

2020 NPCR KANSAS CANCER REGISTRY SUCCESS STORY

STORY CATEGORY: Registry Operations

STORY TITLE: Role of Physician Groups/Clinics in Attaining Kansas Cancer Registry Case Completeness with Major Sites

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SUMMARY

Cancer case ascertainment is a critical part of cancer registry operations. Kansas Law requires physicians who diagnose and/or treat cancer patients to report cancer cases to Kansas Cancer Registry (KCR). Several physician groups/clinics are identified and are currently reporting their cancer cases proactively to KCR. In addition, KCR also requests Medical Record Disease Index (MRDI) from all physician groups/clinics that diagnose/treat cancer patients. The cases/lists are reviewed for capturing missed cases. The missed cases are entered into Rocky Mountain Cancer Data System (RMCDs) as new cases or help completing cases already in the system but with missing data items.

CHALLENGE

KCR's challenge is to reduce a duplication of effort toward completeness of case ascertainment and data quality.

SOLUTION

Due to varying reporting timelines from hospitals, a linkage with physician groups/clinics MRDI's is necessary to capture missed cases or consolidate critical data items when additional data sources become available. The lists of possible missed cases are sent to the physician groups/clinics once every year. KCR tracks these cases until they are returned to the registry. These cases are then reviewed and entered into RMCDs software as new cases or help completing cases already in the system but with missing data items. KCR management reports help track information on missed cases by primary site and physician groups/clinics.

RESULTS

KCR reviewed all the cases diagnosed from 2013-2017. A total of 78,114 cases were reported to the Kansas Cancer Registry in a 5-year period from 2013-2017. Cases solely reported by physician groups/clinics accounted for 7,601 cases (about 10%). From the total cases reported by physician groups/clinics, 3,036 cases (3.9%) were abstracted and entered as new cases into RMCDs while 4,565 cases (5.8%) helped in completing cases that were already reported by other facilities but had missing data items. Based on the 5-year data the top five cancer sites that the physician groups/clinics reported to KCR are Prostate cancer, Melanoma of the skin, Female breast cancer, Lung & Bronchus cancer and Leukemia. Each year physician groups/clinics play a critical role in KCR attaining the case ascertainment.

SUSTAINING SUCCESS

The Kansas Cancer Registry has a team of staff members with diverse experience and expertise. Sustaining this type of success is likely.

REGISTRY CONTACT INFORMATION

Kansas Cancer Registry

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