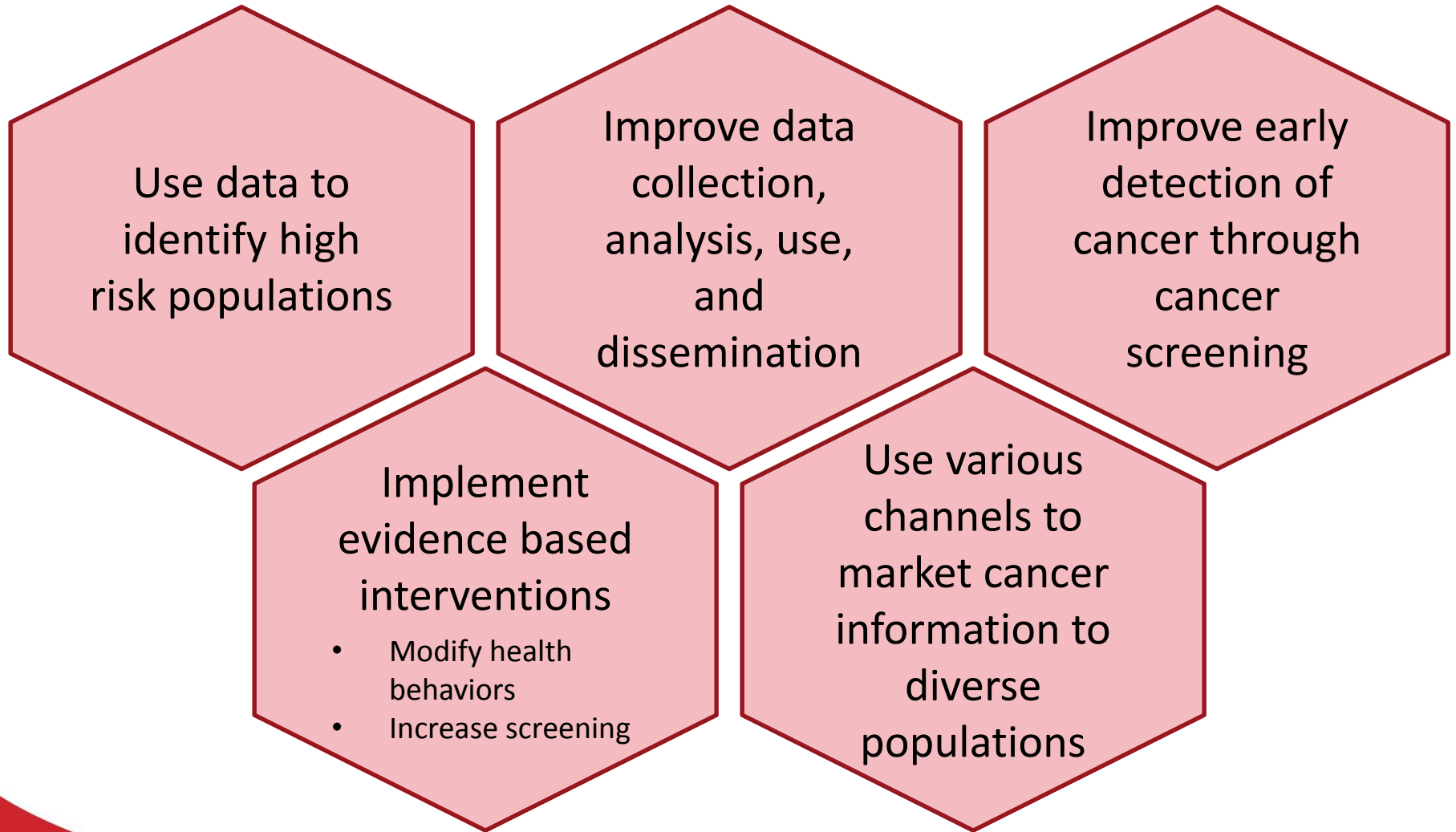
- **Women's Health Medicaid Program**
 - Breast and Cervical Cancer Prevention and Treatment Act of 2000 (Public Law 106-354)
 - Refer breast or cervical cancer patients, who meet eligibility criteria, to receive Medicaid coverage and complete cancer treatment
- **Cancer State Aid Program**
 - Services: diagnostic and treatment services, cancer related drugs, home health and medical supplies
 - Eligibility:
 - Uninsured or underinsured and ineligible for full coverage Medicaid
 - U.S. citizen or a qualified alien
 - Resident of Georgia
 - Family income \leq 250% of federal poverty level
 - Medically eligible i.e., likelihood of cure and/or 5 year survival \geq 25%
 - Accepted for treatment by a physician affiliated with a participating facility
 - Receive treatments at a participating facility

Improving Quality of Life of Cancer Survivors

- Surveillance, applied research and evaluation
 - Assessment for all cancer survivors
 - Survivorship needs assessment among racial/ethnic minorities
e.g., Hispanic, Chinese, Korean, and Vietnamese
 - Evaluation of use, usefulness and value of cancer treatment summary and survivorship care plan
- Improving physical activity among cancer survivors
- Advocacy project

Summary

Role of Public Health in Addressing Cancer Health Disparities



What Can You Do?

- Partner with GA Department of Public Health (DPH) and GA Cancer Control Consortium
- Check out GA DPH Website:
<https://dph.georgia.gov/cancer-prevention-and-control>
- Join annual cancer roundtable forums:
 - GA Lung Cancer Roundtable in November, 2018
 - GA Colorectal Cancer Roundtable in March, 2019
 - Contact information:
Kelly Durden (American Cancer Society)
kelly.durden@cancer.org
(404) 949-6457



THANK YOU!

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