

Program Name: Delaware Cancer Registry Program**Title of Success Story: Data Quality Increases in Delaware****Public Health Problem:**

For two consecutive years the Delaware Cancer Registry (DCR) failed to attain certification from the North American Association of Central Cancer Registries (NAACCR). In an effort to improve their ability to produce complete, accurate and timely data Delaware's Division of Public Health (DDPH) set out to establish an advisory committee that would be tasked with advising the DCR in scientific and logistical aspects of cancer data collection, registry operations, policies and program evaluation, and the best usage of cancer registry data in cancer control initiatives to further the cancer control goals of the State.

Use of Surveillance:

The mission of the Delaware Cancer Registry is to help reduce the cancer burden in Delaware, by maintaining a cancer database of excellent quality and completeness, and making this information available to health professionals, researchers, health care organizations and public health professionals for cancer prevention and control efforts. The Registry serves as a source of information to measure quality of cancer care in Delaware.

Collaboration:

In 2005 the DDPH with the support of the Delaware Cancer Consortium established the Delaware Cancer Registry Advisory Committee (DCRAC). The DCRAC is comprised of oncologists, certified tumor registrars, Department of Health and Social Services representatives, healthcare planners and policy makers, and advocacy organizations. The DCRAC provides guidance and support to the DCR toward the goal of improving cancer registry operations; including timeliness, completeness and quality of cancer data collection, and on the best use of cancer registry data for cancer surveillance and control initiatives, program planning, and cancer research.

Public Health Outcome:

When the DCRAC was established they worked with the DCR to develop and implement a three year execution plan. Since the initial implementation of the execution plan the DCR has achieved and maintained the highest standard for complete, accurate and timely data to calculate standard incidence statistics. This year the DCR received NAACCR Gold certification for 2010 diagnosis year data. This is the eighth consecutive year that the DCR has attained the Gold award. This seal of approval allows cancer incidence data collected by the Delaware Cancer Registry to be used for cancer surveillance and control efforts in Delaware and nationally. In addition:

- Delaware's NAACCR completeness rate has increased from 92.2% for diagnosis year 2002 to 104.7% for diagnosis year 2010.
- The 2008 diagnosis year data was audited in NPCR in 2011, and received an overall data quality score of 95.7%, the highest score of the 8 registries audited in that cycle
- The DCR successfully reduced the rate of missing/unknown chemotherapy data from 8.3% for diagnosis year 2006 to 4.5% for diagnosis year 2010.