Title
Data Available From Birth and Death Registries and Cancer Registries in the United States

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Author
Selvin, S.

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B.L. Wallin, A.R. Houser, D.W. Merrill, and S. Selvin

January 1994
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Data Available from
Birth and Death Registries
and Cancer Registries
in the United States

Becky L. Wallin, M.P.H.\textsuperscript{1,2}
Alan R. Houser, M.P.H.\textsuperscript{1}
Deane W. Merrill, Ph.D.\textsuperscript{1,3}
Steve Selvin, Ph.D.\textsuperscript{1,3}

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\textsuperscript{1} Information and Computing Sciences Division, Lawrence Berkeley Laboratory, 1 Cyclotron Road, Berkeley, CA 94720.

\textsuperscript{2} Chicago Medical School, 3333 Green Bay Road, North Chicago, IL 60064.

\textsuperscript{3} Department of Biomedical and Environmental Health Sciences, University of California, Berkeley, CA 94720.

Address all correspondence to Alan R. Houser, Information and Computing Sciences Division, 50B-2239, Lawrence Berkeley Laboratory, 1 Cyclotron Road, Berkeley, CA 94720. Fax: (510) 486-6363.

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Introduction

In the United States, cancer registries have been compiling data for decades, and state vital statistics offices have been compiling birth and death data for nearly a century. Although this information has been well used for disease surveillance and various studies, it could be better exploited by making it more readily available, reducing the duplication of effort that occurs when researchers at the private, city, county, state, and federal levels work separately on their data collection and disease investigations. This report summarizes the nationwide availability of birth and death records and cancer registry data, with particular emphasis on subcounty geographic detail, such as zip code and census tract.

Birth and death data are available at the county level for the entire United States from the National Center for Health Statistics. However, county level data are inadequate for small area studies of potential environmental hazards. Hazards of current interest to the Department of Energy (DOE) include DOE facilities, nuclear power plants, and sources of electromagnetic radiation such as broadcasting towers and power lines.

For additional information about existing health data bases, see Gable CB,1 Flynt et al.,2 and Frisch et al.3

Methods

The information compiled in this report was obtained between June and August, 1990, by telephoning vital statistics offices and cancer registries in the United States. Special effort was made to ascertain the geographic detail and coverage of the data, with emphasis on census tract codes and zip codes. Where zip code and/or census tract data were collected, we obtained additional information regarding the completeness of the coverage and the years covered by the data. In each case, we attempted to determine the person to contact when requesting the data, and any
special protocols required to obtain the data. In December, 1993, follow-up letters were sent to each registry and vital statistics office to verify the correctness of the data.

In Tables 1 and 2, "Data Available" refers to the earliest year for which birth and death records were collected by the state. "Data On Line" refers to the earliest year for which computer-readable birth or death records are available. "Zip Code Available" refers to the earliest year for which zip code information is available for the birth or death records. "Census Tract Available" refers to the earliest year for which census tract information is available and for which counties if not statewide.

In Table 3, "Start Date" refers to the earliest year for which cancer records were collected by the registry. "Pop'n Based?" indicates whether the registry is population-based or when it became population-based (a registry is considered population-based if it collects cancer cases among all residents within the region covered by that registry). "Zip Code" and "Census Tract Available" serve the same purpose as in the birth and death tables.

Appendices A, B, and C contain additional information for birth and death registries, cancer registries, and cancer registry services, respectively. "Comments" includes any additional information that pertains to data from that state. "Ordering" indicates any special procedures for obtaining data.

Results

All states have birth and death data on line except for Montana (Tables 1 and 2); three-quarters of the states have computer-readable data from 1970 forward. Zip codes are available for birth records in 44 of the 51 states, and are available for death records in 39 states (in this report, District of Columbia is considered a state). Census tracts are available for birth and death records in 22 and 20 states, respectively, but only the District of Columbia, Hawaii, Rhode Island, and Washington cover the entire geographic area.
Table 3 indicates the availability of cancer registry data in the United States. Forty-six of the 51 states have cancer registries, and 41 of the registries (excluding Alaska) are population-based, but only 24 have data before 1980. In some states, regional population-based registries existed before state-wide reporting was in place; these are noted under "Comments" in Appendix B. In other cases, population-based reporting was instituted after the establishment of the registry. Alaska is population-based, but the population covered is only Native Americans, Eskimos, and Aleuts. Forty-three of the cancer registries collect zip code data, but only 21 collect census tract data. Only eight states have cancer registries that collect census tract data for the entire state.

Appendices A and B indicate the person to contact when requesting data from that state. They also contain miscellaneous information that may be useful when ordering data.

Appendix C summarizes the cancer data services in the United States. Some of these services are shared by several states and may be helpful when planning a study involving more than one state.

**Discussion**

The data in the aforementioned databases can be used for case-control or cohort studies, provided that strict confidentiality requirements are met by the investigator. They are also useful for ecologic studies, where zip codes or census tracts can link birth, death, or cancer incidence data with census population data and databases of environmental exposures. For example, Jablon et al. performed an ecologic study of cancer in populations living near nuclear facilities. In other studies, ecologic data have been used to examine the relationship between birth defects and pesticide use by county and by zip code.

Ecologic studies have well-known limitations. Special techniques are required
for analyzing ecologic summary data, in order to avoid introducing bias related to the "ecologic fallacy".\textsuperscript{7} When linking an environmental exposure with the geographic distribution of a disease, it must be remembered that exposure is an average value pertaining to a geographic area and may not be generalizable to individuals within the population. Misclassification of exposure may result, reducing the likelihood of finding a significant association between exposure and disease. Other sources of misclassification bias exist; for example, zip codes for rural areas are not reliable because many people use post office boxes that may be up to 40 miles from home.

For disease codes most vital statistics offices and cancer registries use \textit{International Classification of Diseases (ICD)}\textsuperscript{8} or \textit{International Classification of Diseases for Oncology (ICD-O)}\textsuperscript{9} codes. To keep pace with advances in medical knowledge, ICD and ICD-O definitions are revised approximately every ten years by international agreement. As a result, time trends of disease rates may have unavoidable discontinuities in those years when code changes occurred.

Census tract boundaries, zip code boundaries, and, to a lesser extent, county boundaries may change over time, making it more difficult to define the population at risk when using data that span a longer time period. It is important to determine that the recorded deaths and the estimated population at risk correspond to exactly the same geographic area and time period.

Racial classification is another variable that is not constant over time. The classification for whites presents a major problem: due to increasing ethnic awareness, many Hispanic Americans who identified themselves as "white" in the 1970 Census preferred to call themselves "other race" in the 1980 and 1990 Censuses. The bias affects primarily census denominators and not, for example, mortality or cancer incidence numerators. The result is an upward bias, beginning around 1980, of white disease rates in areas with large Hispanic populations. The upward bias exceeds 10 percent in some areas.\textsuperscript{10} Race-corrected population
estimates, and not original census data, should be used as population denominators. (Race-corrected county population estimates may be purchased from Demo-Detail Inc., Richard Irwin, Director; 2303 Apple Hill Rd. Alexandria, VA 22308. (703) 780-9563.)

Migration may cause spurious associations or mask real associations. Deaths are classified by location of residence at time of death, which may be ambiguous for people who have more than one residence and especially for diseases like cancer which may have long latency periods. Annual totals generally serve as numerators when calculating disease rates. In contrast, the population denominators collected by the Bureau of the Census refer to the physical location of the person on Census Day, for example April 1, 1990. In a location with seasonal population variation, for example, Nantucket County, Massachusetts, a systematic bias exists because the census population measurement is not an accurate estimate of the average annual population.\textsuperscript{11} It may be useful to understand the reciprocal case notification agreements that exist between various states and between various registries in order to recognize the impact that migration has on data from that state.

Of particular concern are effects due to the migration of military personnel. When studying an area that contains a military base, the epidemiologist must ascertain how military personnel are counted by the cancer registry, by the vital statistics office, and by the Bureau of the Census. A large military population within an area could alter the estimate of the number exposed and susceptible to disease.

It must be kept in mind that birth and death records are only a crude measure of health effects. Hexter \textit{et al.} have determined that the reporting of birth defects on the birth certificate is poor.\textsuperscript{12} Furthermore, the cause of death reported on the death certificate may fail to represent the actual underlying cause of death. This discrepancy may arise when the death certificate is completed by the physician on duty at the time of death, and not by the patient's regular physician. For a more complete
understanding of the disease-risk association, especially for chronic diseases, it is essential to consult the multiple cause of death section on the death certificate.

Assumptions and conclusions regarding cancer incidence data are dependent on whether or not the registry is population-based. If the registry is not population-based, the registry population will not be representative of the area which it serves.

Although many states do not have statewide registries, useful cancer data may be obtained from individual hospital registries within that state. A list of approved hospital cancer registries is published by the Commission on Cancer of the American College of Surgeons.13

Despite the limitations associated with ecologic analysis of routinely collected surveillance data, the insight provided by such studies is valuable. Often less expensive than other methods, ecologic studies may suggest etiologic hypotheses, and they can aid in planning more thorough investigations of the association between a suspected environmental health risk and disease.

Acknowledgments
We wish to thank Carl Quong and Robert Goldsmith for programmatic support of epidemiologic data activities in the Department of Energy. We are grateful to Harvard Holmes for project resources and personal involvement that were essential to the completion of this report.
References


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*Note: New York state and New York City birth data are available from separate agencies.*
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### Table 2: Death Data Availability

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<td>1968</td>
<td>N/A</td>
<td>1972-entire state</td>
</tr>
<tr>
<td>South Dakota</td>
<td>1905</td>
<td>1960</td>
<td>1988</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Note:** New York state and New York City death data are available from separate agencies.
<table>
<thead>
<tr>
<th>State</th>
<th>Data Available</th>
<th>Data On Line</th>
<th>Zip Code</th>
<th>Census Tract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas</td>
<td>1903</td>
<td>1964</td>
<td>1989</td>
<td>Not available</td>
</tr>
<tr>
<td>Utah</td>
<td>1905</td>
<td>1956</td>
<td>1978</td>
<td>Not available</td>
</tr>
<tr>
<td>Vermont</td>
<td>1850</td>
<td>1968</td>
<td>N/A</td>
<td>Not available</td>
</tr>
<tr>
<td>Virginia</td>
<td>1913</td>
<td>1975</td>
<td>1975</td>
<td>Not available</td>
</tr>
<tr>
<td>Washington</td>
<td>1907</td>
<td>1968</td>
<td>1968</td>
<td>1980-entire state</td>
</tr>
<tr>
<td>West Virginia</td>
<td>1917</td>
<td>1948</td>
<td>1979</td>
<td>Not available</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>1907</td>
<td>1958</td>
<td>1989</td>
<td>Not available</td>
</tr>
<tr>
<td>Wyoming</td>
<td>1909</td>
<td>1978</td>
<td>N/A</td>
<td>Not available</td>
</tr>
</tbody>
</table>
### Table 3: Cancer Data Availability

<table>
<thead>
<tr>
<th>State</th>
<th>Agency</th>
<th>Start Date</th>
<th>Pop'n Based?</th>
<th>Zip Code</th>
<th>Census Tract Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>Alabama Dept. of Health</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Alaska</td>
<td>Alaska Area Native Health Service</td>
<td>1969</td>
<td>Yes</td>
<td>N/A</td>
<td>Not available</td>
</tr>
<tr>
<td>Arkansas</td>
<td>Central Arkansas Radiation Therapy Institute</td>
<td>1982</td>
<td>No</td>
<td>N/A</td>
<td>Not available</td>
</tr>
<tr>
<td>California</td>
<td>California Cancer Surveillance Section</td>
<td>1973</td>
<td>Yes</td>
<td>1973</td>
<td>1973-San Francisco Bay Area &amp; Los Angeles; 1984-Orange County; 1988-statewide</td>
</tr>
<tr>
<td>Delaware</td>
<td>Delaware State Tumor Registry</td>
<td>1972</td>
<td>Yes</td>
<td>1972</td>
<td>1980-entire state</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>Central Cancer Registry</td>
<td>1950</td>
<td>Yes</td>
<td>1950</td>
<td>Available for entire district</td>
</tr>
<tr>
<td>Florida</td>
<td>Cancer Epidemiology, HSDE</td>
<td>1979</td>
<td>1981</td>
<td>1979</td>
<td>1981-available for 85% of state; unavailable for rural routes &amp; P.O. boxes</td>
</tr>
<tr>
<td>Georgia</td>
<td>Georgia Center for Cancer Statistics</td>
<td>1969</td>
<td>No</td>
<td>1975</td>
<td>1975-Fulton, Dekalb, Clayton, Gwinnett, &amp; Cobb counties</td>
</tr>
<tr>
<td>Hawaii</td>
<td>Hawaii Tumor Registry</td>
<td>1960</td>
<td>1960</td>
<td>1960</td>
<td>1979-entire state</td>
</tr>
<tr>
<td>Idaho</td>
<td>Cancer Data Registry of Idaho</td>
<td>1969</td>
<td>Yes</td>
<td>1969</td>
<td>Not available</td>
</tr>
<tr>
<td>Indiana</td>
<td>State Cancer Registry</td>
<td>1987</td>
<td>1987</td>
<td>1987</td>
<td>Not available</td>
</tr>
<tr>
<td>Iowa</td>
<td>State Health Registry of Iowa</td>
<td>1973</td>
<td>Yes</td>
<td>1973</td>
<td>1978-Dubuque, Woodbury, Black Hawk, Linn, Scott, Polk, Pottawattamie, &amp; parts of Warren and Dallas counties</td>
</tr>
<tr>
<td>Kansas</td>
<td>Cancer Data Service</td>
<td>1969</td>
<td>1983</td>
<td>1970</td>
<td>Not available</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Kentucky Cancer Registry</td>
<td>1986</td>
<td>1991</td>
<td>1986</td>
<td>Not available</td>
</tr>
<tr>
<td>Maine</td>
<td>Maine Cancer Registry</td>
<td>1983</td>
<td>Yes</td>
<td>1983</td>
<td>Not available</td>
</tr>
<tr>
<td>State</td>
<td>Agency</td>
<td>Start Date</td>
<td>Pop'n Based?</td>
<td>Zip Code</td>
<td>Census Tract Available</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------</td>
<td>------------</td>
<td>--------------</td>
<td>----------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>Massachusetts Cancer Registry</td>
<td>1982</td>
<td>Yes</td>
<td>1982</td>
<td>1982-entire state</td>
</tr>
<tr>
<td>Michigan</td>
<td>Michigan Cancer Surveillance System</td>
<td>1985</td>
<td>Yes</td>
<td>1985</td>
<td>Not available now but may be in the future</td>
</tr>
<tr>
<td>Minnesota</td>
<td>Minnesota Cancer Surveillance System</td>
<td>1988</td>
<td>Yes</td>
<td>1988</td>
<td>Not available now but will be in the future</td>
</tr>
<tr>
<td>Mississippi</td>
<td>State Department of Health</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Missouri</td>
<td>Bureau of Smoking, Tobacco, &amp; Cancer</td>
<td>1984</td>
<td>Yes</td>
<td>1984</td>
<td>Not available</td>
</tr>
<tr>
<td>Montana</td>
<td>Montana Central Tumor Registry</td>
<td>1987</td>
<td>Yes</td>
<td>1987</td>
<td>Not available</td>
</tr>
<tr>
<td>Nebraska</td>
<td>Nebraska Cancer Registry</td>
<td>1979</td>
<td>Yes</td>
<td>1979</td>
<td>Not available</td>
</tr>
<tr>
<td>Nevada</td>
<td>Statewide Cancer Registry Program</td>
<td>1979</td>
<td>Yes</td>
<td>1979</td>
<td>Not available</td>
</tr>
<tr>
<td>New Jersey</td>
<td>New Jersey State Cancer Registry</td>
<td>1979</td>
<td>Yes</td>
<td>1979</td>
<td>1979-more complete for northern (urban) areas and less complete for rural areas; about 75% of file is tracted 1973-Bernalillo county; 1991-Santa Fe county</td>
</tr>
<tr>
<td>New Mexico</td>
<td>New Mexico Tumor Registry</td>
<td>1967</td>
<td>1969</td>
<td>1967</td>
<td></td>
</tr>
<tr>
<td>North Dakota</td>
<td>State Department of Health</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Ohio</td>
<td>Cancer Data System, Inc.</td>
<td>1975</td>
<td>1987</td>
<td>1975</td>
<td>1975-Cuyahoga County</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>Oklahoma Cancer Registry</td>
<td>1990</td>
<td>No</td>
<td>1990</td>
<td>Not available</td>
</tr>
<tr>
<td>Oregon</td>
<td>Oregon Health Division</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>State Health Data Center</td>
<td>1982</td>
<td>1985</td>
<td>1982</td>
<td>Not available</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>Rhode Island Cancer Registry</td>
<td>1986</td>
<td>Yes</td>
<td>1986</td>
<td>1986-entire state</td>
</tr>
<tr>
<td>South Carolina</td>
<td>S.C. Department of Health</td>
<td>1990</td>
<td>No</td>
<td>N/A</td>
<td>Not available</td>
</tr>
<tr>
<td>South Dakota</td>
<td>South Dakota Department of Health</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Tennessee</td>
<td>Tennessee Cancer Reporting System</td>
<td>1986</td>
<td>Yes</td>
<td>1986</td>
<td>Not available</td>
</tr>
<tr>
<td>Texas</td>
<td>Cancer Registry Division</td>
<td>1949</td>
<td>1976</td>
<td>1949</td>
<td>Not available</td>
</tr>
<tr>
<td>State</td>
<td>Agency</td>
<td>Start</td>
<td>Pop'n</td>
<td>Zip</td>
<td>Census Tract Code</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
<td>-------</td>
<td>-------</td>
<td>-----</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>Utah</td>
<td>Utah Cancer Registry</td>
<td>1966</td>
<td>1966</td>
<td>1966</td>
<td>1973-Utah, Salt Lake, Davis, &amp; Weber counties; 1978-Toole County</td>
</tr>
<tr>
<td>Vermont</td>
<td>Vermont Cancer Registry</td>
<td>1993</td>
<td>1993</td>
<td>1993</td>
<td>Not available</td>
</tr>
<tr>
<td>Virginia</td>
<td>Virginia Tumor Registry</td>
<td>1970</td>
<td>1990</td>
<td>1970</td>
<td>Not available</td>
</tr>
<tr>
<td>West Virginia</td>
<td>Office of Epidemiology</td>
<td>1991</td>
<td>Yes</td>
<td>1991</td>
<td>Not available</td>
</tr>
<tr>
<td>Wyoming</td>
<td>Wyoming Central Tumor Registry</td>
<td>1962</td>
<td>1962</td>
<td>1962</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Appendix A: Birth & Death Data Ordering Information

Alabama
Dorothy Harshbarger, State Registrar
Center for Health Statistics
Alabama State Health Department
P.O. Box 5625
Montgomery AL 36103-5625
(205) 613-5426

Comments:
Alabama application for Release of Vital Records and signed confidentiality statement must be submitted and approved before records with individual identifiers are released.

Ordering:

Alaska
Al Zangri, Chief
Bureau of Vital Statistics
Alaska Department of Health
P.O. Box H
Juneau AK 99811-0675
(907) 465-3992

Comments:
Send request with research summary & protocol.

Ordering:

Arizona
Mary Symcox
Office of Vital Records
Arizona State Department of Health
P.O. Box 3887
Phoenix AZ 85030
(602) 542-1084

Comments:
Approval by Dept's Subject Review Committee required. Signed confidentiality statement required. No follow-back permitted. Identifiers on records must not be used or contacted.

Ordering:

Arkansas
Werner Haney, Director of Vital Statistics
Center for Health Statistics, Slot 19
Arkansas Department of Health
4815 West Markham
Little Rock AR 72205-3867
(501) 661-2510

Comments:

Ordering:

California
Charles Chan
Vital Statistics Section
Department of Health Services
714 P Street, Room 1494
Sacramento CA 95814
(916) 657-3057
Fax: (916) 324-5599

Comments:

Ordering:

Cost: $175 for first year, $50 for each additional year.
Colorado
Carol Garrett, Section Chief
Office of Vital Statistics
Colorado Department of Health
4300 Cherry Creek Drive South
HSUR - HS - A5
Denver CO 80222-1530
(303) 692-2160
Fax: (303) 782-0095

Connecticut
Kathryn E. Friedrich
Registrar of Vital Records
Department of Public Health & Addiction Services
150 Washington Street
Hartford CT 06106
(203) 566-6545

Comments:
Birth & death data requests for research must be reviewed & approved by agency’s Human Investigations Committee.

Ordering:
Call for copy of HIC protocol.

Delaware
Mary E. Cannon
Health Planning and Resources Management
Department of Health and Social Services
P.O. Box 637
Dover DE 19903
(302) 736-4776

Comments:
All data requests must be reviewed and may require Board of Health approval. Confidentiality assurances are required.

District of Columbia
Carl W. Wilson, Chief
Research and Statistics Division
D.C. Department of Human Resources
613 G Street, 9th Floor
Washington DC 20001
(202) 727-0682
Fax: (202) 727-3396

Florida
Kenneth T. Jones, Acting Chief
Office of Vital Statistics
P.O. Box 210
Jacksonville FL 32231-0042
(904) 359-6929

Comments:
Requests involving confidential information require study protocol and Data Purchase and Use Agreement to be submitted for review by the State.

Ordering:
Special programming requests are on a fee-for-services basis.

Georgia
Michael R. Lavoie, Director
Vital Records Service
Department of Human Resources
Room 217 H
Atlanta GA 30334
(404) 656-4750

Comments:
Hold-harmless agreement required. If contact with subjects is necessary, IRB or DHR Human Subjects Committee approval needed.

Ordering:
Send a written summary with the protocol.
Hawaii
Dr. Alvin Onaka, State Registrar
Office of Health Status Monitoring
Hawaii Department of Health
P.O. Box 3378
Honolulu HI 96801
(808) 548-6454

Comments:
Dept requests a gratis copy of any report using Hawaii data.
Ordering:
Request copy of confidentiality form before ordering. Birth data requests must be reviewed by Data Committee.

Idaho
Janet M. Wick, Head Statistician
Bureau of Vital Statistics
Cooperative Center for Health Statistics
Statehouse
Boise ID 83720
(208) 334-5978

Comments:
Data available on tape from 1954. Limited disclosure of confidential information.
Ordering:
Research application required.

Illinois
Larry Davis
Division of Vital Records
State Department of Public Health
605 West Jefferson St.
Springfield IL 62702-5097
(217) 782-6553

Comments:
Ordering:

Indiana
James M. Miklos, Administrative Officer
Planning & Information Services
Indiana State Department of Health
1330 West Michigan Street
PO Box 1964
Indianapolis IN 46206-1964
(317) 633-8515

Comments:
Before 1979, zip code data are incomplete.
Ordering:
Cost: approximately $600/yr. Send study protocol with request.

Iowa
Larry Coghlan
Iowa Department of Health
Lucas State Office Building
Des Moines IA 50319
(515) 281-3583

Comments:
Birth data are available between 1959-61 & since 1965.
Ordering:
Research agreement required. Fee for copy or search is $10.00.

Kansas
Dr. Lome Phillips, State Registrar
Center for Health & Environmental Statistics
Kansas Health Department
Landon State Office Building
900 SW Jackson St.
Topeka KS 66612
(913) 296-8075

Comments:
Zip code reporting for deaths is optional & was optional for births prior to 1989.
Ordering:
Fee must be paid prior to processing of request.
Kentucky
Mrs. Jo Warren
Health Data Branch
Division of Vital Records & Health Development
275 East Main Street, CHR Building
Frankfort KY 40621
(502) 564-2757

Louisiana
Mr. William Barlow, State Registrar
Office of Vital Statistics
Louisiana Department of Health
P.O. Box 60630
New Orleans LA 70160
(504) 568-8353

Maine
Ellen Naor, State Registrar
Office of Data, Research, and Vital Statistics
35 Anthony Avenue
Statehouse Station #11
Augusta ME 04333-0011
(207) 624-5445

Maryland
Ms. Julia Davidson-Randall, State Registrar
Department of Health and Mental Hygiene
General Services Administration
201 West Preston Street, Room 519
Baltimore MD 21201
(410) 225-5830
Fax: (410) 333-5958

Massachusetts
Elaine Trudeau, State Registrar
Registry of Vital Records & Statistics
150 Tremont Street, Room B-3
Boston MA 02111
(617) 727-0036
Fax: (617) 727-8108

Michigan
George Van Amburg
Office of the State Registrar
Michigan Department of Public Health
P.O. Box 30195
Lansing MI 48909
(517) 335-8675

Comments:
Ordering:

Death records are transferred to the Louisiana State Archives after 50 years. Research regulations control disclosure of birth & death data which include identifiers.

Comments:
Ordering:

Approval required for birth data & suggested for death data.

Comments:
Ordering:

Researchers must submit study protocol to receive research fee rate.
Minnesota
John Oswald
Office of Health Statistics
State Department of Health
717 Delaware Street SE
Minneapolis MN 55440
(612) 623-5187
Fax: (612) 623-5043

Mississippi
Nita Cox Gunter
Bureau of Information Resources
Mississippi State Department of Health
P.O. Box 1700
Jackson MS 39215-1700
(601) 960-7977

Missouri
Wayne Schramm, Chief
Bureau of Health Data Analysis
Missouri Department of Health
P.O. Box 570
Jefferson City MO 65102
(314) 751-6278
Fax: (314) 526-4102

Montana
Sam Sperry, Chief
Vital Statistics Bureau
Montana Department of Health
PO Box 200901
Helena MT 59620
(406) 444-4228

Nebraska
Mark Miller
Division of Health Data Systems
Nebraska State Health Department
301 Centennial Mall South
P.O. Box 95007
Lincoln NE 68509-5007
(402) 471-0355

Nevada
Mary Howard
Office of Vital Statistics
Nevada State Department of Health
505 East King Street
Carson City NV 89710
(702) 687-4480

Comments:
Ordering:
There is a charge for computerized files.

Comments:
Research & epidemiology studies require NDI approval.

Comments:

Comments:
Ordering:
Must detail the data fields requested and the purpose of acquiring data and how or in what form they will be published. If request meets proper purpose laws, a legal agreement must be signed.
New Hampshire
Mr. Frank Novak, Acting State Registrar
Bureau of Vital Records and Health Statistics
Health & Human Services Building
6 Hazen Drive
Concord NH 03301-6527
(603) 271-4651
Fax: (603) 271-3447

New Jersey
Charles Karkut, State Registrar
Bureau of Vital Statistics
C.N. 370
Trenton NJ 08625
(609) 292-8085
Fax: (609) 392-4929

New Mexico
Betty Hileman, Chief
Bureau of Vital Statistics
New Mexico Health & Environment Dept.
1190 St. Frances Drive
Santa Fe NM 87503
(505) 827-2342

New York (excl New York City)
Gene Therriault, Director
Bureau of Biometrics
New York Department of Health
Empire State Plaza Concourse
Room C-144
Albany NY 12337-0044
(518) 474-3189
Fax: (518) 486-1630

New York City
Dr. Stephen Stellman, Asst Commissioner
Biostatistics & Epidemiological Research
New York City Department of Health
125 Worth Street
New York City NY 10013
(212) 566-6371

North Carolina
Kathryn McLawhorn
Center for Health & Environmental Statistics
P.O. Box 27687
Cotton Building
Raleigh NC 27611-7687
(919) 733-4728

Comments:
Ordering:

Severe confidentiality & follow-back restrictions.
NDI required for death data. Other uses by proposal approval only.

Lengthy process.

Comments:
Ordering:

For New York city, see separate record.
Confidentiality statement is required.

For NY state outside of NY city, see separate record.

Data prior to 1968 are not readily available.

Ordering:
North Dakota
David Mayer
Division of Vital Statistics
North Dakota Dept Health & Consolidated Labs
State Capitol Building
Judicial Wing, 600 East Blvd.
Bismarck ND 58505-0200
(701) 224-2314
Fax: (701) 224-4727

Ohio
Mary F. Smith, Statistical Analysis Unit
Ohio Department of Health
Health Policy Data Center
P.O. Box 118
Columbus OH 43266-0118
(614) 644-7808

Oklahoma
Roger Pirrong, State Registrar
Bureau of Vital Statistics
Vital Records Division
Department of Health
P.O. Box 53551
Oklahoma City OK 73152
(405) 271-4040

Oregon
Edward Johnson II, State Registrar
Center for Health Statistics
P.O. Box 14050
Portland OR 97214-0050
(503) 731-4109

Pennsylvania
Patricia W. Potrzebowski, Director
Division of Health Statistics and Research
State Health Data Center
Pennsylvania Department of Health
Harrisburg PA 17108
(717) 783-2548

Rhode Island
Roberta Chevoya
Division of Vital Records
101 Cannon Building
3 Capitol Hill
Providence RI 02908
(401) 277-2812

Comments:
Ordering:
Specify request in detail to obtain cost & time estimate.

Comments:
Ordering:
Cost estimate requires detailed written request.

Comments:
Ordering:
Cost: $300 per data year.

Comments:
Ordering:
Minor civil division codes available since 1961.

Comments:
Ordering:
Cannot create public use tapes. Confidentiality agreement required. Fee for specially tailored reports.
South Carolina
Betsy Barton
Office of Vital Records & Public Health Statistics
South Carolina Dept. of Health & Env. Control
2600 Bull Street
Columbia SC 29201
(803) 734-4681
Fax: (803) 734-5131

Comments: Restricted by law/regulation.
Ordering: Send written requests with specification as to the data items needed.

South Dakota
Dorris Donner, State Registrar
Vital Records
Department of Health
445 East Capitol
Pierre SD 57501-3185
(605) 773-4961

Comments: Specify data items needed. Confidentiality required.
Ordering:

Tennessee
Jean Moss, Director
Health Statistics & Information
Division of Information Resources
Department of Health
419 Cordell Hull Building
Nashville TN 37247-0360
(615) 741-1954
Fax: (615) 532-1886

Comments: Ordering:

Texas
Mr. Tom Pollard, Director
Bureau of Vital Statistics
Texas Department of Health
1100 West 49th
Austin TX 78756
(512) 458-7362

Comments: Birth data on line 1926-28, and since 1941. Birth data confidential until age 50; death data confidential for 25 years after death.
Ordering: Send fee and request for confidential information to Committee Request for Personal Data.

Utah
John E. Brockert, State Registrar
Bureau of Vital Records
Utah Department of Health
P.O. Box 16700
Salt Lake City UT 84116-0700
(801) 538-6186

Comments: Zip code not verified.
Ordering: Send written requests with specification as to the data items needed and the years of data required.

Vermont
Charles Bennett, Ph.D.
Division of Public Health Analysis & Policy
Vermont Department of Public Health
P.O. Box 70
Burlington VT 05402
(802) 863-7300
Fax: (802) 863-7425

Comments: City and town codes are available.
Ordering:
Virginia
Ron Hyman
Center for Health Statistics
Virginia Department of Health
109 Governor Street, Room 307
Richmond VA 23219
(804) 786-6206
Fax: (804) 371-4800

Comments:
Ordering:

Washington
Craig Parker, Research Analyst
Center for Health Statistics, MS-ET-14
Department of Health
1112 Quince SE
Olympia WA 98504-7814
(206) 586-6008
Fax: (206) 753-4135

Comments:
Ordering:

West Virginia
Chuck Bailey, Jr., State Registrar
Vital Statistics Office
West Virginia Department of Health
Building 3, Capitol Complex
Charleston WV 25305
(304) 558-0155
Fax: (304) 558-1051

Comments:
Ordering:
Research agreement required. Variable costs.
Death tape $100 plus $10 for each year included.

Wisconsin
Clare Schneider
Center for Health Statistics
P.O. Box 309
Madison WI 53701
(608) 267-7808
Fax: (608) 267-0352

Comments:
Ordering:
Fee for data on tape is approximately 2.5 cents/record, plus computer costs.

Wyoming
Cindy McCaffrey
Vital Records
Wyoming Department of Health
Hathaway Building
Cheyenne WY 82002
(307) 777-7591

Comments:
Ordering:
Appendix B: Cancer Registry Data Ordering Information

Alabama
Charles H. Woernle, MD
Bureau of Disease Control
Alabama Department of Public Health
434 Monroe Street #900
Montgomery AL 31630-3017
(205) 613-5325
Fax: (205) 288-5021

Comments:
Registry data exist on microfilm only for 1960's and 1970's. There are currently 22 hospital registries in the state.

Alaska
Dr. Anne Lanier
Office of Community Health Services
Alaska Area Native Health Service
250 Gambell Street
Anchorage AK 99501
(907) 271-4011

Comments:
State does not have a registry; cancer cases collected for Native Americans (Indians, Eskimos, Aleuts) only since 1969.

Arizona
Georgia Armenta Yee, Manager
Arizona Cancer Registry
Department of Health Services
1400 W. Washington St
Phoenix AZ 85007
(602) 542-7320
Fax (602) 542-1753

Comments:
Estimated completeness for 1990 is 76%.

Arkansas
Dr. Deborah O. Erwin
Central Arkansas Radiation Therapy Institute (CARTI)
P.O. Box 5210
Little Rock AR 72215
(501) 644-8573

Comments:
Estimated 75% completeness. There are 13 hospital registries in the state.

California
John L. Young, Jr., Dr.P.H., Chief
California Cancer Surveillance System
Department of Health Services
PO Box 942732
Sacramento CA 94234-7320
(916) 327-4663:
Fax: (916) 327-4657

Comments:
San Francisco area has been part of SEER since 1973. Statewide reporting since1988. Has reciprocal reporting agreement with Nevada.

Colorado
Mrs. Robin Bott, Director
Colorado Central Cancer Registry
State Department of Health
4300 Cherry Creek Drive South
Denver CO 80222
(303) 692-2542
Fax: (303) 782-0095

Comments:
**Connecticut**
Mr. John T. Flannery, Director  
Connecticut Tumor Registry  
Dept. of Public Health & Addiction Services  
150 Washington Street  
Hartford CT 06106  
(203) 566-3975

Comments:  
Joined SEER Program in 1973. ZIP code not available on computer before 1992, but available on paper abstracts.

**Delaware**
Carol Marker, Program Administrator  
Delaware State Tumor Registry  
3000 Newport Gap Pike  
Wilmington DE 19808  
(302) 995-8606  
Fax: (302) 995-8689

Comments:  
Uses Rocky Mountain Cancer Data System.

**District of Columbia**
Director  
Cancer Control Bureau  
425 I Street, N.W., Room 2001  
Washington DC 20001  
(202) 576-8888

**Florida**
Mr. Douglas G. Palin  
Cancer Epidemiology, HSDE  
Dept. of Health & Rehabilitative Services  
State Health Office, 1317 Winewood Boulevard  
Tallahassee FL 32399-0700  
(904) 488-2907  
Fax: (904) 922-9299

**Georgia**
Dr. Jonathon M. Lift, Deputy Director  
Georgia Center for Cancer Statistics  
Dept. of Epidemiology & Biostatistics  
Emory University School of Public Health  
1462 Clifton Road, N.E.  
Atlanta GA 30329  
(404) 727-8713  
Fax: (404) 727-8737

Comments:  
Metropolitan Atlanta has been part of SEER since 1975, rural environs since 1978. Voluntary reporting since 70's is about 50% complete. Data since 1980 are on line.

**Hawaii**
Dr. Marc Goodman  
Hawaii Tumor Registry  
1236 Lauhala Street, Suite 402  
Honolulu HI 96813  
(808) 586-9750  
Fax: (808) 587-0024

Comments:  

**Idaho**
Stacey Peterson, ART, CTR, Director  
Cancer Data Registry of Idaho  
802 West Bannock, Suite 500  
Boise ID 83702-5842  
(208) 338-5100  
Fax: (208) 338-7800

Comments:  
Includes Idaho residents treated out-of-state & non-residents treated in Idaho. Uses Rocky Mountain Cancer Data System.
Illinois
Holly L. Howe, Ph.D., Chief
Division of Epidemiologic Studies
Illinois Department of Public Health
605 West Jefferson Street
Springfield IL 62761
(217) 785-1873
Fax: (217) 524-1770

Indiana
Martha Graves, RRA, CTR
State Cancer Registry
Indiana State Board of Health
P.O. Box 1964
1330 West Michigan Street
Indianapolis IN 46206-1964
(317) 633-8424
Fax: (317) 633-0847

Iowa
Mrs. Kathleen McKeen, Admin. Dir.
State Health Registry of Iowa
100 Westlawn Bldg. S.
Iowa City IA 52242
(319) 335-8609
Fax: (319) 335-8610

Kansas
Dr. Frederick F. Holmes, Director
Cancer Data Service
University of Kansas Medical Center
College of Health Science
3901 Rainbow Boulevard
Kansas City KS 66160-7312
(913) 588-4725
Fax: (913) 588-4701

Kentucky
Mr. Thomas C. Tucker
Kentucky Cancer Registry
Lucille Parker Marky Cancer Center
800 Rose St.
Lexington KY 40536-0093
(606) 257-4582
Fax: (606) 258-1902

Louisiana
Dr. Vivien W. Chen
Louisiana Tumor Registry
Louisiana Department of Health
Room 305, P.O. Box 60630
New Orleans LA 70160-0630
(504) 568-2616
Fax: (504) 568-8650

Comments:
Ordering:
requests must be submitted in writing. Confidential data requests must follow ISCR guidelines.

Comments:
Ordering:
Some data exist before 1987, but are incomplete.

Comments:
Ordering:

Comments:
Ordering:
Zip code data not reliable in rural areas because of the use of PO boxes.

Comments:
Ordering:
Maine
Ms. E. Melanie Lanctot
Maine Cancer Registry
157 Capitol St.
State House, Station #11
Augusta ME 04333
(207) 287-5187
Fax: (207) 287-4172

Maryland
Dorothy Damron
Maryland Cancer Registry
University of Maryland at Baltimore
Dept. of Epidemiology & Preventive Medicine
660 W. Redwood St., 324 Howard Hall
Baltimore MD 21201
(410) 706-6447
Fax: (410) 706-8013

Massachusetts
Susan Gershman, Director
Massachusetts Cancer Registry
Department of Public Health
150 Tremont Street, 5th Floor
Boston MA 02111-1126
(617) 727-9291

Michigan
George Van Amburg
Michigan Cancer Surveillance System
P.O. Box 30195, 3500 North Logan
Lansing MI 48909
(517) 335-8677

Minnesota
Sally Bushhouse, DVM, MPH
Minnesota Cancer Surveillance System
Minnesota Department of Health
717 Delaware SE
Minneapolis MN 55440
(612) 623-5216
Fax: (612) 623-5743

Mississippi
Cindy Widdig
Cancer Consultant
State Department of Health
PO Box 1700
2423 N. State Street
Jackson MS 39205
(601) 960-7854

Comments:
Ordering:
If identifiers are needed, contact registry for copy of protocol.

Comments:
Ordering:

Comments:
Ordering:
Dependent upon the nature of the data request, may require submission of a protocol & an application for review by an independent scientific advisory panel.

Comments:
Ordering:
Call to discuss the request prior to sending anything written.

Comments:
There are 11 hospital registries in the state.
Missouri
Dr. Jian C. Chang, PhD.
Bureau of Smoking, Tobacco, & Cancer
Missouri Department of Health
201 Business Loop 70 West
Columbia MO 65203
(314) 876-3224
Fax: (314) 443-3592

Montana
Debbi Hellhake
Montana Central Tumor Registry
Dept. of Health & Environmental Sciences
Cogswell Building C118
Helena MT 59620
(406) 444-2618
Fax: (406) 444-1803

Nebraska
Monica Seeland, RRA, Health Data Manager
Nebraska Cancer Registry
Department of Health
Omaha NE 68509-5007
(402) 390-0352

Nevada
Phyllis Wiggins, Director
Nevada Statewide Cancer Registry Program
620 Belrose St.
Las Vegas NV 89158
(702) 486-5065

New Hampshire
Dr. Marguerite Stevens
New Hampshire Cancer Registry
PO Box 186
Hanover NH 03775-3802
(603) 650-1106
Fax: (603) 650-1493

New Jersey
Debra M. Harlan, Director
Epidemiology & Research Services
Cancer Registry Program
New Jersey Department of Health
3635 Quaker Bridge Road, CN 369
Trenton NJ 08625-0369
(609) 588-3500
Fax: (609) 588-7431

Comments:
Ordering:
Send copy of the study protocol with request for data.

Comments:
Ordering:
Regulations for release of information for research purposes are in effect.

Comments:
Ordering:
Uses Rocky Mountain Cancer Data System. Has reciprocal notification agreement with California.

Comments:
Ordering:
To obtain data, call Betsy Kohler, then send request.
New Mexico
Dr. Charles R. Key, Med. Director
New Mexico Tumor Registry
900 Camino de Salud, N.E.
Albuquerque NM 87131
(505) 277-5541
Fax: (505) 277-8572

Comments: Joined SEER Program in 1973. Also collects data on Native American residents of Arizona.

Ordering: Data requests should be sent to Dr. Ben Hankey, SEER Program, NCI, 9000 Rockville Pike, Bethesda MD 20892-4200; (301) 496-8510.

New York
Mark S. Baptiste, Ph.D.
New York Cancer Registry
Department of Health, Office of Public Health
Coming Tower, Room 536, Empire State Plaza
Albany NY 12237-0683
(518) 474-2255
Fax: (518) 474-2086

Comments:

Ordering:

North Carolina
Dr. Tim Aldrich or Dale Herman
North Carolina Central Cancer Registry
Center for Health & Environmental Statistics
Dept of Environment, Health & Natural Resources
P.O. Box 29538
Raleigh NC 27626-0538
(919) 715-4555

Comments: Strong research involvement with CCR. Good capability for geographic studies.

Ordering: Submit request in writing. A review protocol is followed. Please call with questions.

North Dakota
Barbara Burgum Lee, Coordinator
Cancer Prevention & Control Program
ND State Dept. of Health & Consolidated Labs
Division of Health Promotion & Education
600 E. Boulevard Avenue
Bismarck ND 58505-0200
(701) 224-2333

Comments:

Ordering:

Ohio
Felicia Cammarata, Vice President
Cancer Data System, Inc.
1226 Huron Road
Cleveland OH 44115
(216) 696-6900
Fax: (216) 781-4905


Ordering:

Oklahoma
Dr. Fred Walker, Administrator
Oklahoma Cancer Registry - 0200
Oklahoma State Department of Health
1000 NE 10th Street
Oklahoma City OK 73117-1299
(405) 271-7353

Comments:

Ordering:
Oregon
Donald Austin, MD
Oregon Health Division
800 NE Oregon St., Suite 730
Portland OR 97232
(503) 731-4025

Comments:
No central registry yet, but plans are underway to establish one soon. Largest hospital registry is Kaiser system, covering 20% of metropolitan area.

Ordering:

Pennsylvania
Patricia W. Potrzebowski, Ph.D.
State Health Data Center
Commonwealth of Pennsylvania
Department of Health
P.O. Box 90, Room 127
Harrisburg PA 17108-9990
(717) 783-2548

Comments:
Collects minor civil division codes (borough & township).

Ordering:

Rhode Island
Dr. John P. Fulton, Administrator
Rhode Island Cancer Registry
Rhode Island Department of Health
3 Capitol Hill
Providence RI 02908-5097
(401) 277-2553
Fax: (401) 277-1272

Comments:
The Hospital Association of Rhode Island collects the cancer data & uses the Rocky Mountain Cancer Data System.

Ordering:
The name of the principal investigator is required.

South Carolina
Margaret Senn
Dept. of Chronic Diseases
South Carolina Dept. of Health
2600 Bull Street
Columbia SC 29201
(803) 734-4790

Comments:
Twelve hospital registries cover 60% of the cases. Pilot registry began in 1990 & includes Charleston, Dorchester, & Berkeley counties.

Ordering:

South Dakota
Everett Putnam, Statistician
South Dakota Department of Health
Pierre SD 57501-3182
(605) 773-3365

Comments:

Ordering:

Tennessee
Mr. George Wade
Tennessee Cancer Reporting System
Department of Health and Environment
419 Cordell Hull Building
Nashville TN 37247-0360
(615) 741-0685
Fax: (615) 532-1886

Comments:
Data requests may need to be approved by the advisory committee.

Ordering:

Texas
Barry Wilson, Public Health Technician
Cancer Registry Division
Texas Department of Health
1100 West 49th Street
Austin TX 78756
(800) 252-8059
Fax: (512)-502-0862

Comments:

Ordering:
Utah
William P. McWhorter, MD, MPH, Director
Utah Cancer Registry
Research Park
420 Chipeta Way, Suite 190
Salt Lake City UT 84108
(801) 581-8407
Fax: (801) 581-4560

Vermont
Leslie A. Weber, MS, Director
Vermont Cancer Registry
Division of Epidemiology & Disease Prevention
Department of Health
P.O. Box 70
Burlington VT 05402
(802) 865-7749
Fax: (802) 863-7425

Virginia
M. Gillian Thompson, CTR, Director
Virginia Cancer Registry
State Health Department, Room 114
PO Box 2448
Richmond VA 23218
(804) 786-1668
Fax: (804) 786-1076

Washington
Joseph Castorina, MD, MPH
Department of Health
Health Promotion and Disease Prevention
PO Box 47835
Olympia WA 98504
(206) 586-7625
Fax: (206) 586-5440

West Virginia
Loretta E. Haddy, MA, MS, State Epidemiologist
Surveillance and Disease Control
West Virginia Bureau of Public Health
1422 Washington Street, East
Charleston WV 25301
(304) 558-5358
Fax: (304) 558-6335

Wisconsin
Ms. Jerri Linn Phillips, MA, CTR
Wisconsin Cancer Reporting System
Department of Health & Social Services
1 W. Wilson Street, Room 172, P.O. Box 309
Madison WI 53701-0309
(608) 266-0633
Fax: (608) 267-0352

Comments:
Part of the SEER Program.

Ordering:

Comments:

Ordering:

Comments:
Prior to 1989, reporting was voluntary; 85% complete.

Ordering:

Comments:
Seattle area joined SEER Program in 1974; statewide reporting began in July, 1991.

Ordering:

Comments:
Statewide collection of breast and cervical cancer cases only before 1992; all sites reportable beginning in 1993.

Ordering:
Send letter of request explaining funding and purpose of the study.

Comments:
Cancer has been reportable since 1933, but registry did not begin until 1976.

Ordering:
Send letter with request, explaining who is funding the study and what is the purpose of the study. Strict confidentiality requirements.
Wyoming
Mary I. Seaver
Wyoming Central Tumor Registry
Division of Health and Medical Sciences
Hathaway Building, 4th floor
Cheyenne WY 82002
(307) 777-7958
Fax: (307) 777-5402

Comments:
Uses the Rocky Mountain Cancer Data System.

Ordering:
Send letter with request explaining purpose of study.
Appendix C: Cancer Data Services

ACTUR
Major J.A. Halvorson
Medical Policy Liaison Officer
Defense Medical Systems Support Center
5109 Leesburg Pike, Suite 917
Falls Church VA 22041-3201
(703) 756-0904
Fax: (703) 756-0971

Comments:
Registry of military cases since 1989. They are retrospectively collecting data for cases since 1979.

CansurNET
Mary Crist, CTR
CansurNET
American College of Surgeons
55 East Erie Street
Chicago IL 60611
(312) 649-3920
Fax: (310) 649-4600

Comments:
Provides cancer data management software for facilities throughout the United States. Assists in data submission to state, central, and national organizations.

C/Net
Dr. Barry Gordon, Director
C/Net Project
California Public Health Foundation
2001 Addison St, Suite 210
Berkeley CA 94704
(510) 540-0778

Comments:
Provides cancer registry software for hospital registries throughout the United States. Does not collect or store data, but assists central registry data collection.

ELM Services/PREMIER Cancer Registry System
Dr. Lee Mortenson
ELM Services/PREMIER Cancer Registry System
11600 Nebel St., Suite 201
Rockville MD 20852
(301) 984-1242
Fax: (301) 770-1949

Comments:
Provides data system services for hospitals which enter data on PC's. The data are uploaded to the ELM mainframe system. ELM's on-line, interactive aggregate National Oncology Data Base contains clinical & demographic information on over 800,000 cases & can be queried using Sybase or SPSS.

Medical Registry Services
William Weiss, President
Medical Registry Services
One University Plaza
Hackensack NJ 07601
(201) 487-2266
Fax: (201) 487-5184

Comments:
Provides cancer registry software & support for over 200 hospital registries nationwide.

PC Dash
Anna Marie Davidson
PC Dash
New Mexico Tumor Registry
900 Camino de Salud, N.E.
Albuquerque NM 87131-5306
(505) 277-5541
Fax: (505) 277-8572

Comments:
Data collection system for State of New Mexico & Arizona Native Americans. Also the system is used by the Native American Health Service registry in Alaska. Reporting package includes summary and survival reports, plus cross-tabulations.
Rocky Mountain Cancer Data System
Larry Derrick
Rocky Mountain Cancer Data System
420 Chipeta Way, Suite 120
Salt Lake City UT 84108
(801) 581-4307
Fax (801) 581-5704

TUMORS
Gail Jolitz
The Upper Midwest Oncology Reg. System (TUMORS)
6500 Excelsior Blvd, PO Box 650
Minneapolis MN 55440
(612) 932-5140
Fax (612) 932-5512

Comments:
Provides services for the Walla Walla WA, Spokane WA, Cleveland OH, DC, AZ, CO, DE, ID, MT, NV, RI, UT, & WY registries.

Comments:
Provides a support system to 23 hospital registries in MN, ND, & SD. Hospital registries collect & store the data; a copy of data is maintained in aggregate database at TUMORS.