

Institutional review board statement

The data in this study was obtained from SEER database and National Cancer Institute had given us permission to access data for researching (Reference number: 10536-Nov2017). Given that SEER data is de-identified and ethics approval is waived, this study was exempted from Institutional Research Board review.

Related materials are as follows.

2018/4/23

SEER Research Data Agreement

Last Name: Yu
SEER ID: 10536-Nov2017
Request Type: Internet Access

SURVEILLANCE, EPIDEMIOLOGY, AND END RESULTS PROGRAM
Data-Use Agreement for the SEER 1973-2015 Research Data File

It is of utmost importance to protect the identities of cancer patients. Every effort has been made to exclude identifying information on individual patients from the computer files. Certain demographic information - such as sex, race, etc. - has been included for research purposes. All research results must be presented or published in a manner that ensures that no individual can be identified. In addition, there must be no attempt either to identify individuals from any computer file or to link with a computer file containing patient identifiers.

In order for the Surveillance, Epidemiology, and End Results Program to provide access to its Research Data File to you, it is necessary that you agree to the following provisions.

1. I will not use - or permit others to use - the data in any way other than for statistical reporting and analysis for research purposes. I must notify the SEER Program if I discover that there has been any other use of the data.
2. I will not present or publish data in which an individual patient can be identified. I will not publish any information on an individual patient, including any information generated on an individual case by the case listing session of SEER*Stat. In addition, I will avoid publication of statistics for very small groups.
3. I will not attempt either to link - or permit others to link - the data with individual level records in another database.
4. I will not attempt to learn the identity of any patient whose cancer data is contained in the supplied file(s).
5. If I inadvertently discover the identity of any patient, then (a) I will make no use of this knowledge, (b) I will notify the SEER Program of the incident, and (c) I will inform no one else of the discovered identity.
6. I will not either release - or permit others to release - the data - in full or in part - to any person except with the written approval of the SEER Program. In particular, all members of a research team who have access to the data must sign this data-use agreement.
7. I will use appropriate safeguards to prevent use or disclosure of the information other than as provided for by this data-use agreement. If accessing the data from a centralized location on a time sharing computer system or LAN with SEER*Stat or another statistical package, I will not share my logon name or password with any other individuals. I will also not allow any other individuals to use my computer account after I have logged on with my logon name and password.
8. For all software provided by the SEER Program, I will not copy it, distribute it, reverse engineer it, profit from its sale or use, or incorporate it in any other software system.
9. I will cite the source of information in all publications. The appropriate citation is associated with the data file used. (Please see either Suggested Citations on the SEER*Stat Help menu or the Readme.txt associated with the ASCII text version of the SEER data.)

My signature indicates that I agree to comply with the above stated provisions.

Tunan Yu.
Signature

April 23rd, 2018.
Date

Please print, sign, and date the agreement. Send the form to The SEER Program:

- By fax to 301-680-9571
- Or, e-mail a scanned form to seerfax@imsweb.com

Last Name: Yu | SEER ID: 10536-Nov2017 | Request Type: Internet Access

SEER Data Request Approved

seertrack@imsweb.com

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收件人: yutunan@hotmail.com <yutunan@hotmail.com>

Thank you for your interest in the SEER Research Data. Your signed Research Data Agreement is on file at SEER. Your username and password have been generated for Internet access and they are shown below. Please note that both the username and password are case sensitive.

Username: 10536-Nov2017

Password: *****

These will allow you to utilize the SEER*Stat client-server system and/or download the files which make up the SEER Research Data DVD. These options are described at the following URL:

<http://seer.cancer.gov/data/options.html>

You can change your password once you log into SEER*Stat from the "Client Server User Information" option located under the Profile menu.

Radiation treatment variables have been removed from the public research database starting with the November 2016 data submission. These variables are available through a custom data request process after signing an additional data use agreement that describes the completeness of the radiation treatment variable and the potential biases associated with use of the radiation data. To request access to radiation treatment data, go to <https://seer.cancer.gov/data/treatment.html>

Send questions or comments to:

- seertrack@imsweb.com -- regarding access to SEER Research Data
- seerstat@imsweb.com -- for SEER*Stat technical support
- seerweb@imsweb.com -- general questions regarding SEER or SEER data

Thank you,
SEER*Stat Technical Support
IMS, Inc.



Citations for SEER Databases and SEER*Stat Software

(<https://seer.cancer.gov>)

Data Citation

The citation for each database provided by SEER should include information about the data submission and release date. If using SEER*Stat, the name of the database in SEER*Stat (<https://seer.cancer.gov/data-software/documentation/seerstat/>) should be included. The citation for the selected database is shown on SEER*Stat's data tab and in print-outs of sessions and results.

The following are examples of citations for SEER Research, U.S. Mortality, and U.S. Population data.

SEER Research Data 1973-2015 when Using SEER*Stat:

Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER*Stat Database: Incidence - SEER 9 Regs Research Data, Nov 2017 Sub (1973-2015) <Katrina/Rita Population Adjustment> - Linked To County Attributes - Total U.S., 1969-2016 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, released April 2018, based on the November 2017 submission.

*This is an example of one SEER*Stat database. The database name, release date, and submission will vary for other databases.*

SEER Research Data 1973-2015 -- ASCII Text Data:

Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) Research Data (1973-2015), National Cancer Institute, DCCPS, Surveillance Research Program, released April 2018, based on the November 2017 submission.

U.S. Mortality Data 1969-2015 when Using SEER*Stat:

Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER*Stat Database: Mortality - All COD, Aggregated With State, Total U.S. (1969-2015) <Katrina/Rita Population Adjustment>, National Cancer Institute, DCCPS, Surveillance Research Program, released December 2017. Underlying mortality data provided by NCHS (www.cdc.gov/nchs).

U.S. Population Data 1969-2016 when Using SEER*Stat:

Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER*Stat Database: Populations - Total U.S. (1969-2016) <Katrina/Rita Adjustment> - Linked To County Attributes - Total U.S., 1969-2016 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, released November 2017.

U.S. Population Data 1969-2016 with Other Software: (downloaded from SEER Web site)

Surveillance, Epidemiology, and End Results (SEER) Program Populations (1969-2016) (www.seer.cancer.gov/popdata), National Cancer Institute, DCCPS, Surveillance Research Program, released December 2017.

When publishing statistics using these data, you should describe the subset of data used. For example, indicate years of diagnosis and the registries included in the analysis.

Citation for SEER*Stat Software

If you use SEER*Stat to analyze your data or data provided by SEER, include the following citation. Replace <version number> with the version of SEER*Stat that was used. The citation including the version number can be seen by selecting Suggested Citations on SEER*Stat's help menu and in print-outs of sessions and results.

Surveillance Research Program, National Cancer Institute SEER*Stat software (seer.cancer.gov/seerstat) version <version number>.