



ASO VISUAL ABSTRACT

ASO Visual Abstract: Evaluation of the Impact of the COVID-19 Pandemic on Reliability of Cancer Surveillance Data in the National Cancer Database

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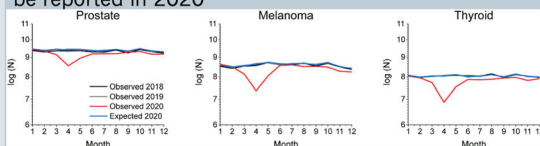
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The number of cancer cases reported to the National Cancer Database (NCDB) decreased during 2020, the first year of the COVID-19 pandemic, reflecting changes in

health care utilization during the lockdown rather than changes in data collection (<https://doi.org/10.1245/s10434-022-12935-w>).

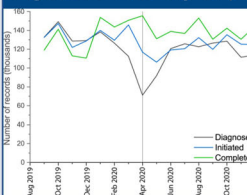
Evaluation of the Impact of Covid-19 Pandemic on Reliability of Cancer Surveillance Data in the National Cancer Database

There was a significant decrease in the number of cancer cases reported to the NCDB during the first months of the COVID-19 pandemic, leading to a 12.4% deficit compared to the number of cases expected to be reported in 2020



Cancers often diagnosed and treated in outpatient settings and/or for which clinical guidelines have recently changed to prevent overdiagnosis (prostate, melanoma, and thyroid cancer) had the greatest deficit in 2020.

The significant decrease in number of cases reported to the NCDB in 2020 was not due to registrars' inability to process cancer data.



During the first months of the pandemic, the number of records "completed" by cancer registrars increased.

This reflects the ability of cancer registrars to process records during the pandemic.

The decline in the number of cancer cases reported to the NCDB accurately reflects the impact of the pandemic on cancer care and were not biased by changes in data processing.

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