



“A Gateway to South Carolina DHEC’s Health Statistics”

SCAN URL:

<http://scangis.dhec.sc.gov/scan/>

About SCAN:

SCAN provides interactive, real-time access to public health statistics online. Users can tailor information to their specific needs from one of the available datasets and produce tables, maps, charts, trend-lines, and bar charts accordingly. Users have flexible options in choosing the information and output, including the following:

- Users may “drill-down” into a dataset in order to get more specific with certain types of data.
- Statistics can be expressed as frequencies, crude rates, age-adjusted rates, or percents.
- Spatially, statistics can be tallied by ZIP Code, county, or health districts.

SCAN datasets are updated as new years of data become available. Also, SCAN’s online help provides examples, definitions, FAQ’s, and links to aid the user.

How to get to the SCAN homepage:

- On the DHEC homepage (<http://www.scdhec.gov>) there is a heading “Quick Links”
- Under this heading you will find a link to “South Carolina Community Assessment Network (SCAN)”. Click on this.
- This link will take you directly to the SCAN homepage.

What is GIS?

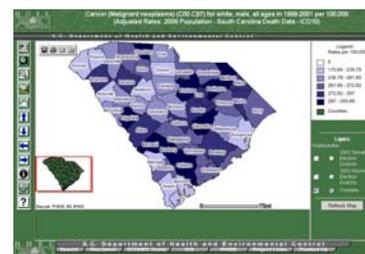
Geographic Information System (GIS) provides spatial analysis and visual presentation of information. GIS provides SCAN with an illustrative media to distribute information, interactive maps. Informative maps allow users to easily assess health statistics in an area. SCAN maps also allow the user to overlay other information, such as health facilities, onto the map for additional analysis.



Current Modules:

- Birth (1990-2005)
- Cancer Incidence (1996-2005) & Cancer Mortality (1995-2005)
- Childhood Lead Surveillance (1999-2005)
- **Community Profile Module (1999-2005)**
- Death ICD-9 (1990-1998)
- Death ICD-10 (1999-2005)
- Fetal Deaths (1989-2005)
- Infant and Child Health (1989-2004)
- Infant Mortality (1989-2005)
- Live Birth/Infant Death Cohort (1989-2004)
- Minority Health Disparity Initiatives Database
- Mother’s Health and Lifestyle (1989-2005)
- Population (1990-2006)
- Pregnancy (1990-2005)
- Pregnancy Risk Assessment Monitoring System (PRAMS) (1993-2006)

Information for these datasets originates from the following datasets: birth certificates, death certificates, fetal death reports, abortion reports, the US Census Bureau (for the population dataset), PRAMS and BRFSS surveys, and cancer registry data.

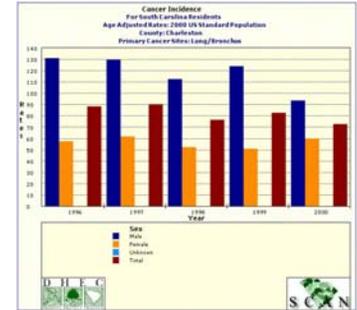
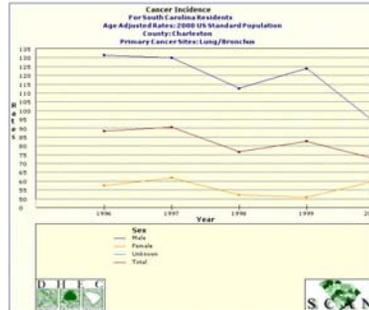




SCAN Output Formats

Scan has been designed to produce not only tables and maps, but bar charts and trend lines as well.

		1996		1997		1998		1999		2000		1996-00	
Sex	Frequency	Rate	Frequency	Rate	Rate								
Male	126	131.4	140	130	141	112.7	164	124	115	93.7	686	117.6	
Female	73	57.5	86	61.9	92	52.3	90	59.9	101	59.9	444	55.2	
Unknown	0	N/A	0	N/A									
Total	199	88.4	226	90.6	233	76.7	254	82.6	216	72.6	1130	81.8	



Additional Mapping Applications:

Interactive Map Services

Accessible from the Biostatistics webpage, online map services allow public users to review South Carolina geographic information in accordance to their information needs.

Main page lists all available map

Aerial Images

Driving Directions

Available data layers include SCAN datasets, emergency shelters, health facilities, health departments, health districts, Death/Cancer/Teen Pregnancy statistics at ZIP code level, satellite and aerial images, roads, community information/infrastructure, interstates, city boundaries, ZIP codes, and more...

SC Hurricane Shelter Application

URL: <http://scangis.dhec.sc.gov/dhecsshelters/>

This application is an online tool for managing official hurricane shelters during an evacuation. It is a collaborative effort between DHEC, DSS, and the American Red Cross. Also available is a public page that provides mapping and driving directions to nearest open shelters.

Login Page includes link for public

Shelter functionality for emergency personnel

Driving directions for public users