



2019-2020 Pennsylvania Cancer Prevention and Control Annual Report

**Pennsylvania Cancer
Control, Prevention and
Research Advisory Board**

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pennsylvania
DEPARTMENT OF HEALTH

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2019 – 2020 Cancer Annual Report

Executive Summary

In accordance with the Pennsylvania Cancer Control, Prevention and Research Act (Act 33 of 2006), below are summary highlights of the 2019-2020 Cancer Prevention and Control Annual Report for the Governor and General Assembly. Cancer continues to be the second leading cause of death in Pennsylvania. According to the Pennsylvania Department of Health's Pennsylvania Cancer Statistics Dashboard, data show that in 2017, 77,817 adult Pennsylvanians were diagnosed with cancer and 28,318 died. The critical elements to reducing cancer mortality are prevention strategies, early detection through appropriate screenings and interventions to increase survivorship after diagnosis (National Cancer Institute, 2020).

The 2019-2020 Cancer Annual Report of the Pennsylvania Cancer Control, Prevention and Research Advisory Board (CAB) describes the evidence-based public health approaches undertaken by the CAB and the Pennsylvania Cancer Coalition and its committees, working in collaboration with the Department of Health. The initiatives detailed below were selected as areas of cancer control that can be most impacted by public health interventions, determined through careful examination of Pennsylvania data and with input from stakeholders and subject matter experts to ensure the most effective use of state and federal funding.

Covid-19 has greatly impacted cancer control and prevention activities across the Commonwealth, resulting in decreased screenings for patients, delayed implementation of community initiatives, and the postponement of provider trainings and educational events. The CAB, the Department of Health and the Pennsylvania Cancer Coalition remain committed to the mission of reducing cancer mortality and have focused efforts to disseminate new clinical best practices and provide education and support to partners and patients in this critical time.

Funding

State Appropriated Funds

Fund 10-493 - Regional cancer institutes	\$1,200,000
Fund 10-497 - General Government Operations	\$65,000
Fund 11-014 - Cancer screening services	\$2,563,000
Pediatric Cancer Research (Donations)	\$910,603

Federal Funds -- Centers for Disease Control and Prevention – Funding Code 70-529

Component 1: National Breast and Cervical Cancer Early Detection Program	\$3,000,000
Component 2: National Comprehensive Cancer Control Program	\$351,785
Component 3: National Program of Cancer Registries	\$900,000

Regional Cancer Institutes

State appropriation \$1,200,000

Northeast Regional Cancer Institute \$300,000

- Facilitated over 860 breast, cervical and colon cancer screenings among the underserved population through their patient navigation program
- Reduced structural barriers to cancer screenings such as transportation, language and education for over 111 individuals
- Provided navigation services and individualized education to over 1,000 individuals to facilitate access to screening services and ongoing medical care
- Assisted with screening cost reduction for over 171 individuals through the Navigation Program
- Provided cancer genetic testing information and facilitated referrals to genetic professionals for 25 individuals
- Distributed over 1500 client reminders to facilitate screening completion
- Conducted 14 community outreach programs with over 280 participants to promote screening awareness and increase knowledge of resources

University of Pittsburgh \$300,000

- Provided education to 3,889 individuals on recommended cancer screenings and distributed testing kits for colorectal cancer to 200 individuals
- Navigated and screened 164 women for breast and cervical cancers; enrolled 183 in the **PA- Breast and Cervical Cancer Early Detection Program (PA-BCCEDP)**
- Educated 4,834 individuals on healthy lifestyles and the risks of secondhand smoke; educated 65 community members regarding risks of smoking and tobacco use; provided 75 individuals with smoking cessation information
- Collaborated with community organizations to conduct 63 events on cancer prevention and risk reduction, emphasizing healthy lifestyles and chronic disease management
- Engaged 35 men in informed decision-making conversations regarding prostate screening
- Reached 4,750 children through programs about cancer prevention focused on environmental factors, tobacco use, nutrition and sun exposure
- Educated 250 individuals on the importance of human papillomavirus (HPV) vaccination
- Provided bilingual patient navigation services and materials to 135 patients

Trustees of the University of Pennsylvania \$300,000

- Navigated 248 individuals to colorectal cancer screenings with 152 patients completing screening
- Navigated 641 women to breast cancer screening with 618 patients completing screening
- Evaluated and treated 66 adult survivors of pediatric and adult cancers in a multi-specialty survivorship clinic

- Delivered 5 cancer survivorship educational programs for 1,036 cancer patients and survivors
- Provided screening reminders and education via 641 phone calls, 250 emails, and 398 text messages
- Provided psychosocial screening to 2,027 individuals and navigated 274 for evaluation and treatment through the Abramson Cancer Center

Pennsylvania State University \$300,000

- Vaccinated 120 adolescents against HPV
- Provided bilingual patient navigation to 18 individuals
- Provided cultural competency education to 65 healthcare providers
- Educated 434 individuals regarding breast cancer screening
- Navigated 26 individuals to completed mammograms and 29 individuals to completed colorectal screening
- Educated 1,234 community members regarding chronic disease prevention and breast and colorectal cancer screenings and educated 186 individuals to increase participation in clinical trials

Breast and Cervical Cancer Screening Services

State appropriation \$2,563,000
Federal appropriation \$3,000,000

- A total of 9,871 breast and cervical cancer screenings were provided to women through the **PA-Breast and Cervical Cancer Early Detection Program**, with state and federal funds; due to Covid-19, cancer screenings directly funded by the program decreased by 25 percent from the previous year.
- In addition to cancer screening services, 3,384 diagnostic services for breast cancer and 738 diagnostic services for cervical cancer were provided for women by community partners through the **PA-Breast and Cervical Cancer Early Detection Program**.
- 112 breast cancers and 17 cervical cancers were detected.
- The number of **PA-Breast and Cervical Cancer Early Detection Program** provider sites increased from 228 to 268.
- Through interventions with community partners, an additional 1,756 women received breast and cervical cancer screenings via matching funds and donations.
- The **PA Breast Cancer Coalition** held six “67 Women, 67 Counties: Pennsylvania Women Facing Breast Cancer” traveling photo exhibits, reaching over 44,800 Pennsylvanians. Due to Covid-19, the exhibit was made available virtually beginning in Spring of 2020; data analytics from the digital platform are not yet available.

Evaluation

State funds \$65,000

- The **Public Health Management Corporation** provided evaluation services and data collection for the Comprehensive Cancer Control Program.

Implementation

Federal funds \$97,757

- **Temple University** provided implementation coordination services for community-based initiatives, project management, and workplan development.

Cancer Genetics

- The **Pennsylvania Cancer Coalition** began development of a toolkit to educate the public and enable healthcare providers to better identify individuals with genetic predispositions to cancer; 350 healthcare providers were educated on Lynch Syndrome.

Lung Cancer Prevention and Detection

- The **Pennsylvania Chapter of American Association of Radon Scientists and Technologists** tested 75 homes through a radon mitigation project in a low-income community in Allegheny County.
- With **Pennsylvania Cancer Coalition** partners, developed a radon training tool for Tobacco Regional Primary Contractors to provide public education, created an overlay map of lung cancer incidence with tobacco use and radon levels, and developed a lung cancer and radon awareness information sheet to increase awareness in changemakers.

HPV Vaccination Initiatives

- The **Pennsylvania Cancer Coalition** created a new sub-committee to promote dental provider participation in increasing HPV vaccination rates and developed a one-pager of talking points to assist dental providers in engaging with patients.
- With **Pennsylvania Cancer Coalition** partners, educated 431 providers on HPV vaccination strategies, including 258 dental providers.
- Partnered with the **American Cancer Society** to increase vaccination rates in 12 health systems as part of a long-term learning collaborative to provide technical assistance and education.

Colorectal Cancer

- Partnered with **Federally Qualified Health Centers** and the **American Cancer Society** to provide a one-day training to increase colorectal cancer screenings; 16 actions plans were developed to improve practice transformation and patient navigation.
- Through a collaboration with 2 health plans, 10,000 plan members received reminders for colorectal screenings.

Cancer Survivorship

- Received additional federal grant to improve cancer survivor outcomes by working with **Temple University** and **Geisinger Health** on a three-year data analysis project to improve survivor health status and identify best practices for health systems.

National Program of Cancer Registries

Federal funds **\$900,000**

The Cancer Registry promotes the use of central cancer registry data for planning and evaluation of cancer control objectives and public health practices, facilitating medical research, and improving the completeness and quality of registry data.

- Increased the completeness of cancer registry data by implementing reporting by additional non-hospital facilities including oncologists, radiation oncologists, hematologists, urologists, dermatologists, gastroenterologists and private pathology laboratories.
- Improved completeness and data quality by continuing linkages with hospital disease indices, the state death files, the National Breast and Cervical Cancer Early Detection Program, as well as investigating opportunities to implement linkages with the National Death Index (NDI) and the Pennsylvania Health Care Cost Containment Counsel (PHC4).

Pediatric Cancer Research Funds

Pennsylvania Department of Revenue **\$30,474**

Pennsylvania Department of Transportation **\$880,129**

- Two statues direct tax return donations and vehicle registration donations to pediatric cancer research. The funds above will be disseminated to the four pediatric cancer institutions as directed by the Pennsylvania Cancer Control, Prevention, and Research Advisory Board. These are Children’s Hospital of Philadelphia; UPMC Children’s Hospital of Pittsburgh; Penn State Children’s Hospital; and Penn Medicine Abramson Cancer Center.

References

Cancer Statistics Dashboard. Health.pa.gov. <https://www.health.pa.gov/topics/HealthStatistics/CancerStatistics/dashboard/Pages/Cancer-Dashboard.aspx>. Accessed October 22, 2020.

Cancer Prevention Overview. Cancer.gov. <https://www.cancer.gov/about-cancer/causes-prevention/patient-prevention-overview-pdq>. Accessed October 22, 2020.