2023 NPCR UTAH SUCCESS STORY

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Development of an Electronic Provider Cancer Reporting Form Using REDCap

National Program of Cancer Registries
SUCCESS STORY

SUMMARY

To provide an option for small-scale outpatient clinics to report electronically, Utah Cancer Registry (UCR) developed an online reporting form for collecting cancer cases without requiring any IT resources from the provider. We provided the link to the reporting form, began reaching out to providers to onboard them, and started receiving case reports. While developing the code and process to import the information collected from the reporting form directly into SEER*DMS, UCR coders pulled out diagnosis year 2021 cases for manual abstraction.

CHALLENGE

- Existing electronic reporting mechanisms are difficult for small-volume providers (fewer than 100 cases a year) with limited IT capabilities to implement.

- Small-volume providers needed a way to submit cancer cases to the registry electronically, per the change to the Utah Cancer Reporting Rule requiring electronic reporting.

- The past method was mailing or faxing paper forms. Issues included data security, low control, possibility of loss in transit, and slow method for acquiring data.

- Solutions must be easy and efficient for providers and support staff to submit data.

- Must also be efficient for registry staff to transfer into SEER*DMS.

SOLUTION

- We created an easily distributable and data-secure REDCap form with a pre-existing software license.

- Case reports can be exported as .csv for data translation and importing into SEER*DMS.

- Reports can also be exported as PDF for visual or manual abstraction by coders while the export process is being developed and tested.

RESULTS

- Collaborated with clinics to test the form and made improvements based on their feedback.

- This method has an easily trackable history of reports received.

- In less than one year, we have onboarded 7 providers and received 258 case reports, with more clinics to be onboarded (see Table 1).

- Of the reports received, more than 200 are cancer cases with no hospital abstract, suggesting improved casefinding.

Table 1. Results of implementing REDCap reporting form for outpatient provider cancer reporting, December 2022 – September 2023

Reports Received	Providers Onboarded	Providers In-Process	Providers to Contact
258	7	4	15

SUSTAINING SUCCESS

- We are working to finalize the process to extract REDCap data and convert it to NAACCR XML, which will reduce coder time.

- We will continue onboarding additional providers, focusing on specialties that diagnose and treat cancer in an outpatient setting.

- A new provider follow-up process will be used to ensure we are getting regular submissions from all providers.
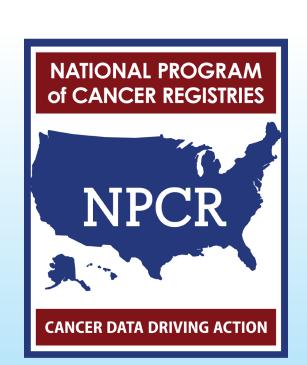
STORY QUOTE

"Providers utilizing the new reporting process has decreased the amount of time I have had to spend hand entering cases being reported to UCR. This has freed up my time and allowed me to complete other important tasks that also need to be completed."
– Sandra Reay, CTR, UCR

REGISTRY CONTACT

https://uofuhealth.utah.edu/utah-cancer-registry

NATIONAL PROGRAM of CANCER REGISTRIES

NPCR

CANCER DATA DRIVING ACTION

**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention