NATIONAL PROGRAM CANCER REGISTRIES

SUCCESS STORIES

SOUTH DAKOTA

SOUTH DAKOTA CANCER REGISTRY

Title of the Initiative, project or type of data use

HPV and Cancer Project

General timeframe (year(s) or months) during which the initiative/project/data use occurred

2011 and ongoing

Statement of public health issue, concern or problem

The human papilloma virus (HPV) is causing cancer in the cervix, anus/rectum, vagina, head/neck/oral, vulva, and penis. More than 7% of all cancers diagnosed in South Dakota between the years of 2001-2008 were in a primary site that may have been caused by HPV. If vaccinated for HPV before exposure, many of these cancers may have been avoided and lives would have been saved.

Evidence that the use of registry data was effective in addressing the issue, concern or problem

The South Dakota Cancer Registry spearheaded this project and joined efforts with the SD Breast and Cervical Program, SD Comprehensive Cancer Control Program, SD Oral Health Program, and the South Dakota Office of Disease Prevention (specifically the Immunization Program) on the HPV and Cancer Project.

We produced a HPV and Cancer monograph, patient information card (with an immunization tear-off card on the bottom), and a vaccination magnet...to view see https://apps.sd.gov/applications/PH18Publications/secure/Puborder.asp and have made them available in the online ordering system. In December of 2011, a large mailing was conducted of the HPV products to school nurses, dentists, physicians, physician assistants, dental hygiene school, medical school, nursing schools, community health centers, family practice residency programs, ACS, IHS, tribal facilities, plus various other partners. In addition to the HPV products, they were provided information on how to order the products for distribution to their patients.

A HPV and Cancer advertisement was purchased in the physician publication from the SD Medical Association announcing the project…plus announcements have been placed in the following newsletters…SD Academy of Family Physicians, the SD Nurses Association, the SD PA Association, SD Department of Health, Working on Wellness, the SD Dental Association, and the SD Department of Education.

A HPV article was written for the SD Public Health Bulletin. A presentation has been made to the community health regional managers for promotion of the HPV products.

Within the last four months since the mailing, several of the SD school districts and medical providers have ordered information for distribution to students and patients. Through the immunization program the immunization rates will be monitored to see if those communities that have ordered HPV materials have an increased Gardasil immunization rate.

Another media push is planned for late summer to capture students seeking immunizations and athletic physicals before school starts in August of 2012.

Sanford Health (the largest health network in SD) has asked for permission to borrow information from the HPV and Cancer monograph to include in their employee newsletter.

Implications regarding this successful use of cancer registry data

The cancer registry incidence and mortality data provided the genesis for the project. If none of these HPV-related cancers had been diagnosed in South Dakota, there would not have been a need for the project.

Again, as the Gardasil immunization rates come available they will be monitored for an increase. More importantly, the incidence rates for HPV-related cancers will be monitored within South Dakota. The expectation is to observe a decline in the incidence rates as the immunization rates improve.

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