SC Community Assessment Network (SCAN)

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PHSIS

SCAN Website

- A website that allows generation of user specified tables and interactive maps of public health data.
  - http://scangis.dhec.sc.gov/scan/

    Search for: DHEC SCAN

- Types of data that you can get from SCAN:
  - Frequencies, percentages, rates, confidence intervals.
  - Tables, trend-lines, bar charts, maps

Some Considerations with SCAN Data

- Data are SC residence data; county, zip code of residence, not occurrence

- Rates often depend on population estimate denominators; not available at zip code level

- Zip code level data not available in all modules

SCAN

South Carolina Community Assessment Network

S.C. Department of Health and Environmental Control

Welcome! This site allows generation of user-specified tables and interactive maps of public health data.
NOTICE: Popup blockers will prevent some mapping pages and tables from appearing and need to be disabled. This site is best viewed with Internet Explorer.

Datasets Currently Available

Births (1990-2015) - All births to SC residents from birth certificate data. NEW

Cancer Incidence (1996-2012) and Cancer Mortality (1996-2013) - Cancer incidence and mortality for SC residents from South Carolina Central Cancer Registry (SCCCR) data. NEW

Community Profile (1999-2015) - Profile the indicators of the public health interests across South Carolina on counties and DHEC regions level. Healthy People 2010 objectives and Leading Health Indicators are incorporated in the module for guidelines. Vital Statistics indicators are available for all years. BRFSS indicators are only available up to 2010.

Deaths (1990-1998) - All deaths of SC residents from death certificate data.

Deaths (1999-2015) - All deaths of SC residents from death certificate data. NEW

Fetal Deaths (1989-2015) - Fetal death information for SC residents from fetal death data. NEW

Hospital Acquired Infections (HAI) (2007 - 2012) - Hospital acquired infections reported from SC hospitals

Infant Mortality (1989-2015) - Infant mortality for SC residents from birth and death certificate data. NEW

Population (1990-2015) - Demographic information for SC residents from census data.

Pregnancy (1990-2015) - Live birth, abortion, and fetal death information for SC residents from birth certificate,fetal death report, and abortion report data. NEW

Pregnancy Risk Assessment Monitoring System Data (1993-2013) - Survey results of the SC PRAMS program.

NOTICE: Popup blockers will prevent tables from appearing and need to be disabled.
Follow these steps to create a table from South Carolina Resident Birth data.

Step One
Select row variable (default: Year).

◉ Year ○ Maternal Race ○ Maternal Ethnicity ○ Maternal Age ○ Marital Status

○ Birthweight ○ Gestational Age ○ Region ○ Birth Characteristic

Step Two
Select column variable (default: Race).

○ Year ◉ Maternal Race ○ Maternal Ethnicity ○ Maternal Age ○ Marital Status

○ Birthweight ○ Gestational Age ○ Region ○ Birth Characteristic

Step Three
Select Year(s) of interest (default: 2015).

☐ 1990 ☐ 1991 ☐ 1992 ☐ 1993 ☐ 1994 ☐ 1995 ☐ 1996 ☐ 1997 ☐ 1998 ☐ 1999 ☐ 2000

☐ 2001 ☐ 2002 ☐ 2003 ☐ 2004 ☐ 2005 ☐ 2006 ☐ 2007 ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

☐ 2012 ☐ 2013 ☐ 2014 ☑ 2015

☐ All Years

Step Four
Specify Race, Ethnicity, Age and/or Marital Status below: (default: All Races, All Ethnicities, All Ages, All Marital Status, All Birthweights, All Gestational Ages)

Maternal Race
| All Races |
| White |
| Black |
| Other |

Maternal Ethnicity
| All Ethnicities |
| Hispanic |
| Not Hispanic |
| Unknown Ethnicities |

Maternal Age
| All Ages |
| 10 to 14 |
| 15 to 17 |
| 18 to 19 |

Marital Status
| All |
| Married |
| Not married without PATACK |
| Not married with PATACK |

Birth Weight
| All Birthweights |
| 0 to 1249 g |
| 1250 to 1499 g |
| 1500 to 2499 g |

Gestational Age
| All Gestational Ages |
| 1 to 31 weeks |
| 32 to 36 weeks |
| 37 to 41 weeks |

* PATACK: paternity acknowledgment

Step Five
Select Region (default: County).

○ Zipcode ◉ County ○ DHEC Region

Step Six

Select Region of interest.

To select multiple non-sequential regions hold down the Control (Ctrl) key and click on desired regions.

Sort alphabetically by region or numerically by statistic (default: Alphabetically)
Note: In order to sort, Region must be the row variable.

◉ Alphabetically ○ Numerically

```
South Carolina
Abbeville
Aiken
Allendale
Anderson
Bamberg
Barnwell
```

Step Seven

Select a Birth Characteristic (default: All Births).
To select multiple non-sequential characteristics hold down the Control (Ctrl) key and click on desired characteristics.

Sort by Group Name or Alphabetically (default: By Group Name)
◉ Group Name ○ Alphabetical

See Definitions for more details and information regarding the new 2004 birth certificate

```
All Births
Medical and Health Information
...Anemia (mother)
...Diabetes (gestational)
...Diabetes (mother)
...Diabetes (prepregnancy)
...Electronic Fetal Monitoring
```
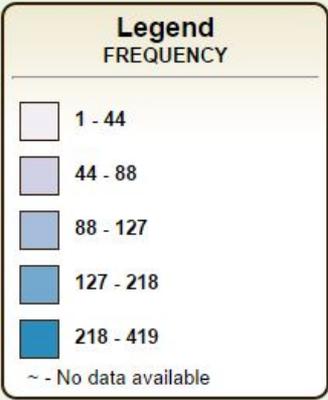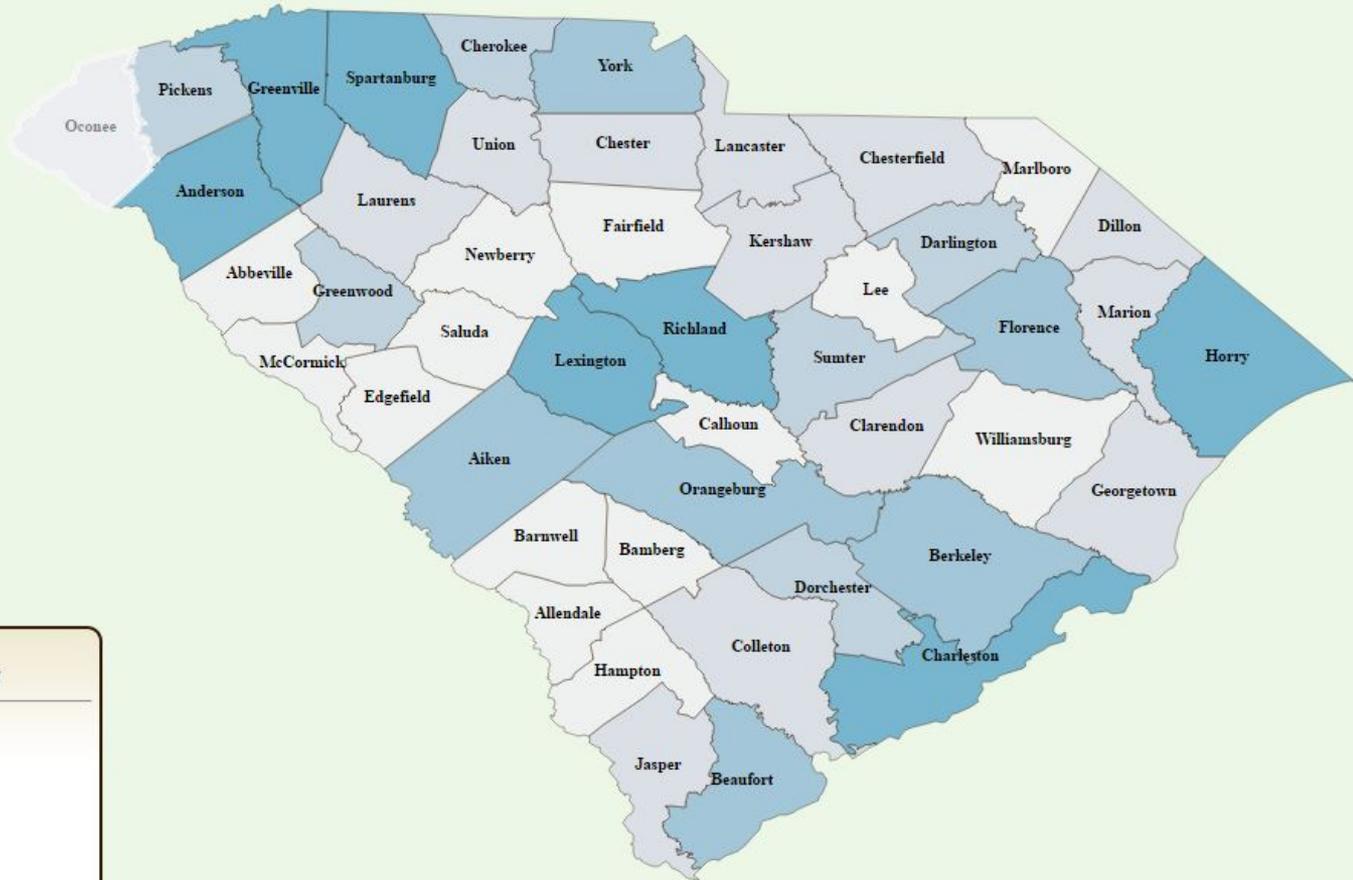
Step Eight

Choose Output Preference (default: Frequencies).

◉ Frequencies

○ Frequencies and Rates*

○ Frequencies and Percents by column

○ Frequencies and Percents by row

*In order to view rates, "Counties" or "DHEC Regions" must be specified in Step 5.

Step Nine

All Births for All Races, All Ethnicities, 10 to 14, 15 to 17, 18 to 19, All, All Birthweights, All Gestational Ages mothers in 2013(Frequencies - South Carolina Residence Data)

South Carolina Community Assessment Network

Legend
FREQUENCY

- 1 - 44
- 44 - 88
- 88 - 127
- 127 - 218
- 218 - 419
- ~ - No data available

Printer Friendly Version

DHEC PROMOTE PROTECT PROSPER	Infant Mortality									PHSIS PROMOTE PROTECT PROSPER
	For South Carolina Residents									
	County: All Counties in South Carolina									
	Infant Mortality Variables: Infant Mortality									
	Age of Child									

Year	Less Than 1 day		1-6 days		7-27 days		less than 28 days (Neonatal)		28-364 days (Postneonatal)		Total	
	Frequency	Rate	Frequency	Rate	Frequency	Rate	Frequency	Rate	Frequency	Rate	Frequency	Rate
2010	150	2.6	51	0.9	65	1.1	266	4.6	164	2.8	430	7.4
2011	164	2.9	43	0.7	47	0.8	254	4.4	169	2.9	423	7.4
2012	157	2.7	56	1	57	1	270	4.7	165	2.9	435	7.6
2013	160	2.8	42	0.7	61	1.1	263	4.6	126	2.2	389	6.9
2014	150	2.6	43	0.7	53	0.9	246	4.3	126	2.2	372	6.5
2010-14	781	2.7	235	0.8	283	1	1299	4.5	750	2.6	2049	7.1

Indicator Rate Calculated per 1000 Live Births specific to that Indicator

** ICD9 Codes

* ICD10 Codes

Small Numbers Rates calculated with small numbers are unreliable and should be used cautiously

Print Table   Download Table   Rotate Table

I. **All Causes**
  - All Causes

A. **Salmonela infections**
  - Salmonela infections (A01-A02)
B. **Shigellosis and amebiasis**
  - Shigellosis and amebiasis (A03, A06)
C. **Tuberculosis**
  - Respiratory Tuberculosis, not confirmed bact
  - Other tuberculosis (A17-A19)
D. **Whooping Cough**
  - Whooping Cough (A37)
E. **Scarlet Fever and Erysipelas**
  - Scarlet Fever and Erysipelas (A38, A46)
F. **Meningococcal Infection**
  - Meningococcal meningitis (A39.0)
  - Meningococcaemia, unspecified (A39.4)
  - Other (A39.1-A39.3), (A39.5-A39.9)
G. **Septicemia**
  - Streptococcal septicaemia (A40)
  - Other septicaemia (A41)
H. **Syphilis**
  - Syphilis (A50-A53)
I. **Acute Poliomyelitis**
  - Acute Poliomyelitis (A80)
J. **Arthropod-Borne Viral Encephalitis**
  - Arthropod-Borne Viral Encephalitis (A83-A84)
K. **Measles**
  - Measles (B05)
L. **Viral Hepatitis**
  - Acute Hepatitis C (B17.1)
  - All others (B15.0-B17.0), (B17.2-B19.9)
M. **AIDS (HIV Disease)**
  - AIDS (HIV Disease) (B20-B24)
N. **Malaria**
  - Malaria (B50-B54)
O. **Malignant Neoplasms**
  - of lip, oral cavity and pharynx (C00-C14)
  - of esophagus (C15)

V. **Alzheimer's Disease**
  - Alzheimer's Disease (G30)
W. **Diseases of Heart**
  - Acute rheumatic fever and chronic rheumatic hea
  - Hypertensive heart disease (I11)
  - Hypertensive heart and renal disease (I13)
  - Acute myocardial infarction (I21-I22)
  - Other acute ischenic heart diseases (I24)
  - Atherosclerotic cardiovascular disease, so descr
  - All other forms of chronic ischenic heart disease
  - Acute and subacute endocarditis (I33)
  - Diseases of pericardum and acute myocarditis (I
  - Congestive heart failure (I50.0)
  - Other and unspecified heart failure (I50.1-I50.9)
  - All other forms of heart disease (I23, I26-I28, I32,
X. **Essential (Primary) hypertension and hypertensive**
  - Essential (Primary) hypertension and hypertensi
Y. **Cerebrovascular diseases**
  - Subarochnoid haemorrhage (I60)
  - Intracerebral haemorrhage (I61)
  - Other nontraumatic intracranial haemorrhage (I62
  - Cerebral infarction (I63)
  - Stroke, not specified as haemorrhage or infarctio
  - Other cerebrovascular diseases and their sequel
Z. **Atherosclerosis**
  - Atherosclerosis (I70)
AA. **Aortic Aneurysm and Dissection**
  - Aortic Aneurysm and Dissection (I71)
AB. **Influenza and Pneumonia**
  - Influenza (J10-J11)
  - Pneumonia (J12-J18)
AC. **Acute Bronchitis and Bronchiolitis**
  - Acute Bronchitis (J20)
  - Acute Bronchiolitis (J21)
AD. **Chronic lower respiratory disease**
  - Bronchitis, chronic and unspecified (J40-J42)
  - Emphysema (J43)
  - Asthma (J45-J46)
  - Other chronic lower respiratory diseases (J44, J4
AE. **Pneumoconioses and chemical effects**
  - Pneumoconioses and chemical effects (J60-J66,
AF. **Pneumonitis due to solids and liquids**
  - Pneumonitis due to solids and liquids (J69)

Step Seven

Select General Category for Cause of Death (default: All Causes)

To select multiple non-sequential causes of death, hold down the Control (Ctrl) key and click on desired causes.

Sort alphabetically by cause of death or numerically by statistic (default: Cause of Death)

Note: In order to sort, Cause of Death must be the row variable. If every cause of death is selected, confidentiality rules will be invoked. Please deselect Residual Causes of Death to prevent this from happening.

◉ Cause of Death ◯ Statistic

```
All Causes
Accidents
Acute bronchitis and bronchiolitis
Acute poliomyelitis
AIDS (HIV disease)
Alzheimer's disease
Anemias
```

▼ ☒ Click here to generalize causes of death

```
Motor vehicle accidents
Other land transport accidents
Water, air and space and other and unspecified transport accidents
Falls
Accidental discharge of firearms
Accidental drowning and submersion
Accidental exposure to smoke, fire and flames
```

Note: Cause of Death Categories are determined by various methods.
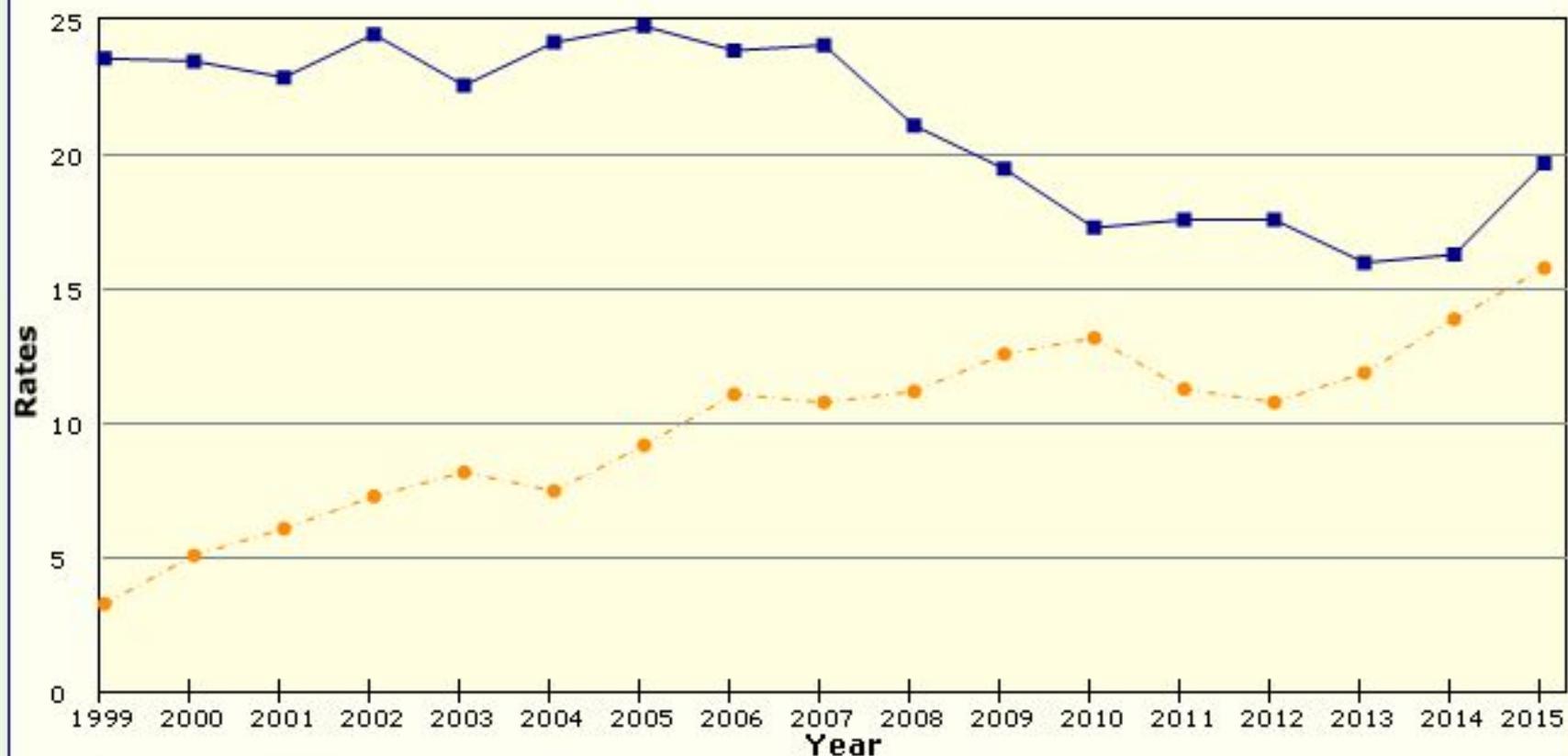Some of the categories shown here differ from those published in the annual VMS Book.

View Breakdown of ICD 10 Codes for Death Categories, Subcategories, and Specific Categories

Step Eight

Choose output preference (default: Frequencies).

◯ Frequencies

◯ Frequencies and Crude Rates

◯ Frequencies and Age Adjusted Rates: 1940 Population

◯ Frequencies and Age Adjusted Rates: 1970 Population

◉ Frequencies and Age Adjusted Rates: 2000 Population

◯ Frequencies and Percents by column

◯ Frequencies and Percents by row

Death Statistics for Residents of South Carolina

Contact information and links:

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- SCAN:

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

- Publications:

http://www.scdhec.gov/Health/SCPublicHealthStatisicsMaps/BiostatisticsPublications/

DHEC IRB

- Research projects involving human subjects must be approved by DHEC IRB.

- Human subject: A living individual about whom an investigator (whether professional or student) conducting research obtains:

    (1) data through intervention or interaction

        with the individual, or

    (2) identifiable private information

- To obtain application form and for more information email

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