



Data Mining To Help Focus your Community Health Efforts

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Arkansas Department of Health**

Rates

- ⊙ A rate is the frequency of *defined events* for a given *time period* in a *specified population*
- ⊙ A rate consists of a numerator and a denominator multiplied by a constant.

$$\text{Rate} = \frac{\text{Event}}{\text{Population at Risk}} \times 100,000$$

Comparing Rates

- ◎ Only compare rates when the numerator and denominator (i.e., events and population) are defined consistently over time and place.

Look for :

- Consistency in definition of event
 - Consistency in coding scheme
 - Consistency among populations defined by geography
 - The same multiplier
-
- ◎ If comparing age-adjusted rates, be sure the rates you are comparing have been adjusted to the same standard population.

Crude Mortality Rate vs. Adjusted Mortality Rates

- ◎ Crude rates are recommended when a summary measure is needed and it is not necessary or desirable to adjust for other factors. It is an overall measure.
- ◎ Age-adjustment is a statistical process applied to rates of disease, death, injuries or other health outcomes that allows communities with different age structures to be compared.

For example:

Youngtown vs. Oldtown:

- ◎ The crude rate (not age adjusted) for Youngtown is 701.2 per 100,000. The crude rate (not age adjusted) for Oldtown is 1220.7 per 100,000.
- ◎ It appears the rate is a lot higher in Oldtown than in Youngtown.
- ◎ Both populations have 100,000 people but the age distribution is different.
- ◎ The population in Youngtown is more evenly distributed among the age groups and Oldtown has a greater number of people in the older age group.

Youngtown

Age Group	Population Distribution by Age	Age Specific Cardiovascular Disease Mortality Rate	Overall Cardiovascular Mortality Rates
Under 25	33,333	3.5/100,000	Crude rate 701.2/ 100,000
25 to 49	33,333	100/100,000	
Over 49	33,334	2,000/100,000	
	100,000		Age –Adjusted Rate 452.9 /100,000

Oldtown

Age Group	Population Distribution by Age	Age Specific Cardiovascular Disease Mortality Rate	Overall Cardiovascular Mortality Rates
Under 25	20,000	3.5/100,000	Crude rate 1,220.7/ 100,000
25 to 49	20,000	100/100,000	
Over 49	60,000	2,000/100,000	
	100,000		Age –Adjusted Rate 452.9 /100,000

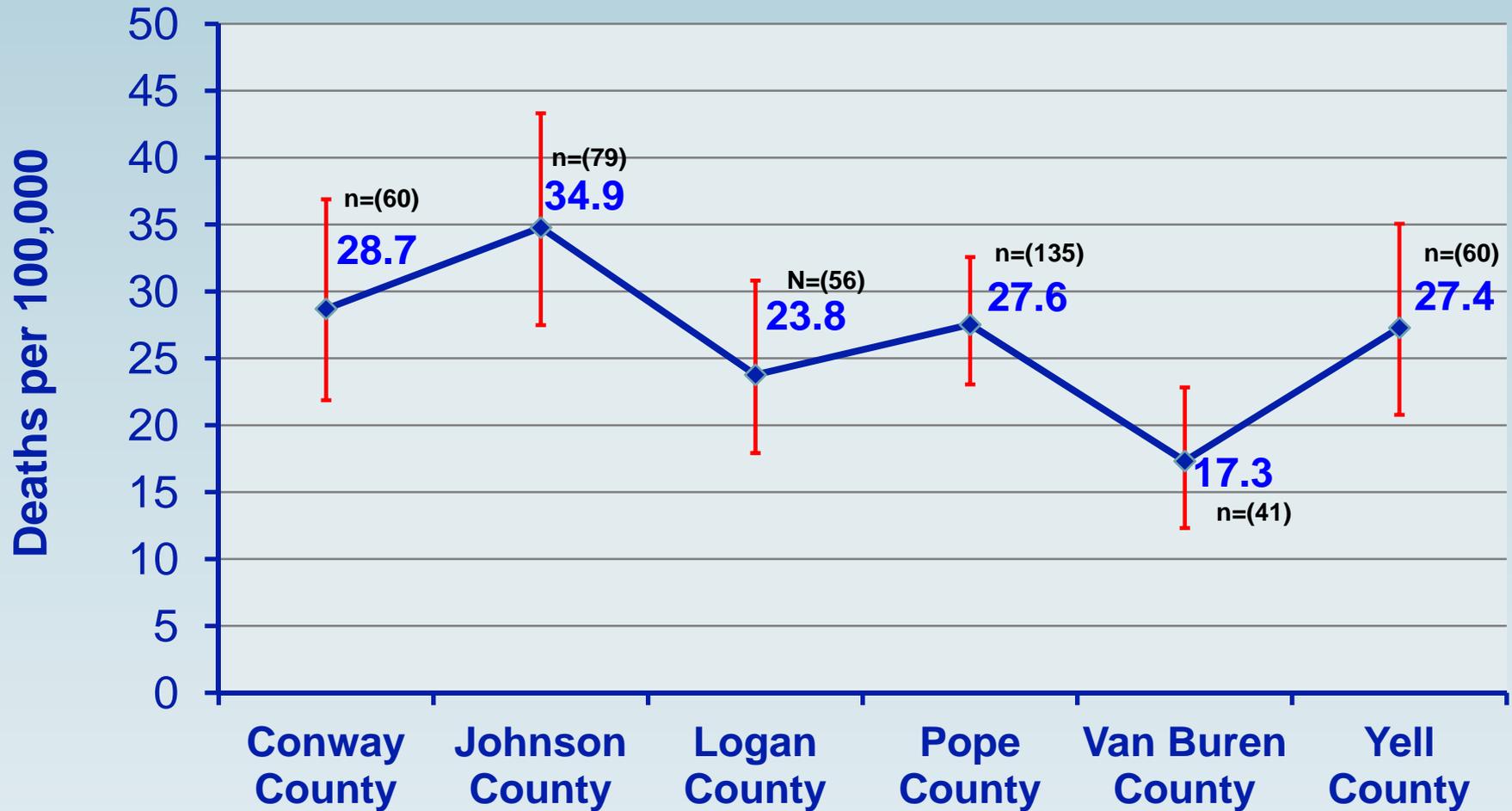
For example:

- ⊙ Would it be fair to compare the rate of heart attacks between these two populations without taking into account age differences?
- ⊙ NO! A heart attack, an illness that generally affects older people, would be more prevalent in the population with the older people.
- ⊙ Age adjusting is a mathematical formula that takes into account the age differences in each population so they can be compared to one another.

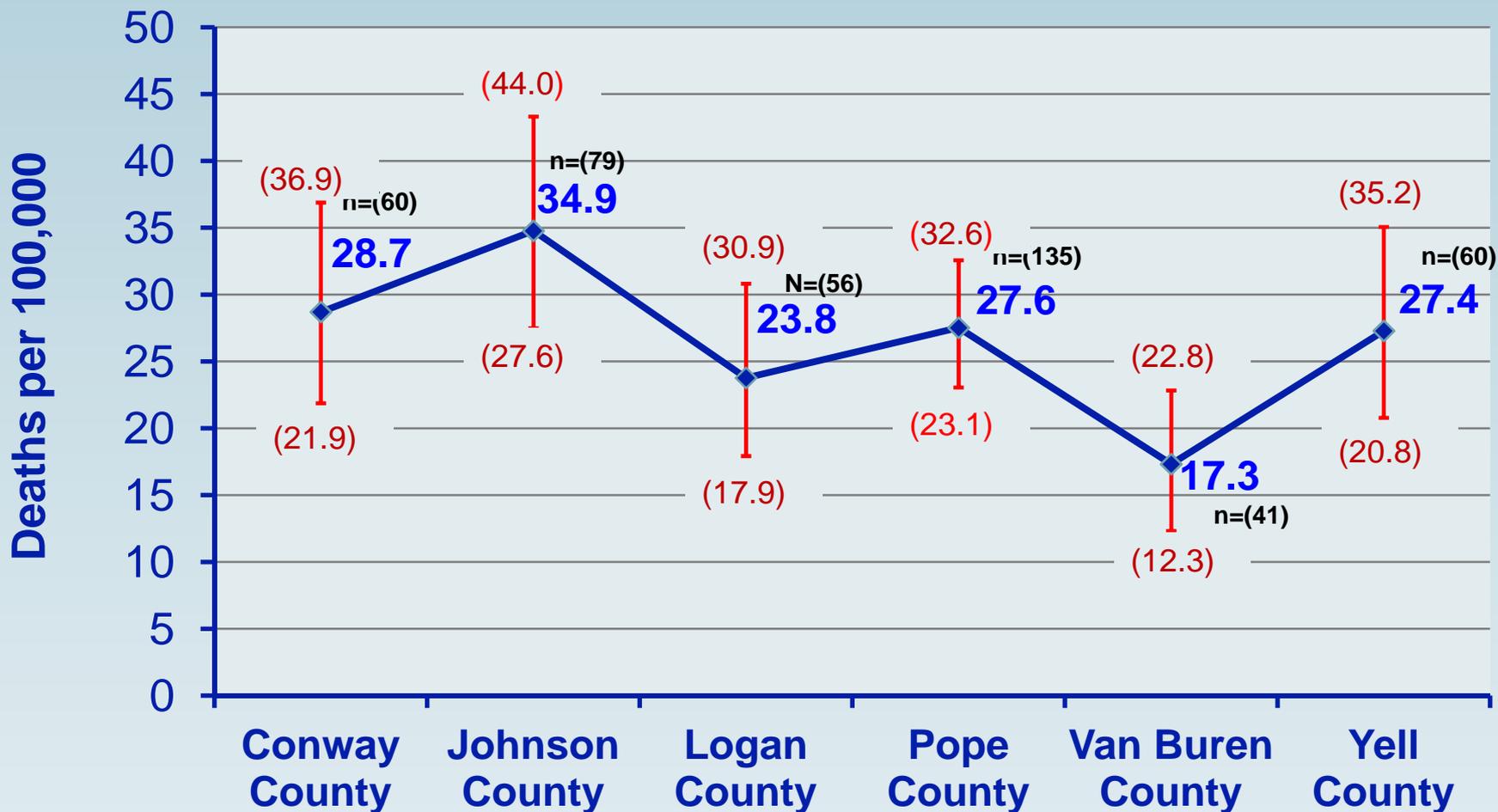
Confidence Interval

- ◎ Confidence intervals are a measure of the variability in the data.
- ◎ Narrow confidence intervals in relation to the rate tell you that the rate is relatively stable (closer to the true value)
- ◎ Wide confidence intervals tell you that the rate may have a certain amount of instability (further from the true value)

Age-Adjusted Death Rate for Influenza and Pneumonia in Conway, Johnson, Logan, Pope, Van Buren, and Yell Counties, 2000-2007



Age-Adjusted Death Rate for Influenza and Pneumonia in Conway, Johnson, Logan, Pope, Van Buren, and Yell Counties, 2000-2007



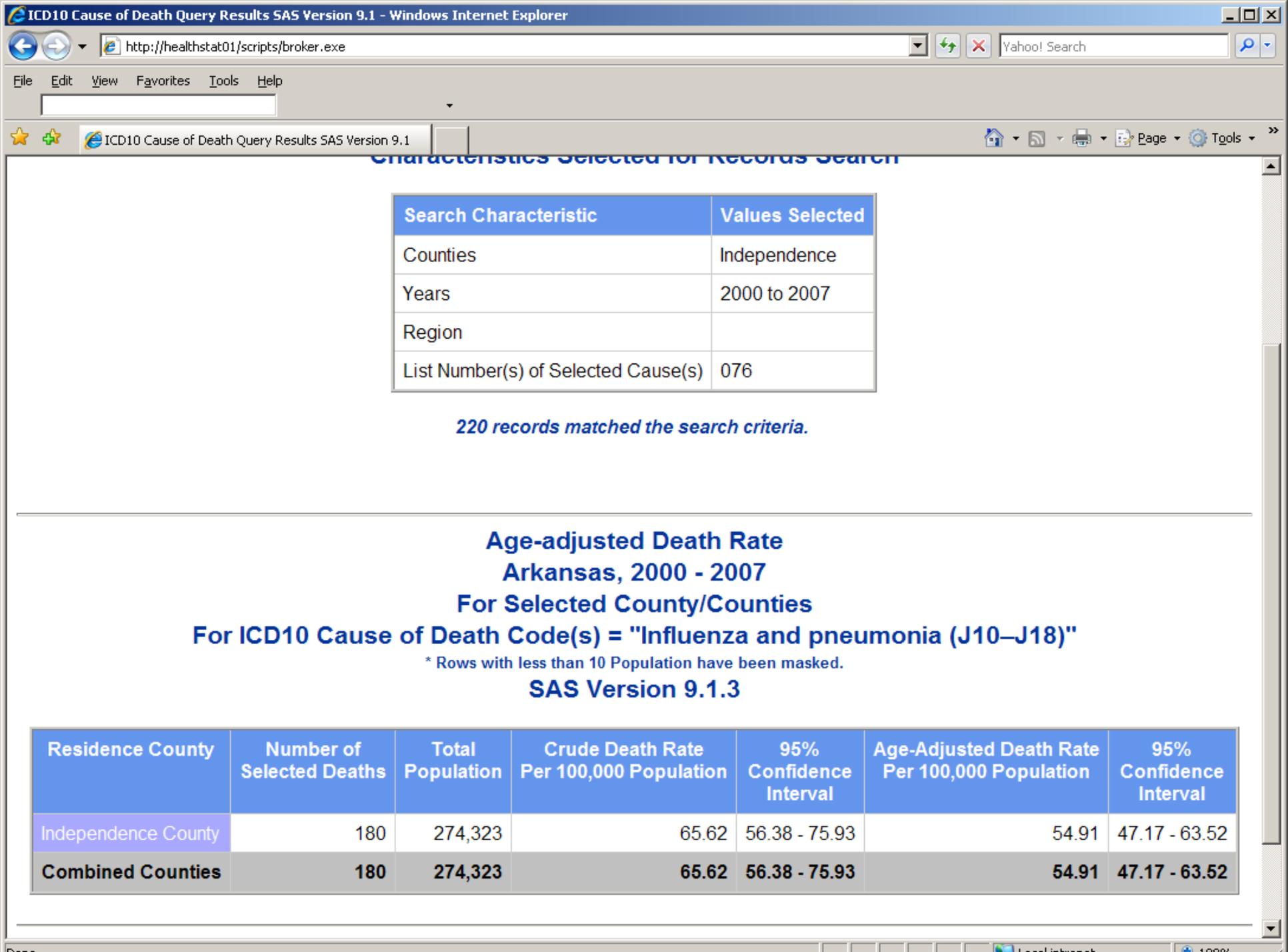
Numbers in red parentheses represent upper and lower confidence limits

Statistical Significance

- ⦿ Confidence Intervals are used to determine if there is a statistically significant difference between values.
- ⦿ If confidence Intervals overlap each other it is said that there is no statistically significant difference. You can see in slide 10 each of the confidence intervals overlap the ones next to them.
- ⦿ Can you find any that might show a value that might be considered statistically significant?

Statistical Significance

- ⦿ The confidence interval between Johnson County and Van Buren County do not overlap each other. Also the confidence interval between Pope County and Van Buren County do not overlap each other.
- ⦿ This indicates that the difference between these counties could be statistically significant.



Where Does this Data Come From?

- ◎ Arkansas Vital Records Birth and Death Certificates
- ◎ Derived from Arkansas birth certificate data for **1990-2007**
- ◎ And death certificate data for **1990-2007**.
- ◎ US Census bureau

Notes About Using Small Numbers:

- ◎ Most programs in the Division of Chronic Disease Prevention and Adult Health do not calculate incidence or mortality rates for geographic areas smaller than counties because for many areas, the rates for even the most common diseases are not stable enough to be meaningful.
- ◎ One way is to combine the number of cases or deaths over several years
- ◎ Using five-year average annual rates instead of single year rates.
- ◎ Number of cases or deaths can be combined across geographic areas

International Classification of Diseases (ICD) Codes

- ◎ It is used to classify diseases and other health problems recorded on many types of health and vital records including death certificates and health records.

The following website will help you if you have questions about exactly what is included in each coding area.

<http://www.who.int/classifications/apps/icd/icd10online>



- List of Chapters
- ICD-10 Homepage

Chapter	Blocks	Title
I	A00-B99	Certain infectious and parasitic diseases
II	C00-D48	Neoplasms
III	D50-D89	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
IV	E00-E90	Endocrine, nutritional and metabolic diseases
V	F00-F99	Mental and behavioural disorders
VI	G00-G99	Diseases of the nervous system
VII	H00-H59	Diseases of the eye and adnexa
VIII	H60-H95	Diseases of the ear and mastoid process
IX	I00-I99	Diseases of the circulatory system
X	J00-J99	Diseases of the respiratory system
XI	K00-K93	Diseases of the digestive system
XII	L00-L99	Diseases of the skin and subcutaneous tissue
XIII	M00-M99	Diseases of the musculoskeletal system and connective tissue
XIV	N00-N99	Diseases of the genitourinary system
XV	O00-O99	Pregnancy, childbirth and the puerperium
XVI	P00-P96	Certain conditions originating in the perinatal period
XVII	Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities
XVIII	R00-R99	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
XIX	S00-T98	Injury, poisoning and certain other consequences of external causes
XX	V01-Y98	External causes of morbidity and mortality
XXI	Z00-Z99	Factors influencing health status and contact with health services
XXII	U00-U99	Codes for special purposes

Search ICD-10

Full search [Help](#)

Move to ICD code:

Chapter I:

Certain infectious and parasitic diseases
[\(A00-B99\)](#)

Available Data on the ADH Statistical Query System Website

- ⦿ Low birth weight data
- ⦿ Fertility data
- ⦿ Mortality data
- ⦿ Infant Mortality data
- ⦿ Hospital Discharge Data

Access To the Website

- ◎ From inside the Health Department
Begin at the ADH Webpage
<http://healthycolleagu/>
- ◎ From outside the Health Department
Begin at
www.healthy.arkansas.com

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Director's Message



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- [Registration Deadline Approaching Tobacco Education and Prevention Conference](#) (posted 8.28.09)
- [Learn, Share, Plan, Prepare - For Arkansas](#) (posted 8.28.09)
- [Show Us Your Blues](#) (posted 8.26.09)
- [Annual HHI Conference September 25](#) (posted 7.24.09)

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	Lath , Deputy Director	501-280-4545
	Dillaha , Director	501-661-2199
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Public Health Lab	Glen Baker , MD, Director	501-661-2255
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Center for Public Health Practice

The Center for Public Health Practice focuses on elements essential to an effective, strong community health presence, which include the compilation, publication and analysis of reports on health statistics and the study of the distribution of diseases and impairments and injuries.

Director	Glen Baker, MD	501-661-2255
Associate Director for Management & Operations	Ed Just	501-661-2217
Financial Liaison	Marilyn Page	501-661-2639
Personnel Coordinator	Carol Smith	501-661-2030
Administrative Assistant	Latricia Harris	501-661-2224

Epidemiology

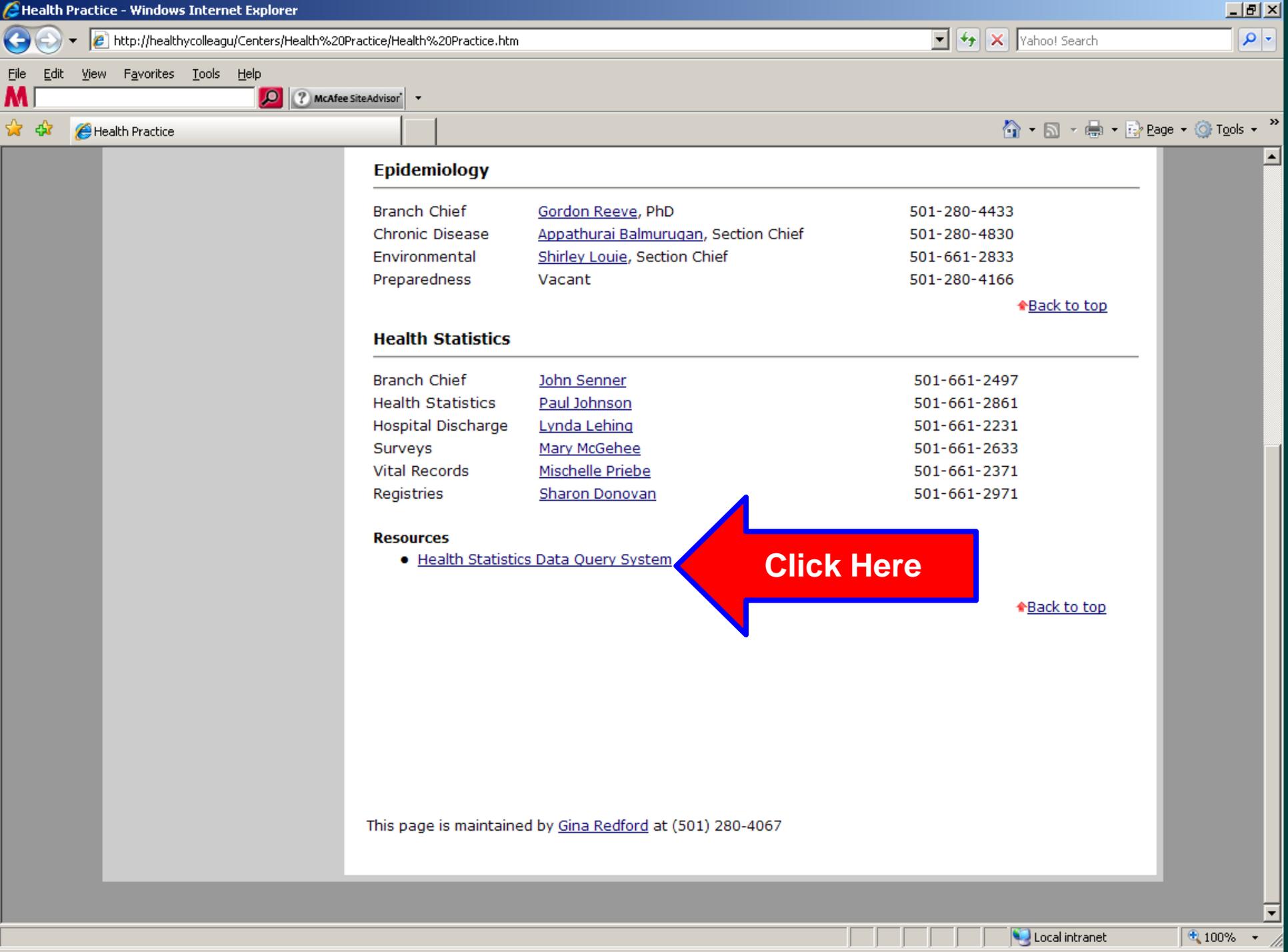
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Chronic Disease	Appathurai Balmurugan , Section Chief	501-280-4830
Environmental	Shirley Louie , Section Chief	501-661-2833
Preparedness	Vacant	501-280-4166

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Health Statistics	Paul Johnson	501-661-2861
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Surveys	Mary McGehee	501-661-2633





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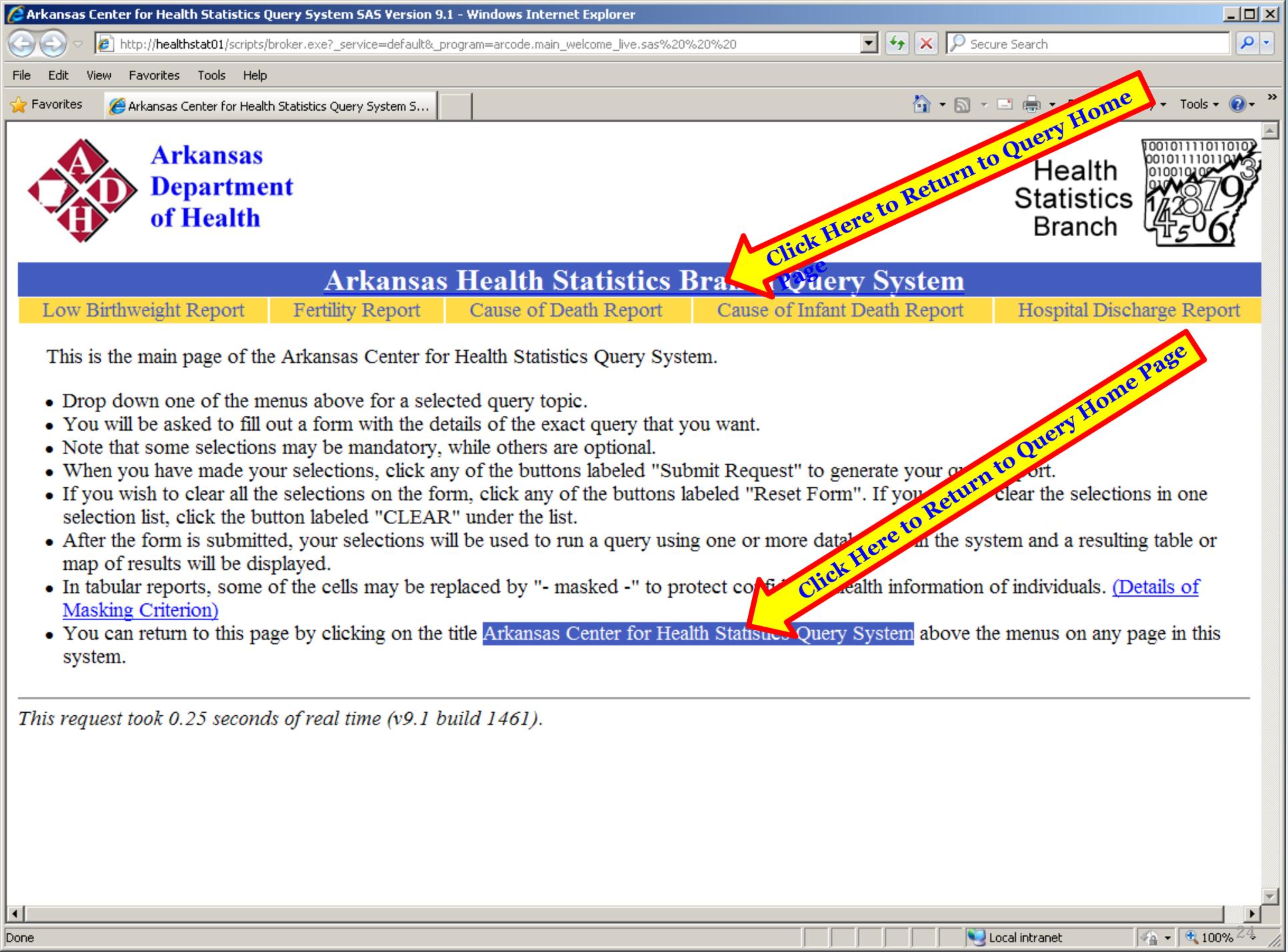
Resources

- [Health Statistics Data Query System](#)

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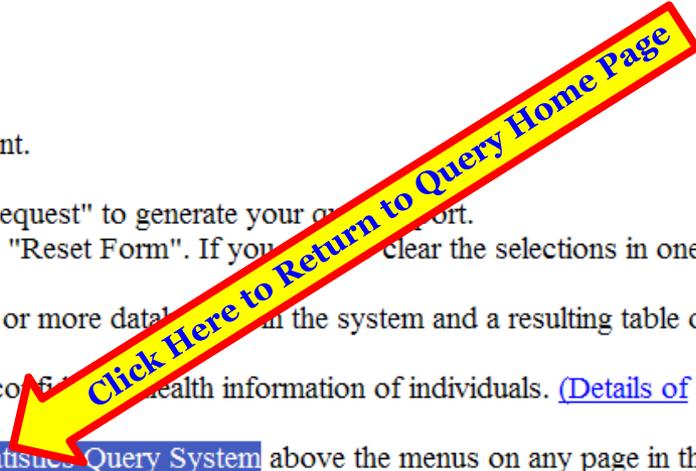
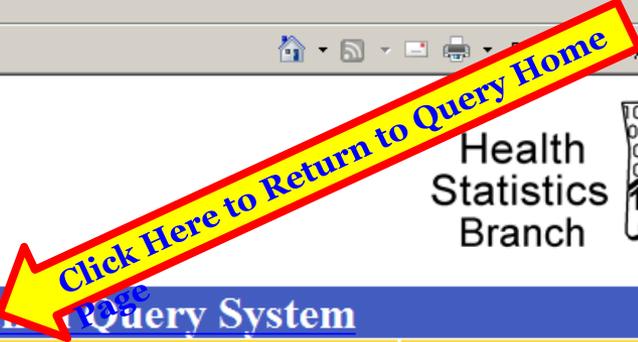
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your own report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more data tables in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
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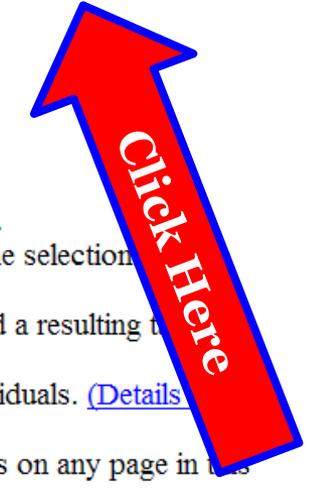
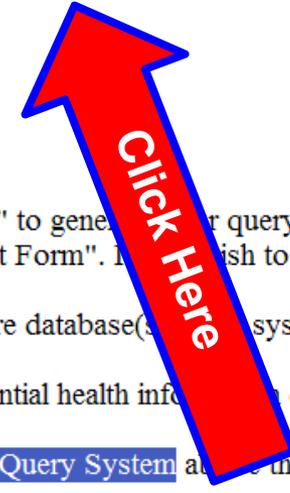
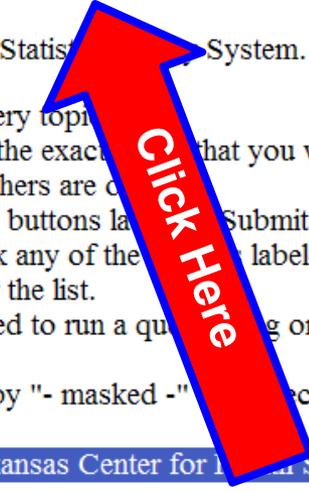
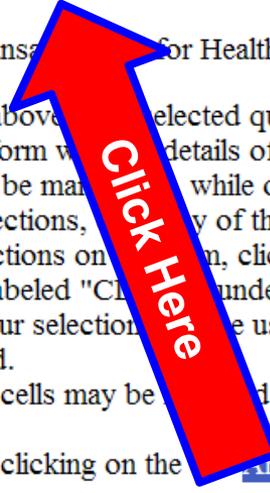
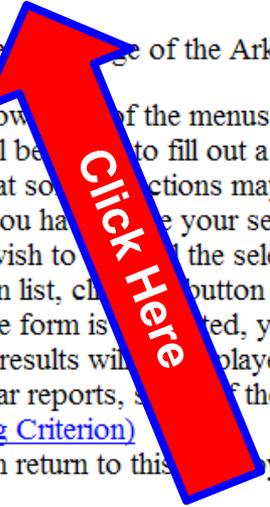


Arkansas Health Statistics Branch Query System

Low Birthweight Report Fertility Report Cause of Death Report Cause of Infant Death Report Hospital Discharge Report

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Paul K. Halverson
DrPH, FACHE

Director, State Health Officer



Burn Awareness

The most common places children experience scalds are in the kitchen or dining rooms and in the bathroom.

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Engineering

Grants

Grant and Bid Opportunities

Jobs

Job Opportunities

I Want To...

Order Birth & Death Certificates
Quit Tobacco Now

Top Stories

February 1 Folic Acid - Miracle Vitamin That Prevents Birth Defects

January 31 February is American Heart Awareness Month

January 6 Rabid Skunks Found in Briggsville

December 13 How Safe is Your Family Feast? Tips for Serving Buffet-style

Health & Safety Topics

Most Requested

Immunizations

BreastCare Program

Cosmetology

Emergency Medical Services



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 **Diseases & Conditions**
 Cancer, Diabetes, Flu, Heart Disease, HIV/AIDS/HEPC, Obesity, Rabies, Stroke

 **Emergency Preparedness & Response**
 Community Preparedness, Radiologic Emergency, Nuclear Planning, Strategic National Incident Management System (SNS)

 **Environmental Health**
 Clean Indoor Air, Food, HVAC/R, Plumbing, Onsite Wastewater, Swimming Pools, Tattoos

 **Healthy Living**
 Hometown Health, Immunizations, Physical Activity, Oral Health, Tobacco Prevention & Cessation

 **Injury, Violence & Safety**
 Emergency Medical Services, Oral Health, Trauma Systems, Traumatic Brain Injury

 **Life Stages & Populations**
 Adults in Worksites, Children in Schools, Minority Health, Pregnant women, Rural Health



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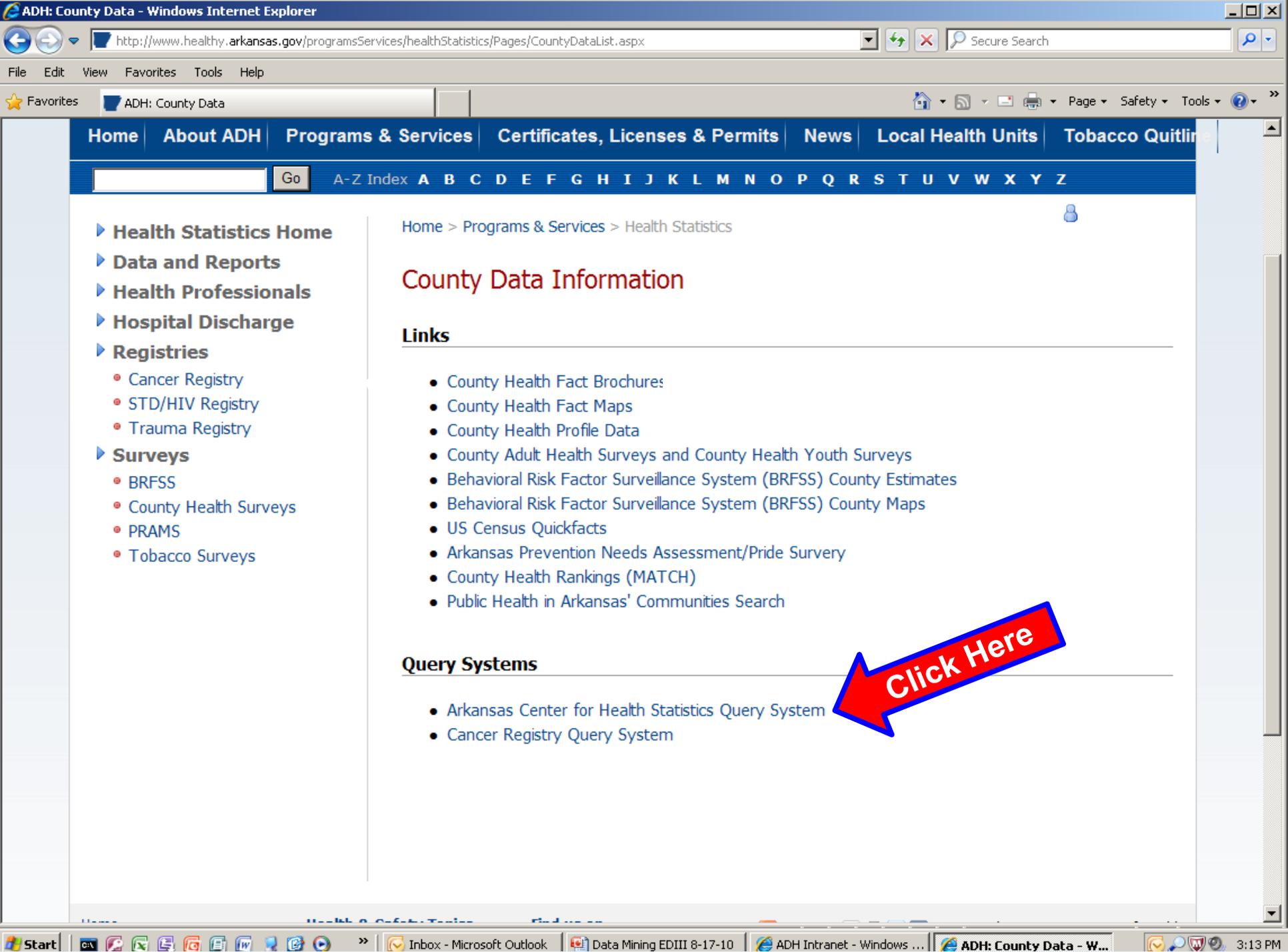
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 American Recovery and Reinvestment Act of 2009

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 Little Rock, Arkansas 72205
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- ▶ Registries
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 - STD/HIV Registry
 - Trauma Registry
- ▶ Surveys
 - BRFSS
 - County Health Surveys
 - PRAMS
 - Tobacco Surveys

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County Data Information

Links

- County Health Fact Brochures
- County Health Fact Maps
- County Health Profile Data
- County Adult Health Surveys and County Health Youth Surveys
- Behavioral Risk Factor Surveillance System (BRFSS) County Estimates
- Behavioral Risk Factor Surveillance System (BRFSS) County Maps
- US Census Quickfacts
- Arkansas Prevention Needs Assessment/Pride Survey
- County Health Rankings (MATCH)
- Public Health in Arkansas' Communities Search

Query Systems

- Arkansas Center for Health Statistics Query System
- Cancer Registry Query System



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Arkansas Department of Health

Health Statistics Branch



Arkansas Health Statistics Branch Query System

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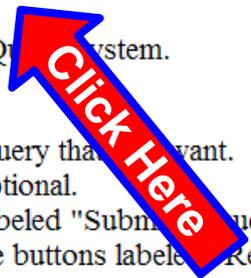


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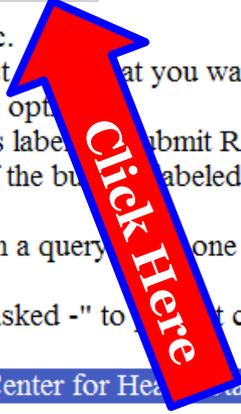
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
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- ICD9 COD Report
- ICD10 COD Report

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ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Arkansas
Ashley
Baxter
Benton
Boone

(Multiple)

CLEAR

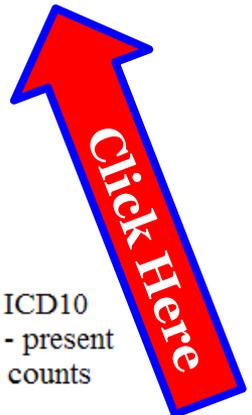
Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:



Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

2005 to 2007



Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)



Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

000	All Causes
001	Salmonella infections. ICD10 Codes A01-A02
002	Shigellosis and amebiasis. ICD10 Codes A03,A06
003	Certain other intestinal infections. ICD10 Codes A04,A07-A09
004*	Tuberculosis. ICD10 Codes A16-A19
007	Whooping cough. ICD10 Code A37
008	Scarlet fever and erysipelas. ICD10 Codes A38,A46
009	Meningococcal infection. ICD10 Code A39



(Multiple)

CLEAR

List
Num Description

(Multiple)

CLEAR

List

Num Description

Num	Description
-----	-------------

(Multiple)

CLEAR

List

Num Description

Num	Description
-----	-------------

(Multiple)

CLEAR

List

Num Description

Num	Description
-----	-------------

(Multiple)



3.2

Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)



3.3

Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)



3.4

Level 4 Diagnosis:

(Multiple)

CLEAR

List

Num Description

Empty list box for Level 3 diagnosis

(Multiple)

CLEAR

List

Num Description

Empty list box for Level 4 diagnosis

(Multiple)

CLEAR

Bar Chart Graphics:

None

Please select how you would like to view

Browser PDF Excel

Submit Request

Reset Form



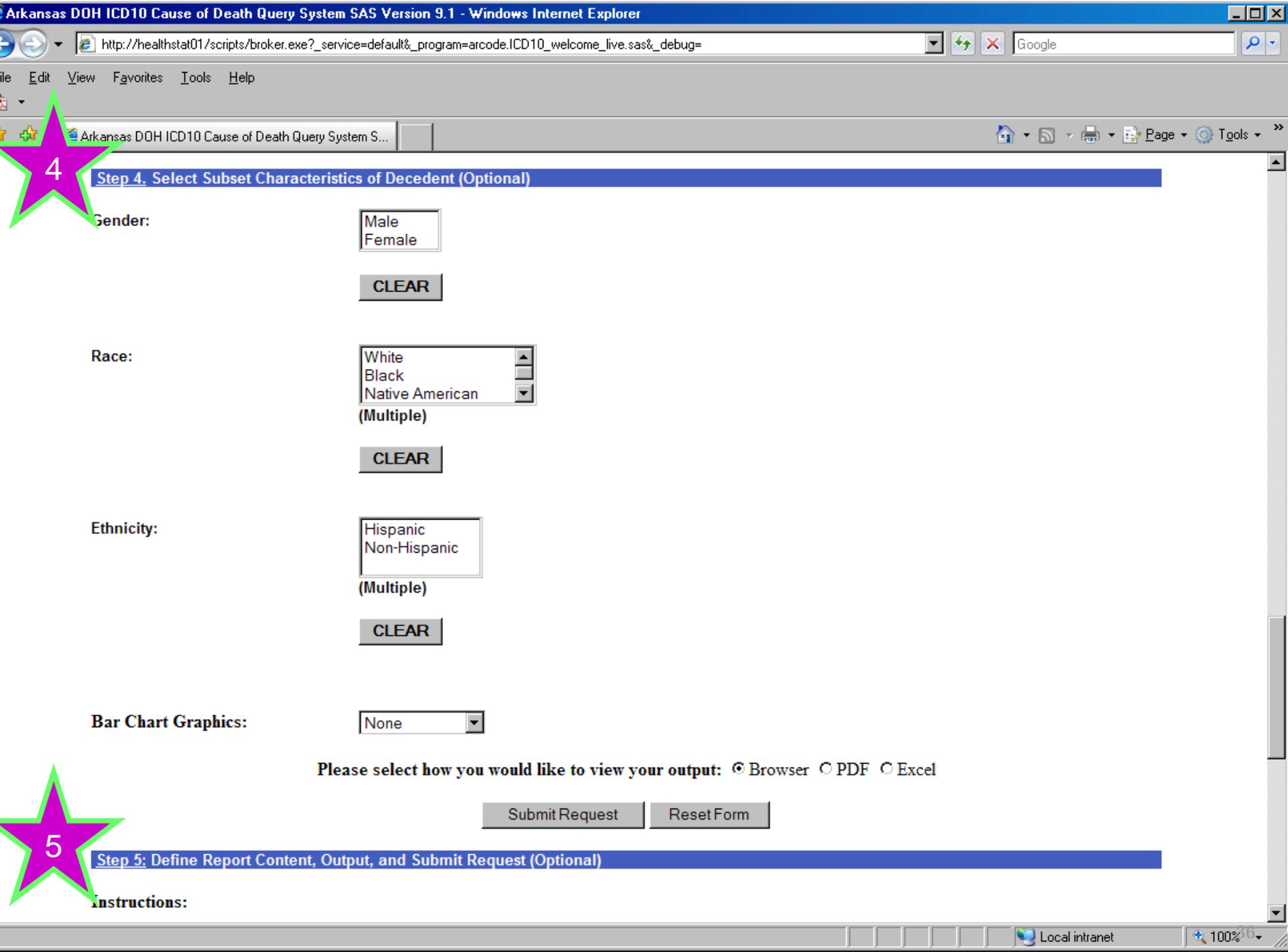
Level 3 Diagnosis: (* indicates diagnosis category contains subcategories in Level 4.)



Level 4 Diagnosis:



Step 4. Select Subset Characteristics of Decedent (Optional)



4

Step 4. Select Subset Characteristics of Decedent (Optional)

Gender:

Race:

(Multiple)

Ethnicity:

(Multiple)

Bar Chart Graphics:

Please select how you would like to view your output: Browser PDF Excel

5

Step 5: Define Report Content, Output, and Submit Request (Optional)

Instructions:

Step 5: Define Report Content, Output, and Submit Request (Optional)

Instructions:

This section allows you to define the structure of the resultant table. If counties or regions are selected, the initial sort column must be the county. If the entire state is chosen, the first sort column is either county (default), or death year, or neither (i.e. NO primary sort column). You can then select up to two additional drilldown levels from the dropdown menus, whether there is a primary sort column or not. However, duplicate sort columns are not permitted.

Note that cause of death may be chosen as a drilldown. In this case, the cause of death will be listed in one column, and the number of deaths and death rates for each cause of death will be in a separate row. If the cause of death is NOT chosen as a drilldown, then the number of deaths and death rates in a row are the sum of those for the selected causes. If a cause of death is selected which is a subcategory of another selected cause, (e.g. heart disease and major cardiovascular disease), then the cause of death code or description MUST be chosen as a drilldown. Otherwise, the numbers you get would double count the deaths in the subcategory.

Bar chart graphics are allowed for any table that has at least one drilldown level, either from the radio buttons, the dropdown lists, or both. Bar charts may plot either the number of selected deaths or the age-adjusted death rate for each row of the table.

<input checked="" type="radio"/> County or <input type="radio"/> Year or <input type="radio"/> Neither	Drill Level 2:	Drill Level 3:	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval
	None	None						
<input type="radio"/> County or <input type="radio"/> Year or <input type="radio"/> Neither	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data
	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data

Bar Chart Graphics:

Please select how you would like to view your output: Browser PDF Excel

**Suppose You are Wondering
About Deaths From Diabetes in
Your County from 2003-2007**

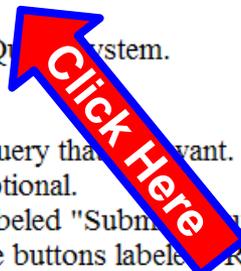


Arkansas Health Statistics Branch Query System

Low Birthweight Report Fertility Report Cause of Death Report Cause of Infant Death Report Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.





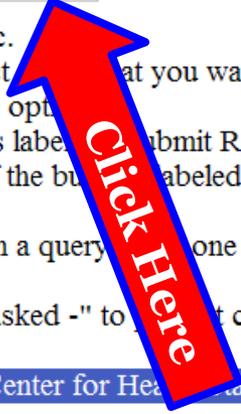
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
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- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query against one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.



This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Cross
Dallas
Desha
Drew
Faulkner

(Multiple)

CLEAR

Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:



Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

2003 to 2007





Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)



Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20-A30
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64
050	Meningitis. ICD10 Codes G00,G03
051	Parkinson's disease. ICD10 Codes G20-G21



(Multiple)

CLEAR



Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)

List
Num Description

--	--



3.3

Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)

Level 3.)
(Multiple)

CLEAR

List

Num Description

[Empty list box for Level 3]

(Multiple)

CLEAR



3.4

Level 4 Diagnosis:

List

Num Description

[Empty list box for Level 4]

(Multiple)

CLEAR

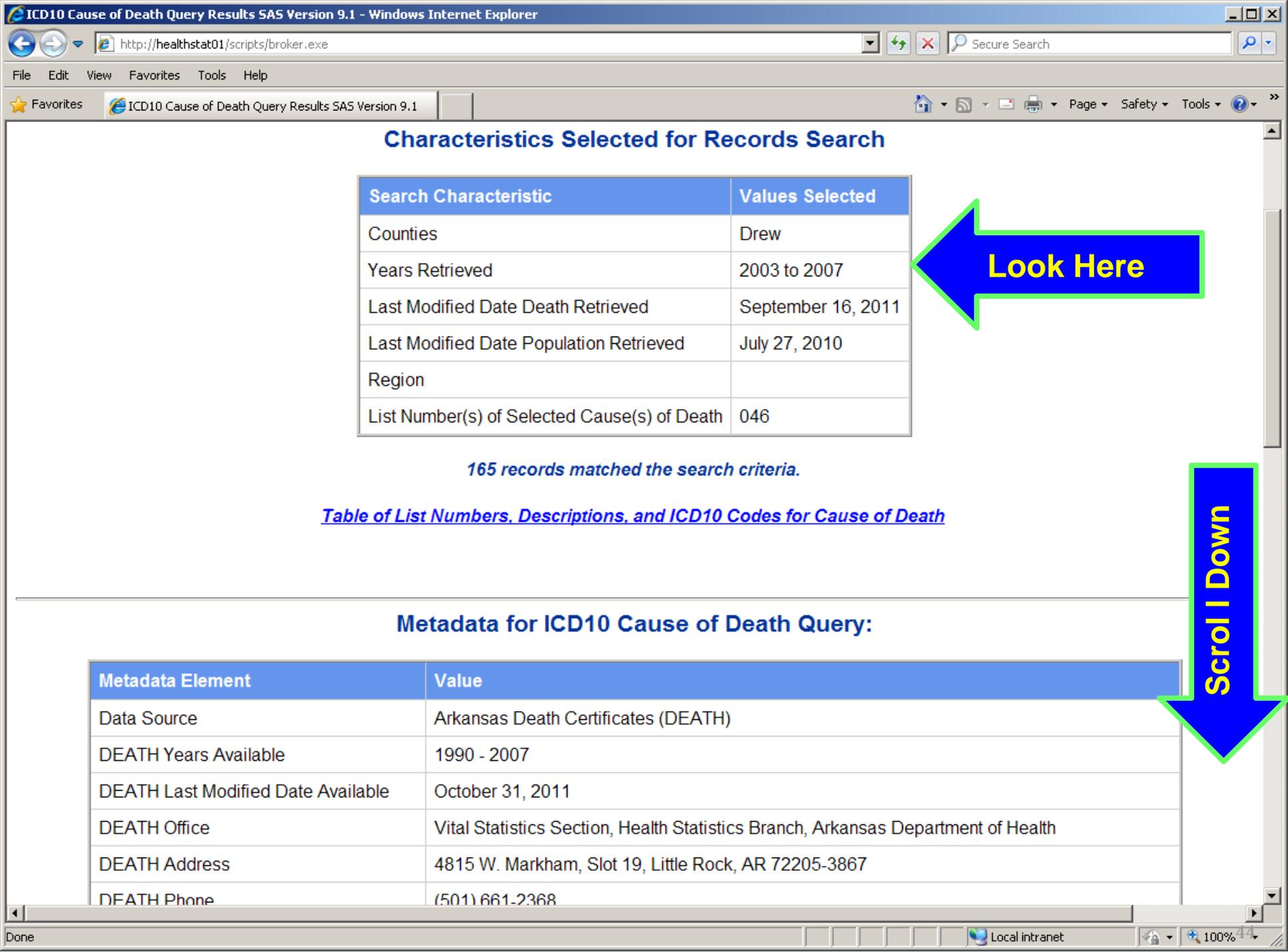
Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel

Submit Request





Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	2003 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	
List Number(s) of Selected Cause(s) of Death	046

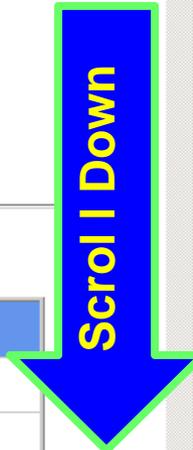


165 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368



COMPR Phone	(301) 458-4000 or 1-866-441-NCHS
COMPR Email	Email: nchsquery@cdc.gov
COMPR Web Information	Comparability of Cause-of-death Between ICD Revisions
	2001 Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary Estimates
	2004 Downloadable XLS ICD-9/ICD-10 Comparability Ratio Tables
	FTP Directory Containing Documentation and Downloadable Data Sets for ICD-9/ICD-10 Study

**Age-adjusted Death Rate
Arkansas, 2003 - 2007
For Selected County/Countries
For ICD10 Cause of Death Code(s) = "Diabetes mellitus (E10-E14)"**

* Rows with less than 10 Population have been masked.

Residence County	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval before 75 Per 100,000 Population
Drew County	35	93,534	37.42	26.06 - 52.04	35.14	24.43 - 48.81
Combined Counties	35	93,534	37.42	26.06 - 52.04	35.14	24.43 - 48.81



**Suppose You are Wondering
About Deaths from Diabetes
in *All* Counties in the Entire
State from 1990 - 2007**

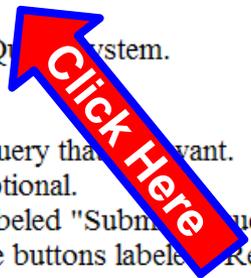


Arkansas Health Statistics Branch Query System

Low Birthweight Report Fertility Report Cause of Death Report Cause of Infant Death Report Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.





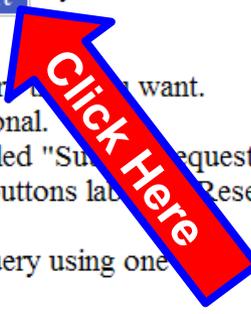
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.



This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Cross
Dallas
Desha
Drew
Faulkner

(Multiple)

CLEAR

Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:



Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

1990 to 2007



Step 2. Select Type of Rate (Required):

Click here



Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)



Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20-A30
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64
050	Meningitis. ICD10 Codes G00,G03
051	Parkinson's disease. ICD10 Codes G20-G21



(Multiple)

CLEAR



Level 2 Diagnosis:
(* indicates diagnosis category contains

List
Num Description

--	--



Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)

(Multiple)

CLEAR

List

Num Description

[Empty list box]

(Multiple)

CLEAR



Level 4 Diagnosis:

List

Num Description

[Empty list box]

(Multiple)

CLEAR

Bar Chart Graphics:

None

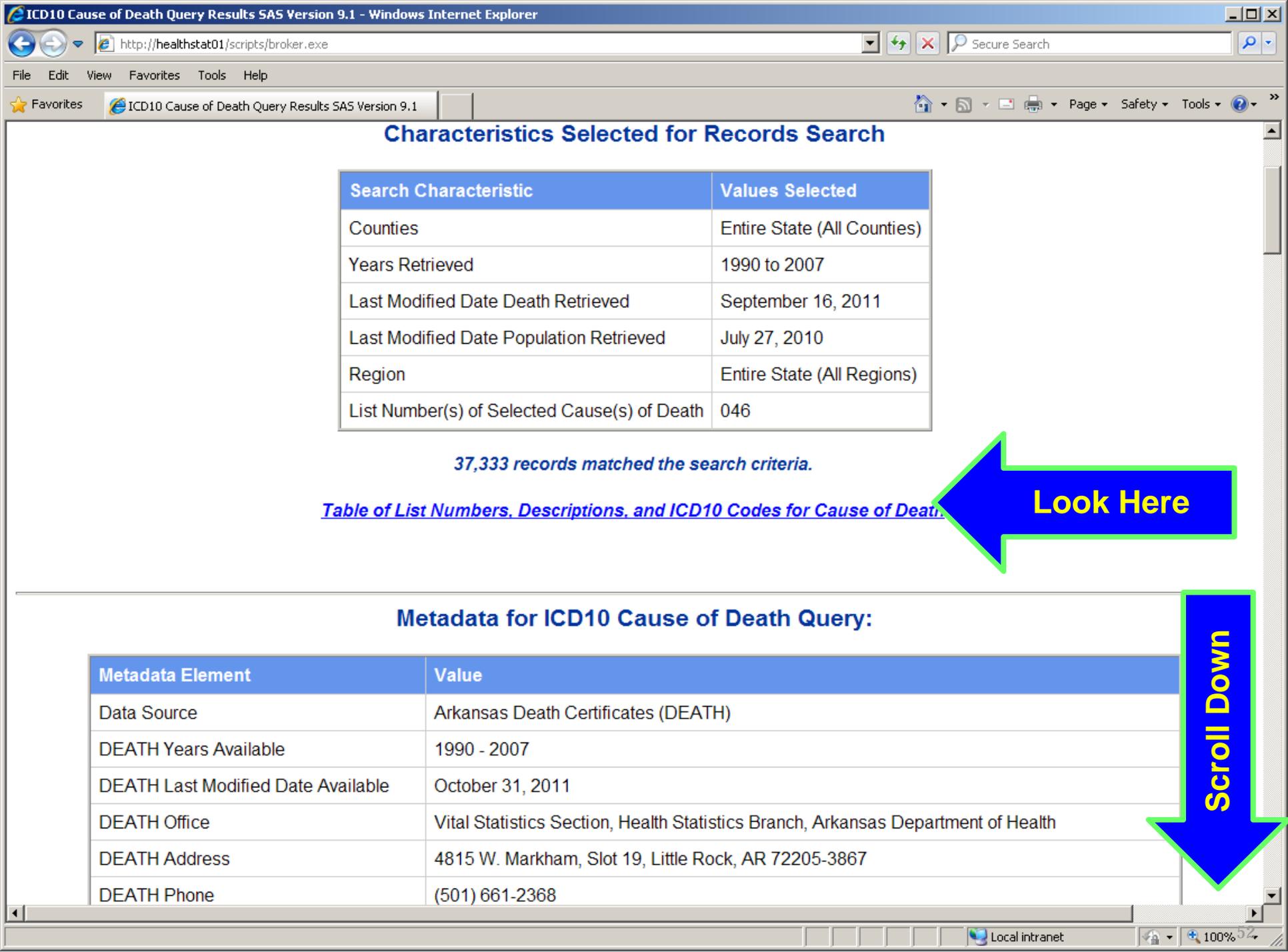
Please select how you would like to view your output: Browser PDF Excel



Submit Request

Reset Form





Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Entire State (All Counties)
Years Retrieved	1990 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	Entire State (All Regions)
List Number(s) of Selected Cause(s) of Death	046

37,333 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)



Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368



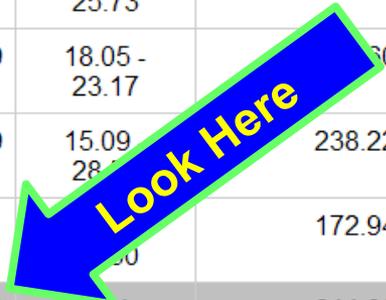
Age-adjusted Death Rate Arkansas, 1990 - 2007 Entire State (All Regions, All Counties) For ICD10 Cause of Death Code(s) = "Diabetes mellitus (E10-E14)"

* Rows with less than 10 Population have been masked.



Residence County	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted YPLL before 75 Per 100,000 Population
Arkansas County	131	372,278	35.15	29.38 - 41.71	28.91	24.13 - 34.32	307.46
Ashley County	134	430,321	31.24	26.18 - 36.99	28.41	23.80 - 33.63	183.01
Baxter County	283	668,498	42.37	37.58 - 47.60	23.05	20.29 - 25.87	197.74
Benton County	404	2,674,247	15.10	13.66 - 16.64	14.50	13.11 - 16.00	128.92
Boone County	121	592,746	20.39	16.92 - 24.37	16.30	13.49 - 19.49	164.45
Bradley County	56	219,931	25.24	19.04 - 32.82	19.33	14.48 - 25.17	196.03
Calhoun County	45	102,386	44.38	32.43 - 59.31	35.55	25.88 - 47.42	311.43
Carroll County	87	434,095	19.95	15.97 - 24.62	16.58	13.25 - 20.46	113.10

Scott County	49	195,024	25.27	18.72 - 33.39	21.08	15.56 - 27.83	206.19
Searcy County	31	143,196	21.81	14.84 - 30.92	14.85	10.03 - 20.79	113.16
Sebastian County	619	2,014,854	30.70	28.33 - 33.22	29.58	27.29 - 32.01	268.26
Sevier County	63	276,836	22.58	17.33 - 28.91	21.46	16.45 - 27.49	226.91
Sharp County	84	297,023	28.12	22.41 - 34.83	17.16	13.54 - 21.16	145.03
Stone County	65	200,104	32.66	25.22 - 41.60	24.51	18.83 - 31.17	199.87
Union County	410	818,073	50.10	45.36 - 55.19	40.83	36.93 - 45.02	359.49
Van Buren County	91	281,077	32.25	25.95 - 39.61	20.14	16.04 - 24.68	167.35
Washington County	535	2,768,387	19.33	17.72 - 21.04	23.63	21.67 - 25.73	192.11
White County	256	1,168,957	21.90	19.30 - 24.75	20.49	18.05 - 23.17	160.60
Woodruff County	41	157,768	26.16	18.79 - 35.45	21.09	15.09 - 28.10	238.22
Yell County	96	366,154	26.14	21.16 - 31.93	22.51	18.00 - 27.00	172.94
Combined Counties	12,327	47,068,835	26.19	25.73 - 26.66	24.14	23.71 - 24.57	211.02



Suppose You are Wondering
About Deaths from Diabetes
in Your County for Black
Women From 1990 - 2007

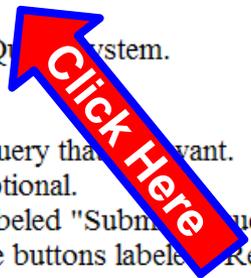


Arkansas Health Statistics Branch Query System

Low Birthweight Report Fertility Report Cause of Death Report Cause of Infant Death Report Hospital Discharge Report

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- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
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- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
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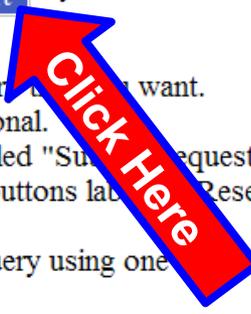
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.



This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Cross
Dallas
Desha
Drew
Faulkner
(Multiple)



Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)
(Multiple)

Or Entire State:

CLEAR

CLEAR

Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.



Time Span:

1990 to 2007





Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)



Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20-A30
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64
050	Meningitis. ICD10 Codes G00,G03
051	Parkinson's disease. ICD10 Codes G20-G21



(Multiple)

CLEAR



Level 2 Diagnosis:
(* indicates diagnosis category contains

List
Num Description

--	--

Please select how you would like to view your output.

Submit Request Reset Form



Step 4. Select Subset Characteristics of Decedent (Optional)

Gender:

Male
Female



CLEAR

Race:

White
Black
Native American



(Multiple)

CLEAR

Ethnicity:

Hispanic
Non-Hispanic



(Multiple)

CLEAR

Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel



Submit Request Reset Form

Please select how you would like to view your output: Browser PDF Excel

Submit Request Reset Form



Step 4. Select Subset Characteristics of Decedent (Optional)

Gender:

Male
Female



CLEAR

Race:

White
Black
Native American



(Multiple)

CLEAR

Ethnicity:

Hispanic
Non-Hispanic

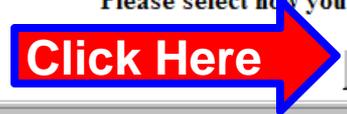
(Multiple)

CLEAR

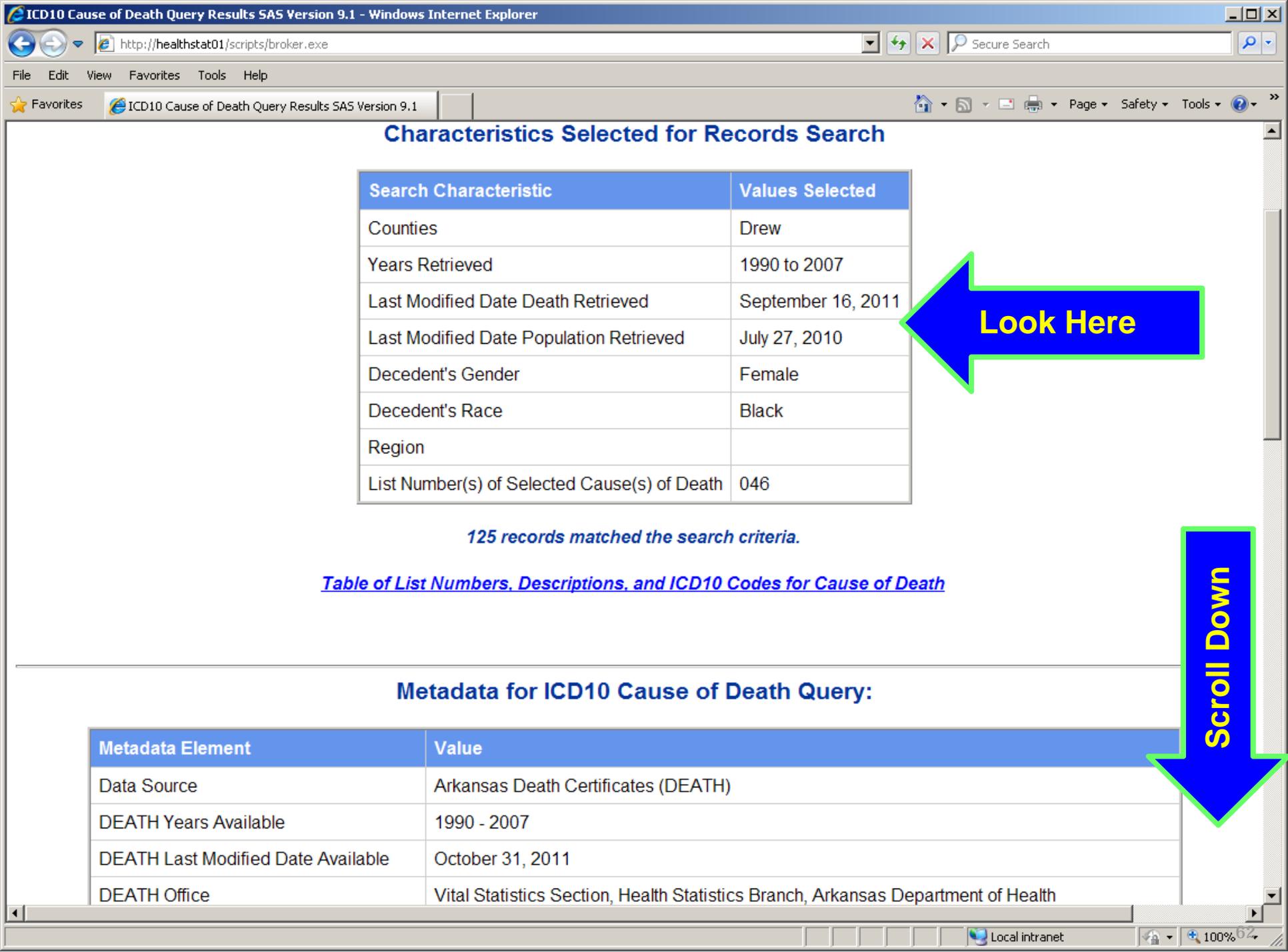
Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel



Submit Request Reset Form



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	1990 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Decedent's Gender	Female
Decedent's Race	Black
Region	
List Number(s) of Selected Cause(s) of Death	046

Look Here

125 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health

Scroll Down

COMPR Phone	(301) 458-4000 or 1-866-441-NCHS
COMPR Email	Email: nchsquery@cdc.gov
COMPR Web Information	Comparability of Cause-of-death Between ICD Revisions
	2001 Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary Estimates
	2004 Downloadable XLS ICD-9/ICD-10 Comparability Ratio Tables
	FTP Directory Containing Documentation and Downloadable Data Sets for ICD-9/ICD-10 Study

Age-adjusted Death Rate
Arkansas, 1990 - 2007
For Selected County/Countries
For ICD10 Cause of Death Code(s) = "Diabetes mellitus (E10-E14)"
For Selected Female Race

* Rows with less than 10 Population have been masked.



Residence County	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted YPLL before 75 Per 100,000 Population
Drew County	38	48,300	79.19	56.11 - 108.59	87.22	61.58 - 119.88	769.94
Combined Counties	38	48,300	79.19	56.11 - 108.59	87.22	61.58 - 119.88	769.94

Suppose You are Wondering
About Deaths from Diabetes
in Your County, Broken Down
by Age Group From
2005 - 2007

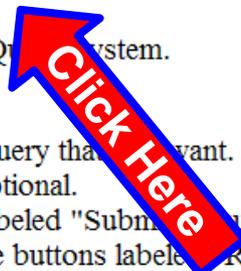


Arkansas Health Statistics Branch Query System

Low Birthweight Report Fertility Report Cause of Death Report Cause of Infant Death Report Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
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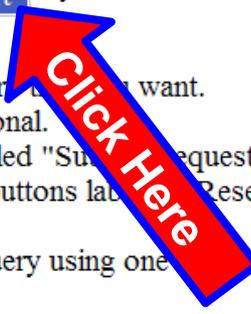
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

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- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
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This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Desha
Drew
Faulkner
Franklin
Fulton

(Multiple)

CLEAR



Click Here

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:

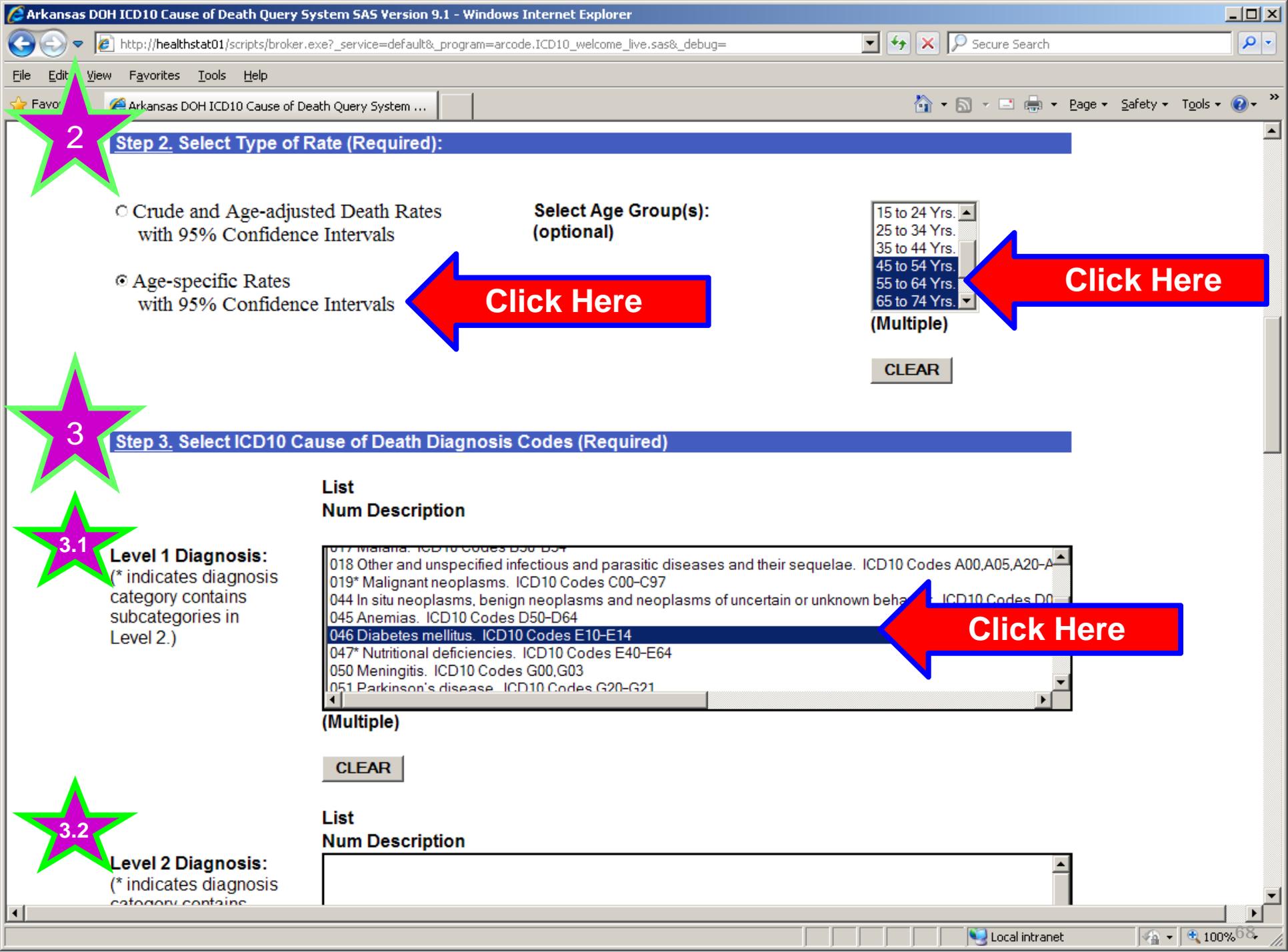
Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

2005 to 2007



Click Here



2

Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals

Select Age Group(s): (optional)

- 15 to 24 Yrs.
- 25 to 34 Yrs.
- 35 to 44 Yrs.
- 45 to 54 Yrs.
- 55 to 64 Yrs.
- 65 to 74 Yrs.

(Multiple)

CLEAR

Click Here

Click Here

3

Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)

3.1

Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

- 017 Malaria. ICD10 Codes B50-B54
- 018 Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20-A
- 019* Malignant neoplasms. ICD10 Codes C00-C97
- 044 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
- 045 Anemias. ICD10 Codes D50-D64
- 046 Diabetes mellitus. ICD10 Codes E10-E14
- 047* Nutritional deficiencies. ICD10 Codes E40-E64
- 050 Meningitis. ICD10 Codes G00,G03
- 051 Parkinson's disease. ICD10 Codes G20-G21

(Multiple)

CLEAR

Click Here

3.2

Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)

List
Num Description

subcategories in Level 3.)

(Multiple)

CLEAR

List

Num Description

Num	Description
-----	-------------

(Multiple)

CLEAR

List

Num Description

Num	Description
-----	-------------

(Multiple)

CLEAR

Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel



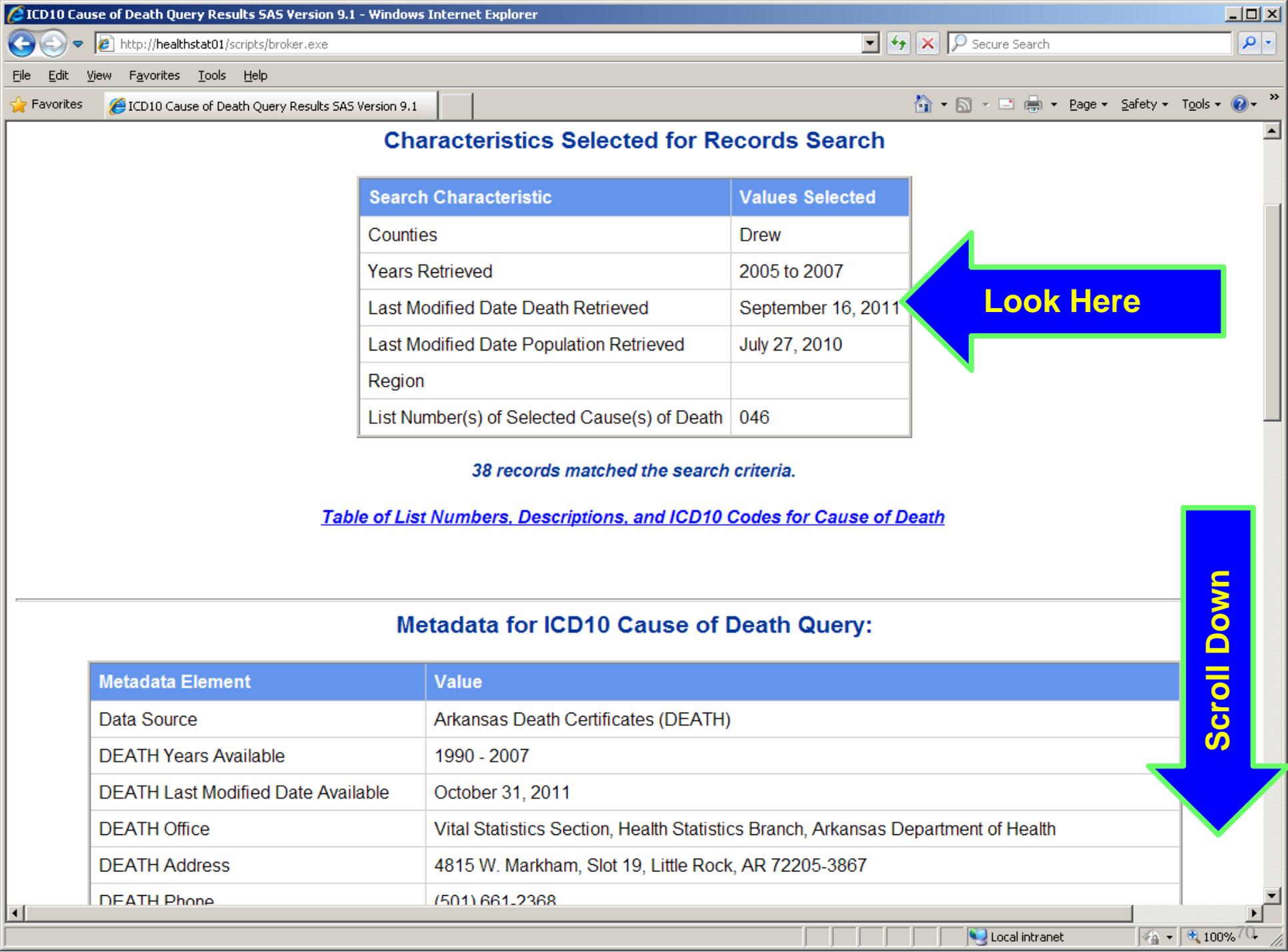
Submit Request Reset Form



Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)



Level 4 Diagnosis:



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	2005 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	
List Number(s) of Selected Cause(s) of Death	046

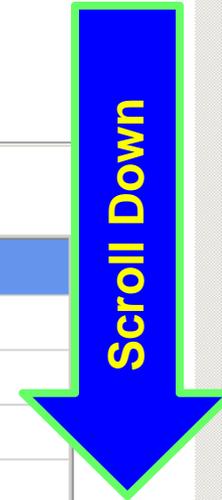


38 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368



**Age-specific Death Rate
Arkansas, 2005 - 2007
For Selected County/Countries
For ICD10 Cause of Death Code(s) = "Diabetes mellitus (E10-E14)"**

* Rows with less than 10 Population have been masked.



Residence County	Age Group	Expected Population of Age Group*	Number of Selected Deaths	Actual Population of Age Group	Death Rate Per 100,000 Population	95% Confidence Interval	Age-Specific YPLL before 75 Per 100,000 Population
Drew County	45 to 54 Yrs.	7,581	2	7,628	26.22	3.18 - 94.71	616.15
	55 to 64 Yrs.	4,905	2	5,898	33.91	4.11 - 122.49	525.60
	65 to 74 Yrs.	3,713	2	3,833	52.18	6.32 - 188.49	339.16
Combined Counties	45 to 54 Yrs.	7,581	2	7,628	26.22	3.18 - 94.71	616.15
	55 to 64 Yrs.	4,905	2	5,898	33.91	4.11 - 122.49	525.60
	65 to 74 Yrs.	3,713	2	3,833	52.18	6.32 - 188.49	339.16

* (Expected Population of Age Group) =
 (Actual Population of ALL Age Groups) * (Fraction of 2000 Standard Population in Selected Age Group)
 Compare to Actual Population of Age Group to see how age distribution differs from 2000 Standard Population.
 Death Rate = 100,000*Number of Selected Deaths/Actual Population of Age Group.

Suppose You are Interested in a disease that can have has differing diagnosis.

For Example : Malignant Neoplasm's (Cancer)

**Number of Lung Cancer
Deaths in 2005 - 2007 for the
Entire State**



Arkansas
Department
of Health

Health
Statistics
Branch



Arkansas Health Statistics Branch Query System

Low Birthweight Report

Fertility Report

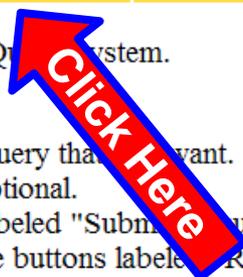
Cause of Death Report

Cause of Infant Death Report

Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
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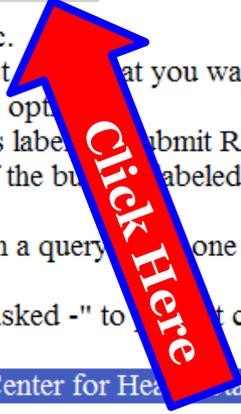
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
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- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query against one or more database(s) in the system and a resulting table or map of results will be displayed.
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This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Arkansas
Ashley
Baxter
Benton
Boone

(Multiple)

CLEAR

Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:



Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

2005 to 2007



Arkansas DOH ICD10 Cause of Death Query System SAS Version 9.1 - Windows Internet Explorer

http://healthstat01/scripts/broker.exe?_service=default&_program=arcodc.ICD10_welcome_live.sas&_debug=

File Edit View Favorites Tools Help

Click Here

Arkansas DOH ICD10 Cause of Death Query System ...

Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals

Click Here

Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)

List

Num	Description
015	viral hepatitis. ICD10 Codes B15-B19
016	Human immunodeficiency virus (HIV) disease. ICD10 Codes B20-B24
017	Malaria. ICD10 Codes B50-B54
018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64

(Multiple)

CLEAR

List

Num	Description
Subtotal 019	Malignant neoplasms. ICD10 Codes C00-C97
020	Malignant neoplasms of lip, oral cavity and pharynx. ICD10 Codes C00-C14 (Subset of Cause 019)
021	Malignant neoplasm of esophagus. ICD10 Code C15 (Subset of Cause 019)

Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

Level 2 Diagnosis:
(* indicates diagnosis category contains

Click Here

Local intranet 100%

3

3.1

Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List
Num Description

016	Human immunodeficiency virus (HIV) disease. ICD10 Codes B20-B24
017	Malaria. ICD10 Codes B50-B54
018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes B60-B86
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64



(Multiple)

CLEAR

3.2

Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)

List
Num Description

025	Malignant neoplasm of pancreas. ICD10 Code C25 (Subset of Cause 019)
026	Malignant neoplasm of larynx. ICD10 Code C32 (Subset of Cause 019)
027	Malignant neoplasms of trachea, bronchus and lung. ICD10 Codes C33-C34 (Subset of Cause 019)
028	Malignant melanoma of skin. ICD10 Code C43 (Subset of Cause 019)
029	Malignant neoplasm of breast. ICD10 Code C50 (Subset of Cause 019)



(Multiple)

CLEAR

3.3

Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)

List
Num Description

--	--



3.3

Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)

Level 3.)

(Multiple)

CLEAR

List

Num	Description
-----	-------------

(Multiple)

CLEAR



3.4

Level 4 Diagnosis:

List

Num	Description
-----	-------------

(Multiple)

CLEAR

Bar Chart Graphics:

Please select how you would like to view your output: Browser PDF Excel

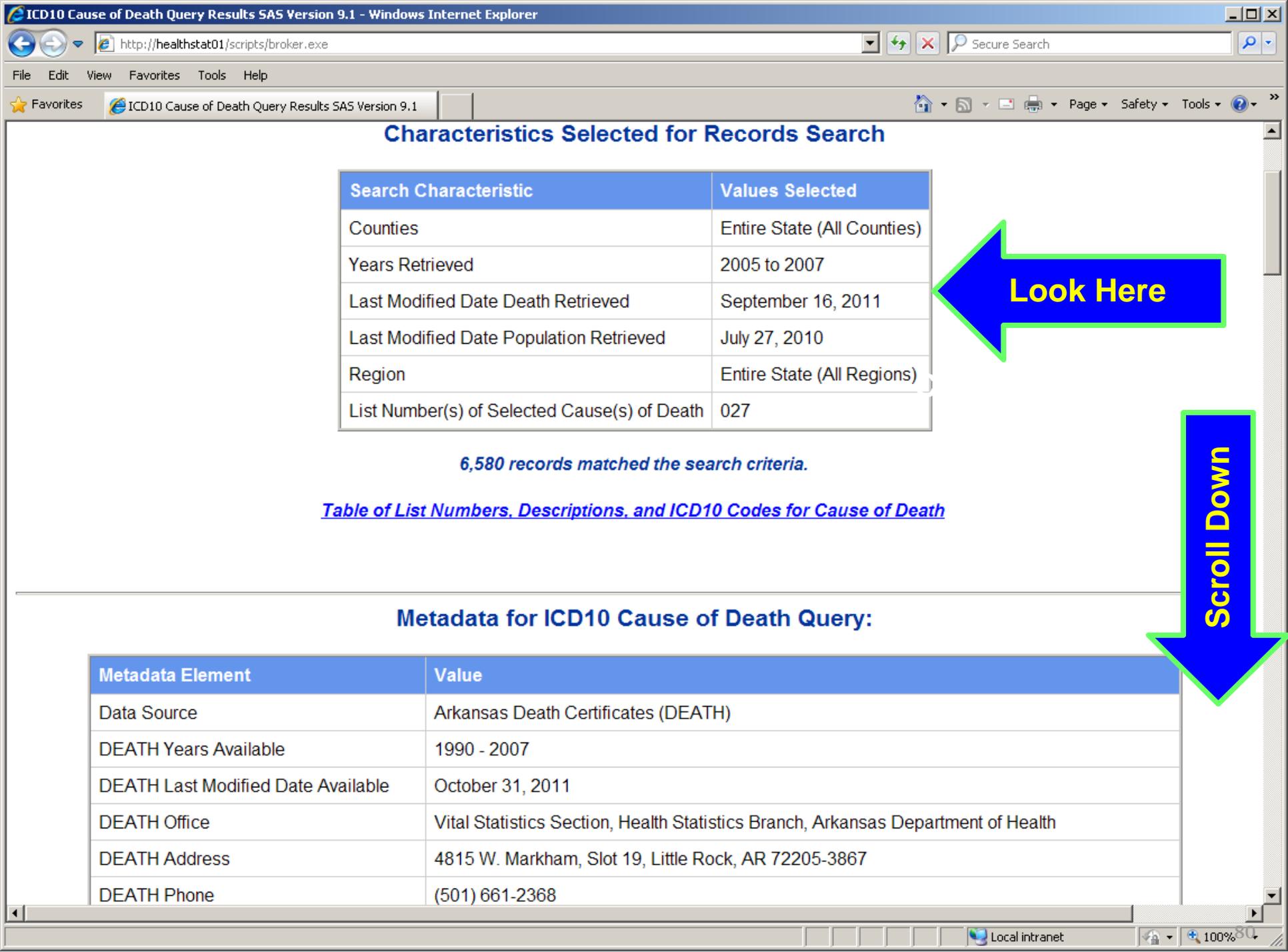


Click Here

Submit Request Reset Form



Click Here



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Entire State (All Counties)
Years Retrieved	2005 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	Entire State (All Regions)
List Number(s) of Selected Cause(s) of Death	027

Look Here

6,580 records matched the search criteria.

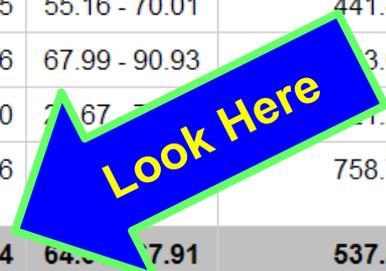
[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368

Scroll Down

Prairie County	26	26,642	97.59	63.75 - 142.99	67.53	43.98 - 96.72	629.06
Pulaski County	676	1,117,540	60.49	56.02 - 65.23	60.08	55.60 - 64.81	449.84
Randolph County	36	54,270	66.33	46.46 - 91.84	48.53	33.95 - 66.51	228.95
Saint Francis County	68	81,330	83.61	64.93 - 106.00	79.93	61.93 - 101.47	725.67
Saline County	194	278,339	69.70	60.24 - 80.23	64.24	55.44 - 74.01	462.13
Scott County	31	33,500	92.54	62.87 - 131.35	76.35	51.74 - 107.99	464.25
Searcy County	30	24,036	124.81	84.21 - 178.18	84.95	56.54 - 120.12	1065.79
Sebastian County	283	360,594	78.48	69.60 - 88.18	74.43	65.97 - 83.66	621.59
Sevier County	29	49,001	59.18	39.64 - 85.00	59.96	40.10 - 86.17	393.26
Sharp County	55	53,093	103.59	78.04 - 134.84	61.78	46.26 - 78.77	513.97
Stone County	42	35,582	118.04	85.07 - 159.55	71.77	51.61 - 93.79	479.16
Union County	123	129,998	94.62	78.64 - 112.89	76.51	63.50 - 91.25	839.61
Van Buren County	45	49,145	91.57	66.79 - 122.52	53.90	39.01 - 70.31	501.93
Washington County	283	569,372	49.70	44.08 - 55.85	62.25	55.16 - 70.01	441.47
White County	189	217,883	86.74	74.82 - 100.03	78.86	67.99 - 90.93	733.01
Woodruff County	13	23,556	55.19	29.39 - 94.37	42.80	27.67 - 71.26	211.26
Yell County	62	64,878	95.56	73.27 - 122.51	83.16	67.99 - 101.47	758.73
Combined Counties	6,276	8,433,512	74.42	72.59 - 76.28	66.24	64.50 - 77.91	537.81



Suppose You are Wondering
About Deaths from Breast
Cancer in Your County from
2005 - 2007

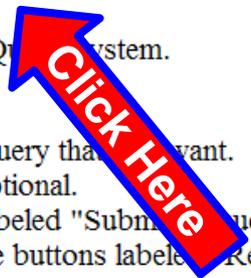


Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
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- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.





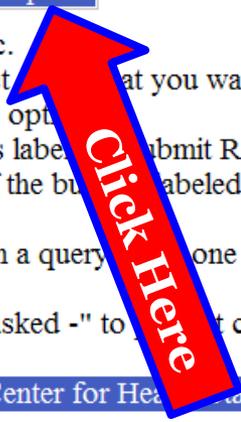
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

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- After the form is submitted, your selections will be used to run a query against one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title **Arkansas Center for Health Statistics Query System** above the menus on any page in this system.



This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.

Step 1. Select Counties and Time Span (Required)

Counties:

Dallas
Desha
Drew
Faulkner
Franklin

(Multiple)

CLEAR

Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:



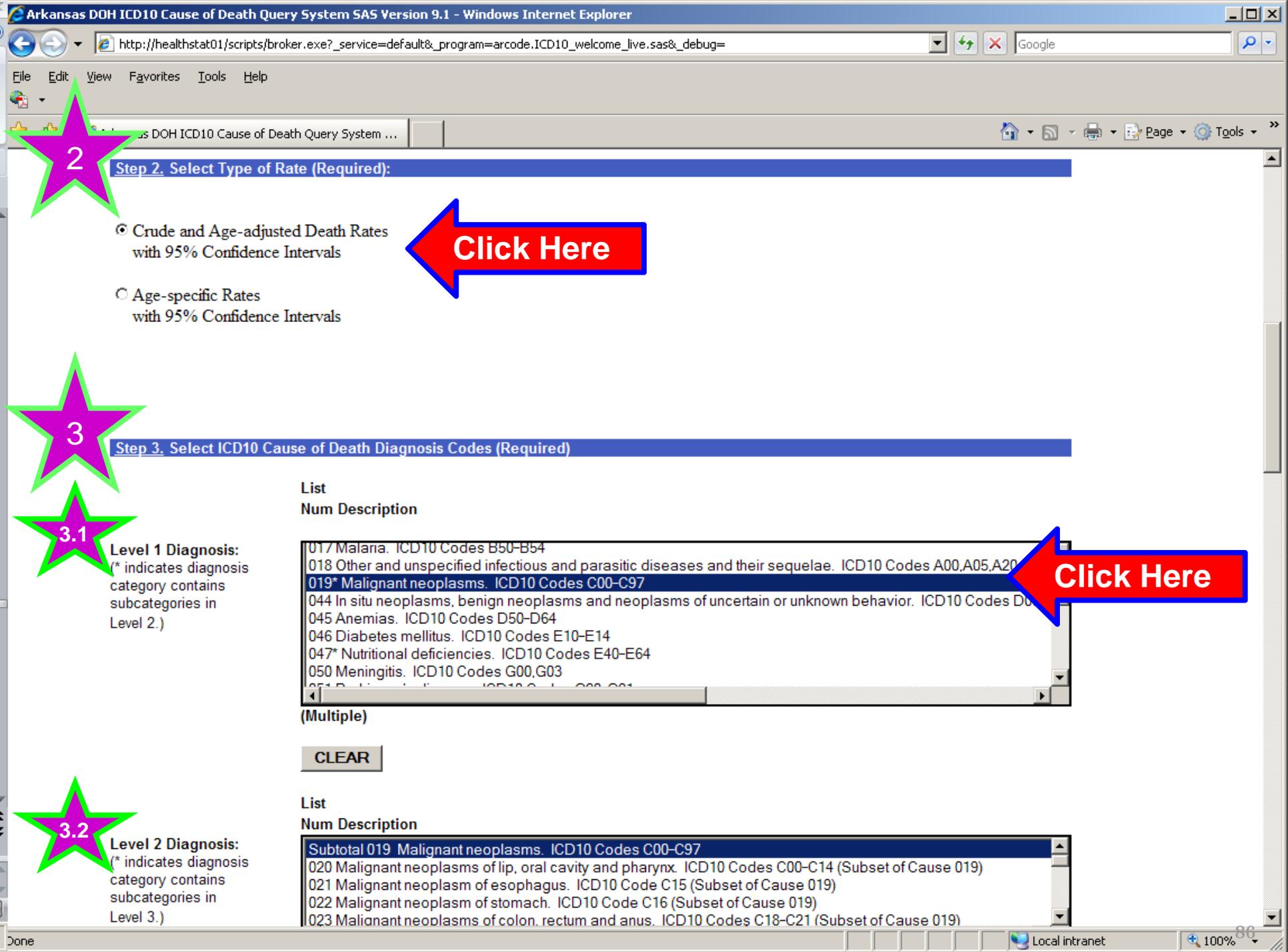
Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.

Time Span:

2005 to 2007



Step 2. Select Type of Rate (Required):



2

Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



3

Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)

3.1

Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

Num	Description
017	Malaria. ICD10 Codes B50-B54
018	Other and unspecified infectious and parasitic diseases and their sequelae. ICD10 Codes A00,A05,A20
019*	Malignant neoplasms. ICD10 Codes C00-C97
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. ICD10 Codes D00-D09
045	Anemias. ICD10 Codes D50-D64
046	Diabetes mellitus. ICD10 Codes E10-E14
047*	Nutritional deficiencies. ICD10 Codes E40-E64
050	Meningitis. ICD10 Codes G00,G03
051	Other meningitis. ICD10 Codes G04-G06



(Multiple)

CLEAR

3.2

Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)

Num	Description
Subtotal 019	Malignant neoplasms. ICD10 Codes C00-C97
020	Malignant neoplasms of lip, oral cavity and pharynx. ICD10 Codes C00-C14 (Subset of Cause 019)
021	Malignant neoplasm of esophagus. ICD10 Code C15 (Subset of Cause 019)
022	Malignant neoplasm of stomach. ICD10 Code C16 (Subset of Cause 019)
023	Malignant neoplasms of colon, rectum and anus. ICD10 Codes C18-C21 (Subset of Cause 019)

Arkansas DOH ICD10 Cause of Death Query System SAS Version 9.1 - Windows Internet Explorer

http://healthstat01/scripts/broker.exe?_service=default&_program=arcode.ICD10_welcome_live.sas&_debug=

File Edit View Favorites Tools Help

Arkansas DOH ICD10 Cause of Death Query System ...

Level 2 Diagnosis: (* indicates diagnosis category contains subcategories in Level 3.)

3.2

Num Description

027	Malignant neoplasms of trachea, bronchus and lung. ICD10 Codes C33-C34 (Subset of Cause 019)
028	Malignant melanoma of skin. ICD10 Code C43 (Subset of Cause 019)
029	Malignant neoplasm of breast. ICD10 Code C50 (Subset of Cause 019)
030	Malignant neoplasm of cervix uteri. ICD10 Code C53 (Subset of Cause 019)
031	Malignant neoplasms of corpus uteri and uterus, part unspecified. ICD10 Codes C54-C55 (Subset of Cause 019)

(Multiple)

CLEAR

List

Num Description

(Multiple)

CLEAR

List

Num Description

(Multiple)

CLEAR

Bar Chart Graphics: None

Please select how you would like to view your output: Browser PDF Excel

Done Local intranet 100% 87



Step 4. Select Subset Characteristics of Decedent (Optional)



Gender:

Male
Female



CLEAR

Race:

White
Black
Native American

(Multiple)

CLEAR

Ethnicity:

Hispanic
Non-Hispanic

(Multiple)

CLEAR

Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel



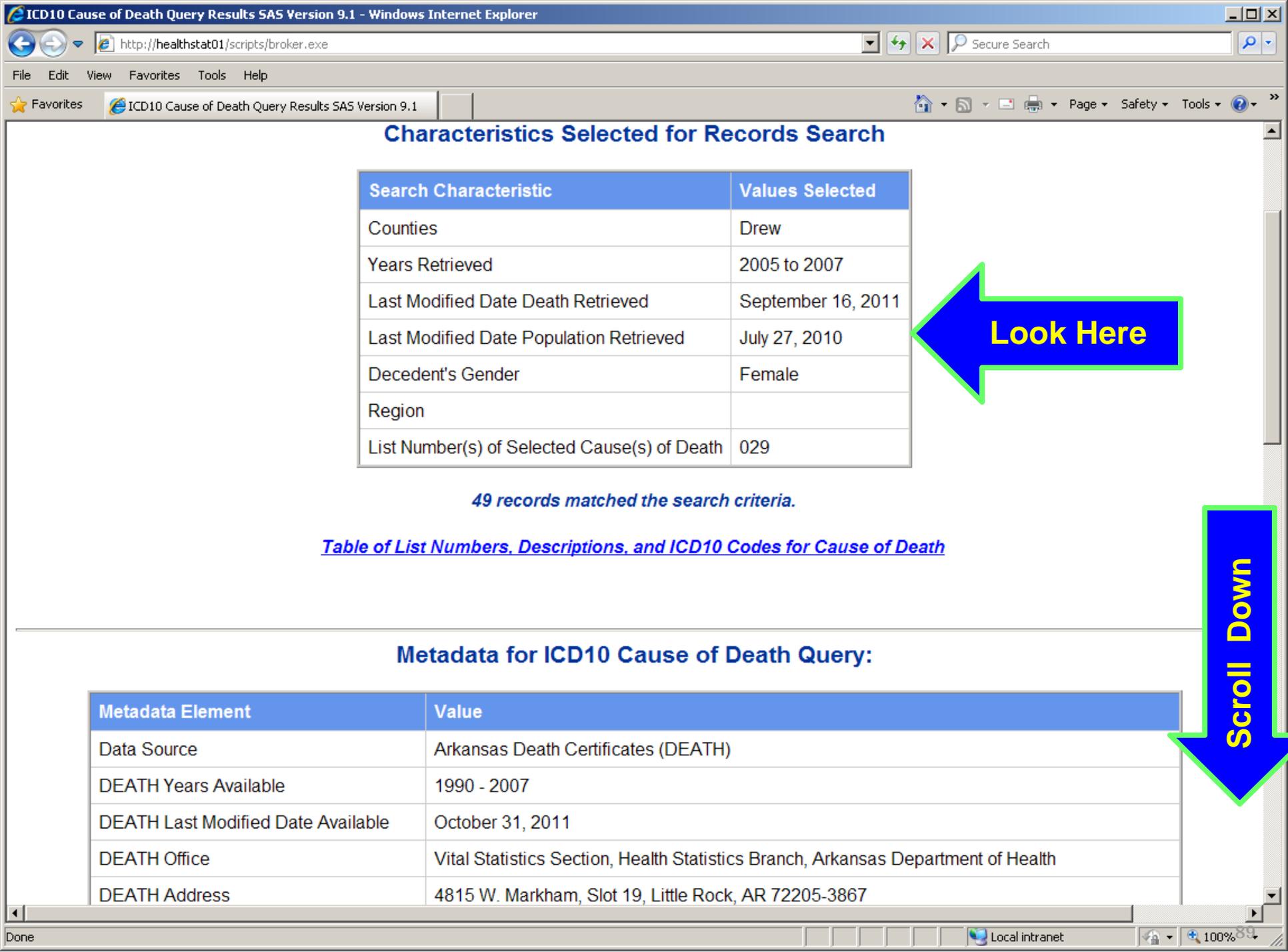
Submit Request

Reset Form



Step 5: Define Report Content, Output, and Submit Request (Optional)

Instructions:



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	2005 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Decedent's Gender	Female
Region	
List Number(s) of Selected Cause(s) of Death	029



49 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867



COMPR Phone	(301) 458-4000 or 1-866-441-NCHS
COMPR Email	Email: nchsquery@cdc.gov
COMPR Web Information	Comparability of Cause-of-death Between ICD Revisions
	2001 Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary Estimates
	2004 Downloadable XLS ICD-9/ICD-10 Comparability Ratio Tables
	FTP Directory Containing Documentation and Downloadable Data Sets for ICD-9/ICD-10 Study

Age-adjusted Death Rate
Arkansas, 2005 - 2007
For Selected County/Counties
For ICD10 Cause of Death Code(s) = "Malignant neoplasm of breast (C50)"
For Selected Female

* Rows with less than 10 Population have been masked.



Residence County	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted YPLL before 75 Per 100,000 Population
Drew County	16	28,770	55.61	31.79 - 90.31	54.28	30.73 - 88.44	1076.26
Combined Counties	16	28,770	55.61	31.79 - 90.31	54.28	30.73 - 88.44	1076.26

Suppose You are
Wondering About Deaths
From Cardiovascular
Diseases in Your County
From
2005 - 2007



Arkansas Health Statistics Branch Query System

Low Birthweight Report

Fertility Report

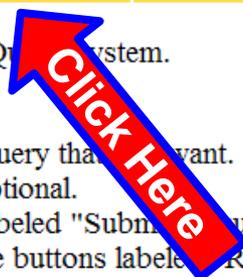
Cause of Death Report

Cause of Infant Death Report

Hospital Discharge Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.





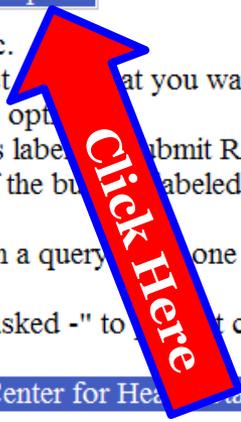
Arkansas Health Statistics Branch Query System

- Low Birthweight Report
- Fertility Report
- Cause of Death Report
- Cause of Infant Death Report
- Hospital Discharge Report

- ICD9 COD Report
- ICD10 COD Report

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query topic.
- You will be asked to fill out a form with the details of the exact report that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query against one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking Criterion](#))
- You can return to this page by clicking on the title [Arkansas Center for Health Statistics Query System](#) above the menus on any page in this system.



This request took 0.25 seconds of real time (v9.1 build 1461).

ICD10 Cause of Death Tabular Report

General Instructions:

- Follow steps to perform desired search. Some steps contain more detailed instructions.
- Lists allowing multiple selections are marked "**(Multiple)**".
- For multiple selection lists, first **CLICK** to select a single item, then either **CTRL-CLICK** to select/deselect multiple separate items or **SHIFT-CLICK** to select a range of items. **CLICK-DRAG** will also select a range of items.
- Characteristics with nothing selected will imply that there is no subset for that characteristic.
- The **CLEAR** button below each list will deselect all items on that list.



Step 1. Select Counties and Time Span (Required)

Counties:

Dallas
Desha
Drew
Faulkner
Franklin

(Multiple)

CLEAR

Or Regions:

Region 1 (Northwest)
Region 2 (Southwest)
Region 3 (Central)
Region 4 (Northeast)
Region 5 (Southeast)

(Multiple)

CLEAR

Or Entire State:

Note: Death certificates for 1990 - 1998 were originally coded using ICD9. Certificates were coded using ICD10 starting in 1999. In the ICD9 report, certificate counts for 1990 - 1998 are unadjusted, but those for 1999 - present are adjusted using the [ICD9-ICD10 Comparability Ratios](#). Similarly, in the ICD10 report, the 1990 - 1998 counts are adjusted and the 1999 - present counts are unadjusted.



Time Span:

2005 to 2007

Step 2. Select Type of Rate (Required):



Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)



Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

List	Num	Description
	047*	Nutritional deficiencies. ICD10 Codes E40-E64
	050	Meningitis. ICD10 Codes G00,G03
	051	Parkinson's disease. ICD10 Codes G20-G21
	052	Alzheimer's disease. ICD10 Code G30
	053*	Major cardiovascular diseases. ICD10 Codes I00-I78
	075	Other disorders of circulatory system. ICD10 Codes I80-I99
	076*	Influenza and pneumonia. ICD10 Codes J10-J18
	079*	Other acute lower respiratory infections. ICD10 Codes J20-J22



(Multiple)

CLEAR



Level 2 Diagnosis:
(* indicates diagnosis category contains

List	Num	Description
	Subtotal 053	Major cardiovascular diseases. ICD10 Codes I00-I78
	054*	Diseases of the heart. ICD10 Codes I00-I09,I11,I13,I20-I51 (Subset of Cause 053)
	069	Essential (primary) hypertension and hypertensive renal disease. ICD10 Codes I10,I12 (Subset of Cause 053)



CLEAR

List

Num Description

Subtotal 053 Major cardiovascular diseases. ICD10 Codes I00-I78
054* Diseases of the heart. ICD10 Codes I00-I09,I11,I13,I20-I51 (Subset of Cause 053)
069 Essential (primary) hypertension and hypertensive renal disease. ICD10 Codes I10,I12 (Subset of Cause 053)
070 Cerebrovascular diseases. ICD10 Codes I60-I69 (Subset of Cause 053)
071 Atherosclerosis. ICD10 Code I70 (Subset of Cause 053)

(Multiple)

CLEAR

List

Num Description

Subtotal 054 Diseases of the heart. ICD10 Codes I00-I09,I11,I13,I20-I51 (Subset of Cause 053)
055 Acute rheumatic fever and chronic rheumatic heart diseases. ICD10 Codes I00-I09 (Subset of Cause 054)
056 Hypertensive heart disease. ICD10 Code I11 (Subset of Cause 054)
057 Hypertensive heart and renal disease. ICD10 Code I13 (Subset of Cause 054)
058* Ischemic heart diseases. ICD10 Codes I20-I25 (Subset of Cause 054)

(Multiple)

CLEAR

List

Num Description

Subtotal 058 Ischemic heart diseases. ICD10 Codes I20-I25 (Subset of Cause 054)
059 Acute myocardial infarction. ICD10 Codes I21-I22 (Subset of Cause 058)
060 Other acute ischemic heart diseases. ICD10 Code I24 (Subset of Cause 058)
061 Other forms of chronic ischemic heart disease. ICD10 Codes I20,I25 (Subset of Cause 058)
062 Atherosclerotic cardiovascular disease. so described. ICD10 Code I25.0 (Subset of Cause 058)

(Multiple)

CLEAR



3.2

Level 2 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 3.)



3.3

Level 3 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 4.)



3.4

Level 4 Diagnosis:





Step 4. Select Subset Characteristics of Decedent (Optional)

Gender:

Male
Female

CLEAR

Race:

White
Black
Native American

(Multiple)

CLEAR

Ethnicity:

Hispanic
Non-Hispanic

(Multiple)

CLEAR

Bar Chart Graphics:

None

Please select how you would like to view your output: Browser PDF Excel



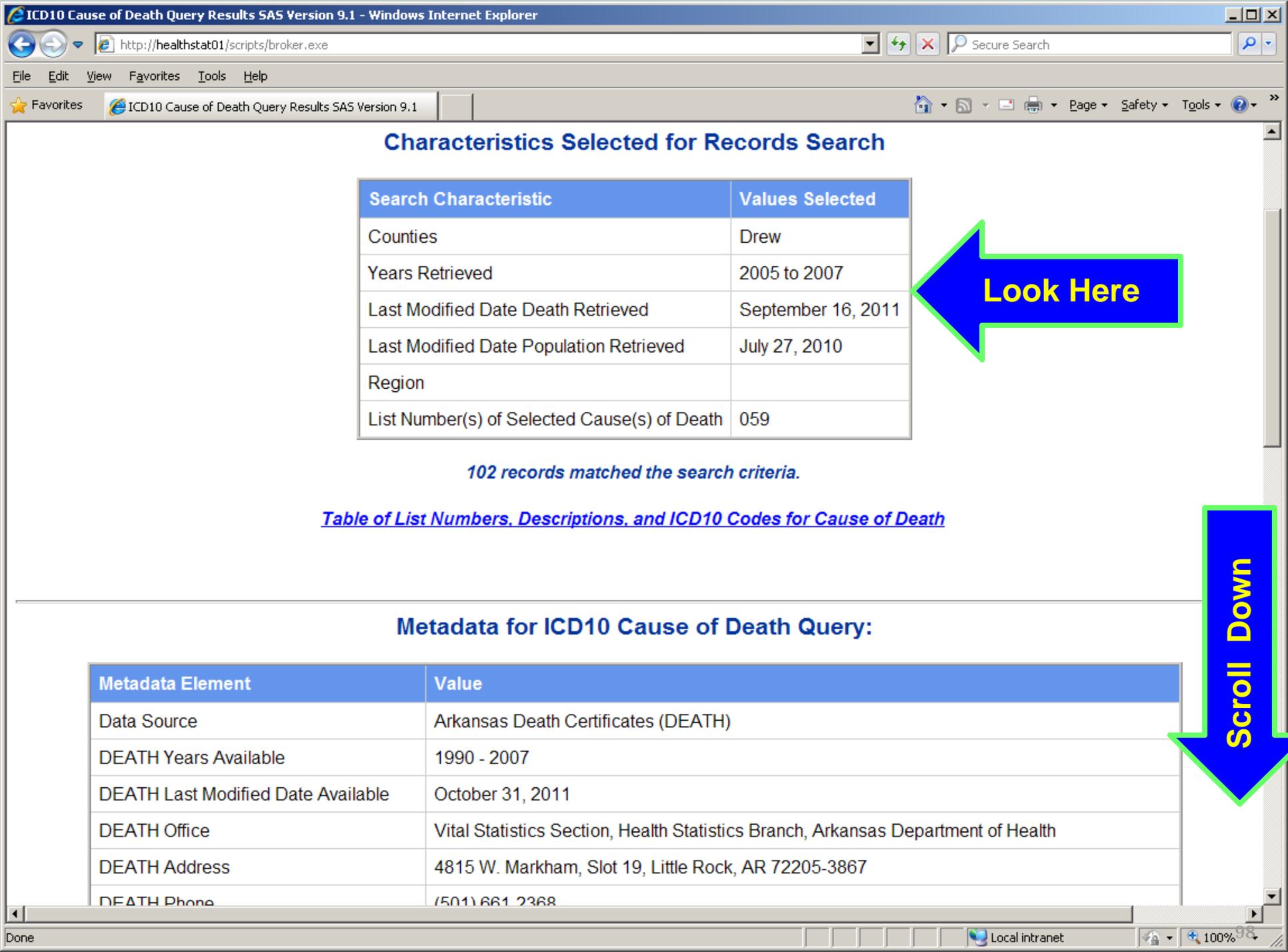
Submit Request

Reset Form



Step 5: Define Report Content, Output, and Submit Request (Optional)

Instructions:



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	2005 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	
List Number(s) of Selected Cause(s) of Death	059

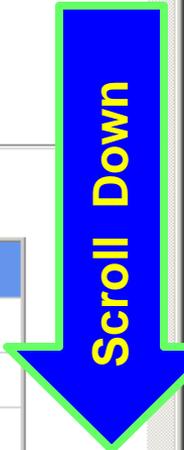


102 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368



COMPR Phone	(301) 458-4000 or 1-866-441-NCHS
COMPR Email	Email: nchsquery@cdc.gov
COMPR Web Information	Comparability of Cause-of-death Between ICD Revisions
	2001 Comparability of Cause of Death Between ICD-9 and ICD-10: Preliminary Estimates
	2004 Downloadable XLS ICD-9/ICD-10 Comparability Ratio Tables
	FTP Directory Containing Documentation and Downloadable Data Sets for ICD-9/ICD-10 Study

**Age-adjusted Death Rate
Arkansas, 2005 - 2007
For Selected County/Countries
For ICD10 Cause of Death Code(s) = "Acute myocardial infarction (I21-I25)"**

* Rows with less than 10 Population have been masked.



Residence County	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted YPLL before 75 Per 100,000 Population
Drew County	46	56,221	81.82	59.90 - 109.14	76.31	55.78 - 101.64	699.95
Combined Counties	46	56,221	81.82	59.90 - 109.14	76.31	55.78 - 101.64	699.95

Step 5: Define Report Content, Output, and Submit Request (Optional)**Instructions:**

This section allows you to define the structure of the resultant table. If counties or regions are selected, the initial sort column must be the county. If the entire state is chosen, the first sort column is either county (default), or death year, or neither (i.e. NO primary sort column). You can then select up to two additional drilldown levels from the dropdown menus, whether there is a primary sort column or not. However, duplicate sort columns are not permitted.

Note that cause of death may be chosen as a drilldown. In this case, the cause of death will be listed in one column, and the number of deaths and death rates for each cause of death will be in a separate row. If the cause of death is NOT chosen as a drilldown, then the number of deaths and death rates in a row are the sum of those for the selected causes. If a cause of death is selected which is a subcategory of another selected cause, (e.g. heart disease and major cardiovascular disease) then the cause of death code or description MUST be chosen as a drilldown. Otherwise, the numbers you get would double count the deaths in the subcategory.

Bar chart graphics are available for any table that has at least one drilldown level, either from the table or from the dropdown lists, or both. Bar charts may plot either the total selected deaths or the age-adjusted death rate for each row of the table.

<input checked="" type="radio"/> County <input type="radio"/> Year <input type="radio"/> Neither	Drill Level 2:	Drill Level 3:	Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval
	None	None						
<input type="radio"/> County <input type="radio"/> Year <input type="radio"/> Neither	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data
	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data

Bar Chart Graphics:

None

Click HerePlease select how you would like to view your output: Browser PDF Excel

Step 2. Select Type of Rate (Required):

- Crude and Age-adjusted Death Rates with 95% Confidence Intervals
- Age-specific Rates with 95% Confidence Intervals



Step 3. Select ICD10 Cause of Death Diagnosis Codes (Required)

List
Num Description

Level 1 Diagnosis:
(* indicates diagnosis category contains subcategories in Level 2.)

047*	Nutritional deficiencies. ICD10 Codes E40-E64
050	Meningitis. ICD10 Codes G00,G03
051	Parkinson's disease. ICD10 Codes G20-G21
052	Alzheimer's disease. ICD10 Code G30
053*	Major cardiovascular diseases. ICD10 Codes I00-I78
075	Other disorders of circulatory system. ICD10 Codes I80-I99
076*	Influenza and pneumonia. ICD10 Codes J10-J18
079*	Other acute lower respiratory infections. ICD10 Codes J20-J22

(Multiple)

CLEAR

List
Num Description

Level 2 Diagnosis:
(* indicates diagnosis category contains

Subtotal	053 Major cardiovascular diseases. ICD10 Codes I00-I78
054*	Diseases of the heart. ICD10 Codes I00-I09,I11,I13,I20-I51 (Subset of Cause 053)
069	Essential (primary) hypertension and hypertensive renal disease. ICD10 Codes I10,I12 (Subset of Cause 053)

Step 5: Define Report Content, Output, and Submit Request (Optional)

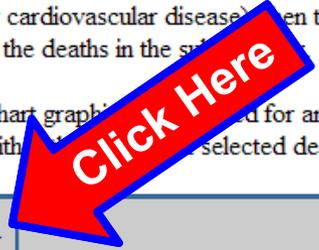


Instructions:

This section allows you to define the structure of the resultant table. If counties or regions are selected, the initial sort column must be the county. If the entire state is chosen, the first sort column is either county (default), or death year, or neither (i.e. NO primary sort column). You can then select up to two additional drilldown levels from the dropdown menus, whether there is a primary sort column or not. However, duplicate sort columns are not permitted.

Note that cause of death may be chosen as a drilldown. In this case, the cause of death will be listed in one column, and the number of deaths and death rates for each cause of death will be in a separate row. If the cause of death is NOT chosen as a drilldown, then the number of deaths and death rates in a row are the sum of those for the selected causes. If a cause of death is selected which is a subcategory of another selected cause, (e.g. heart disease and major cardiovascular disease), then the cause of death code or description MUST be chosen as a drilldown. Otherwise, the numbers you get would double count the deaths in the subcategory.

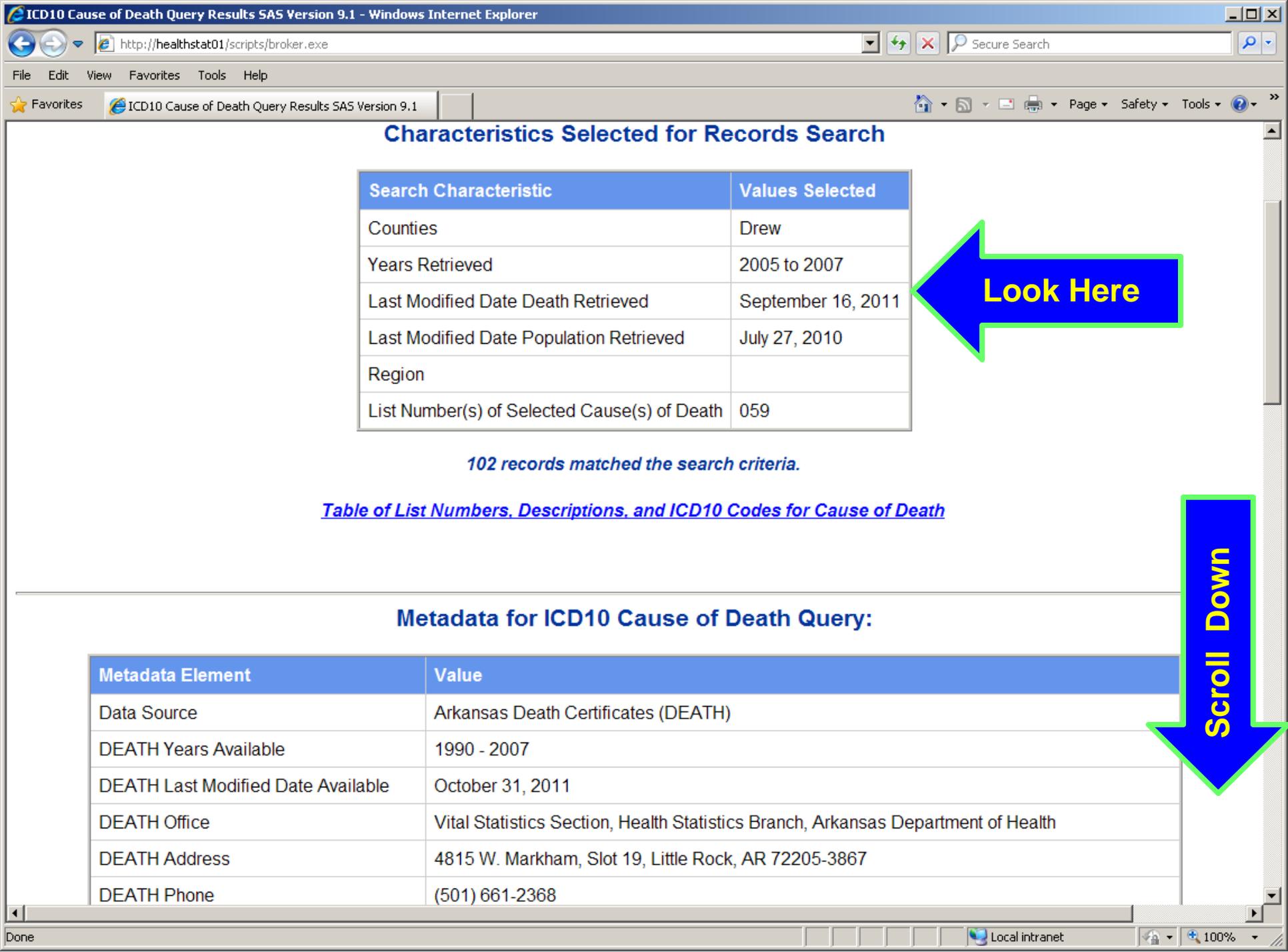
Bar chart graphics are enabled for any table that has at least one drilldown level, either from the radio buttons, the dropdown lists, or both. Bar charts may plot either the number of selected deaths or the age-adjusted death rate for each row of the table.



<input checked="" type="radio"/> County or <input type="radio"/> Year or <input type="radio"/> Neither	Drill Level 2: Gender	Drill Level 3: Race	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age- Adjusted Death Rate Per 100,000 Population	95% Confidence Interval
<input type="radio"/> County or <input type="radio"/> Year or <input type="radio"/> Neither	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data
	Level 2	Level 3	Data	Data	Data	Data	Data	Data
		Level 3	Data	Data	Data	Data	Data	Data

Bar Chart Graphics:

Please select how you would like to view your output: Browser PDF Excel



Characteristics Selected for Records Search

Search Characteristic	Values Selected
Counties	Drew
Years Retrieved	2005 to 2007
Last Modified Date Death Retrieved	September 16, 2011
Last Modified Date Population Retrieved	July 27, 2010
Region	
List Number(s) of Selected Cause(s) of Death	059

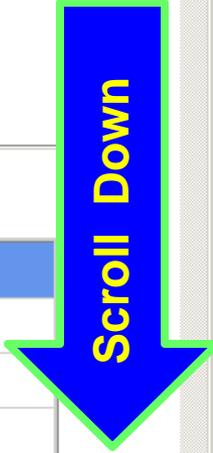


102 records matched the search criteria.

[Table of List Numbers, Descriptions, and ICD10 Codes for Cause of Death](#)

Metadata for ICD10 Cause of Death Query:

Metadata Element	Value
Data Source	Arkansas Death Certificates (DEATH)
DEATH Years Available	1990 - 2007
DEATH Last Modified Date Available	October 31, 2011
DEATH Office	Vital Statistics Section, Health Statistics Branch, Arkansas Department of Health
DEATH Address	4815 W. Markham, Slot 19, Little Rock, AR 72205-3867
DEATH Phone	(501) 661-2368

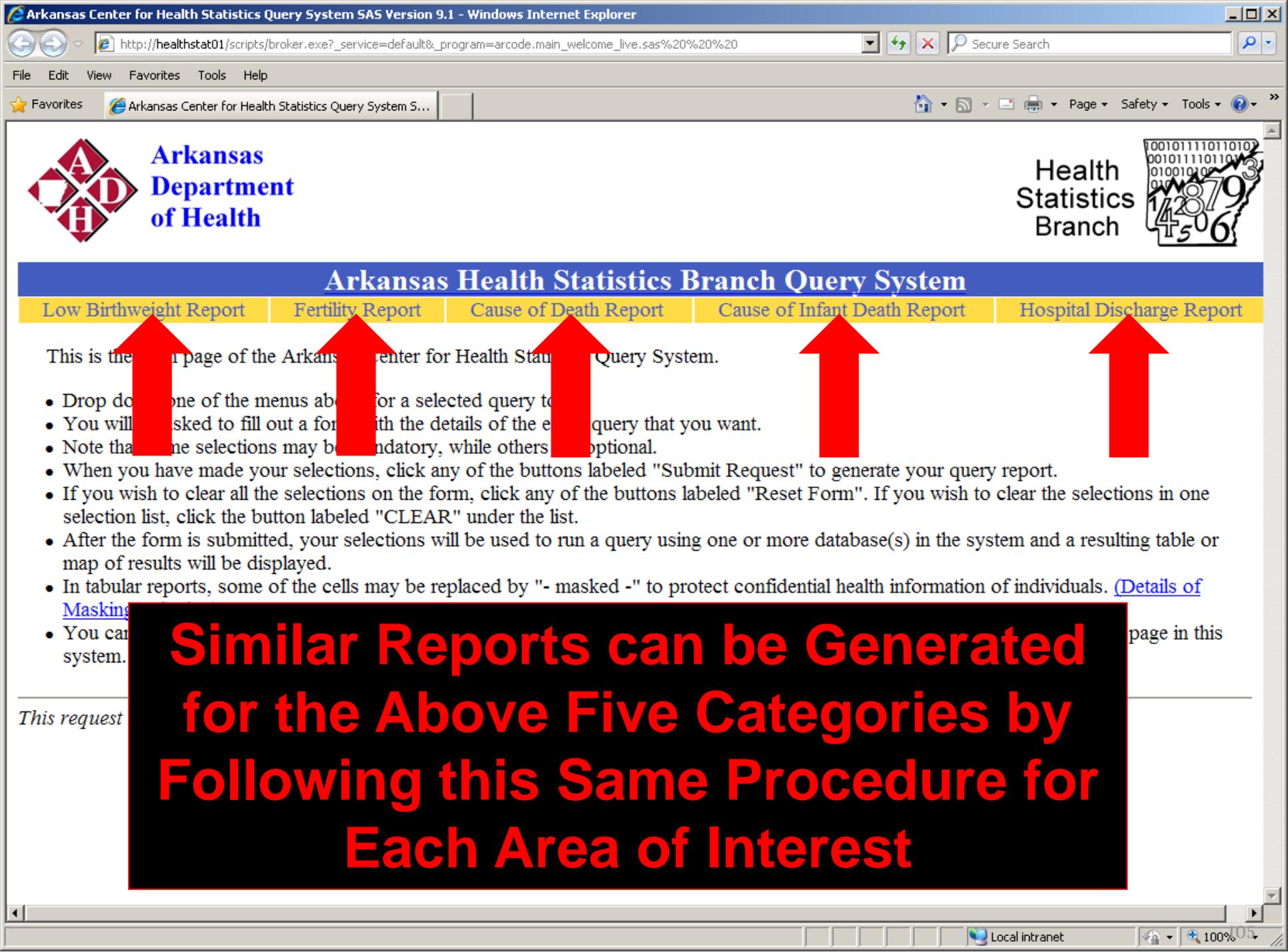


For Selected County/Countries
For ICD10 Cause of Death Code(s) = "Acute myocardial infarction (I11-I12)"

* Rows with less than 10 Population have been masked.



Residence County	Gender	Race	Number of Selected Deaths	Total Population	Crude Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted Death Rate Per 100,000 Population	95% Confidence Interval	Age-Adjusted YPLL before 75 Per 100,000 Population
Drew County	Male	White	25	19,765	126.49	81.86 - 186.72	118.20	76.05 - 174.62	1246.36
		Black	7	7,477	93.62	37.64 - 192.89	126.75	49.37 - 264.46	1067.14
		Native American	0	72	0.00	0.00 - 0.00	0.00	0.00 - 0.00	0.00
		Asian/Pacific Islander	0	137	0.00	0.00 - 0.00	0.00	0.00 - 0.00	0.00
	Female	White	9	20,298	44.34	20.27 - 84.17	31.26	14.20 - 56.52	149.18
		Black	5	8,256	60.56	19.66 - 141.33	66.53	21.56 - 155.22	344.28
		Native American	0	74	0.00	0.00 - 0.00	0.00	0.00 - 0.00	0.00
		Asian/Pacific Islander	0	142	0.00	0.00 - 0.00	0.00	0.00 - 0.00	0.00
Combined Counties	All Genders	All Races	46	56,221	81.82	59.90 - 109.14	76.31	55.78 - 101.64	699.95



Similar Reports can be Generated for the Above Five Categories by Following this Same Procedure for Each Area of Interest

This is the main page of the Arkansas Center for Health Statistics Query System.

- Drop down one of the menus above for a selected query to...
- You will be asked to fill out a form with the details of the selected query that you want.
- Note that some selections may be mandatory, while others are optional.
- When you have made your selections, click any of the buttons labeled "Submit Request" to generate your query report.
- If you wish to clear all the selections on the form, click any of the buttons labeled "Reset Form". If you wish to clear the selections in one selection list, click the button labeled "CLEAR" under the list.
- After the form is submitted, your selections will be used to run a query using one or more database(s) in the system and a resulting table or map of results will be displayed.
- In tabular reports, some of the cells may be replaced by "- masked -" to protect confidential health information of individuals. ([Details of Masking](#))
- You can... system.

This request

page in this