

National Center for Health Statistics Data Online Query System Overview

<http://www.cdc.gov/nchs/doqs/>



Data Online Query System

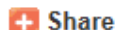
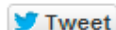


NCHS Data Online Query System (Beta Version)

Data Access

Data Access Tools

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Welcome! The National Center for Health Statistics Data Online Query System (NCHS DOQS) provides dynamically generated statistical tables, charts, and graphs using NCHS public use data.

The query system includes all data, search parameters, and output options necessary for custom queries of public health datasets. It does not require commercial statistical software packages (such as SAS or Stata) or file downloads. NCHS DOQS is available 24/7 free of charge.

Select a Dataset to Query:

- [Emergency Department Visits](#)

Begin your query by selecting a dataset.

NCHS DOQS lets you run custom queries, display results in tables and charts, and export data for storing and further analysis.

Easy to use, NCHS DOQS runs in nearly all browsers and can be run without JavaScript.



Data Online Query System

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Emergency Department Visits

Dataset Overview

Emergency Department
Care Survey (NHAMCS), a
sample of visits to the er
Federal, military, and Vet
Resources on the left na

Basic Measures

Select measure to query

-  [Estimated Numbers of ED Visits](#)
-  [Estimated Percentage Distribution of ED Visits](#)
-  [Estimated Crude Rates of ED Visits](#)
-  [Estimated Age-adjusted Rates of ED Visits](#)

This page contains important information about using ED data with NCHS DOQS. It is recommended that all ED data users review it at least once to ensure that they understand how best to build their queries and how to correctly interpret their output.

ne National Hospital Ambulatory Medical
stics. NHAMCS is a national probability
and short-stay hospitals, excluding
strict of Columbia. Click on Additional

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Getting Started with ED Data

NCHS DOQS provides a simple-to-use interface that allows users to build a query for a chosen dataset and view the results. Users build queries by stepping through data selection options that can restrict the query to a particular subpopulation and/or determine the variables which display in their results.

Building a query and viewing the results:

1. Since you have reached this page, it is assumed that you have already selected (from the NCHS DOQS home page) Emergency Department Visits data to query. Once you have selected Emergency Department Visits, you will see a page with a brief overview of the data and the statistical measures available. To select a measure, simply click on the measure name.

When you have finished reviewing *Getting Started with ED Data*, return to *Emergency Department Visits* to start building your query.

This page contains valuable information about mistakes to avoid when building your query, available statistical measures, proper citation of data, etc.

of ED visits, percent distribution of ED visits, crude rate of ED visits per persons. Data presented are weighted estimates based on sample counts. Because the estimates are based on a sample, they are subject to number and percent of visits, and confidence intervals are presented for

Rates are based on annual July 1 sets of estimates of the civilian noninstitutionalized population of the United States as developed by the Population Division, U.S. Census Bureau. Rates can be selected by age, sex, race, and ethnicity. If none of these groups are selected but rates is the chosen measure, the total U.S. civilian noninstitutionalized population is used as the denominator. Denominators are also shown in the table results. Rates are not currently available by geographic region or metropolitan statistical area status.

Age-adjusted rates have been adjusted to the standard 2000 U.S. population using 6 age groups (under 15, 15-24, 25-44, 45-64, 65-74, and 75 years and over). More information on this methodology is available at "Additional Resources" on the left hand navigation bar, and there are also Help icons within the Query Builder that contain some additional information.

2. After selecting a measure, you will see a page with a series of numbered steps - this is the Query Builder. You can restrict your analysis to a particular subpopulation based on the selections you make in each step (to expand a step, click on the blue bar). If you are not interested in any particular subpopulation, you may skip to the final step to select row and column variables for your query results. Remember that the choices you make in the steps can affect how the query results are displayed.

A few points to keep in mind: depending on your selections in the filtering steps, only records with those characteristics will appear in your results. For example, if you select "Males", only visits by males will be shown. There are three variables on the file (diagnostic/screening services, procedures, and disposition of visit) for which respondents could check all that apply. That is, one record can have multiple responses for these three variables. If you select multiple diagnostic/screening services as your filter,



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Emergency Department Visits

Dataset Overview

Emergency department (ED) visit data from the National Hospital Ambulatory Medical Care Survey (NHAMCS), which is a continuous sample of visits to the emergency and urgent care departments of Federal, military, and Veterans Administration hospitals. Resources on the left navigation bar for more information.

Basic Measures

Select measure to query

-  [Estimated Numbers of ED Visits](#)
-  [Estimated Percentage Distribution of ED Visits](#)
-  [Estimated Crude Rates of ED Visits](#)
-  [Estimated Age-adjusted Rates of ED Visits](#)

Next, select the measure you wish to explore. In our first example, we wish to find the annual number of ED visits by age and sex for 2008. Begin by selecting *Estimated Numbers of ED Visits*.

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NCHS Data Online

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Query

Step:

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Step 9: Select Expected Primary Source of

Step 10: Select Disposition

Step 11: Select Geographic Region

National Center for Health Statistics Data Online Query System, Data Use Agreement

The Public Health Service Act (42 U.S.C. 242m Section 308(d)) and the E-Government Act of 2002 (44 U.S.C. 3501 note) provide that the data collected by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), under an assurance of confidentiality may be used only for the purpose of health statistical reporting and analysis.

Any effort to determine the identity of any reported case is prohibited by these laws.

NCHS does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the dataset. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information.

As an NCHS DOQS user, I AGREE to:

1. Use the data in this dataset for statistical reporting and analysis only.
2. Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NCHS, of any such discovery.
3. Not link this dataset with individually identifiable data from other NCHS or non-NCHS datasets.

Before you run your first query, you must agree to the NCHS DOQS Data Use Agreement.

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Query Builder for Emergency Department Visits, United States - Estimated Numbers of ED Visits

Step: **1.** | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | 25. | 26. | 27. | 28. | 29. | 30. | 31. | 32. | 33. | 34. | 35. | 36. | 37. | 38. | 39. | 40. | 41. | 42. | 43. | 44. | 45. | 46. | 47. | 48. | 49. | 50. | 51. | 52. | 53. | 54. | 55. | 56. | 57. | 58. | 59. | 60. | 61. | 62. | 63. | 64. | 65. | 66. | 67. | 68. | 69. | 70. | 71. | 72. | 73. | 74. | 75. | 76. | 77. | 78. | 79. | 80. | 81. | 82. | 83. | 84. | 85. | 86. | 87. | 88. | 89. | 90. | 91. | 92. | 93. | 94. | 95. | 96. | 97. | 98. | 99. | 100. |

Step 1: Select Year(s) (2010)

Check as many years as de

☐ All years

2010

2009

☒ 2008

2007

2006

2005

Step 2: Select Age

Step 3: Select Sex

Step 4: Select Race

Step 5: Ethnicity

Step 6: Select Diagnostic and Screening Services Ordered or Provided

Step 7: Select Primary Diagnosis

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment

Step 10: Select Disposition

Step 11: Select Geographic Region

Example 1

It is important to note that Steps 1-12 are only necessary if you want to LIMIT your selections to certain subpopulations. In our example, we want 2008 data for males and females. So, we begin by making selections in Step 1.

Step 1: You can select any or all years of data - the default is the most recent year. If all years are selected, estimated numbers of visits returns cumulative totals, not multi-year averages. Select *2008*.

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Step 4: Select Race

Step 5: Select Ethnicity

Step 6: Select Diagnostic and Screening Service

Step 7: Select Primary Diagnosis

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment

Step 10: Select Disposition

Step 11: Select Geographic Region

Step 12: Select Metropolitan Statistical Area Statistical Area

Step 13: Specify how to display the results

Example 1 (cont.)

Since we want data for both males and females, we don't need to use Step 3 to restrict our selection to one or the other. Instead, just scroll down to Step 13 where you can specify how you would like to display the results of your query.

Step 13: Select *Sex* as the row variable and *Year* as the column variable. The default age group is the 6 standard age groups used in many NCHS reports

Specify how to display the numerical data values.

	Column Values Grouped By: Year
Row Values Grouped By: Sex	Estimated Numbers of ED Visits

Chart Graphic Type:

None

Finish: Submit the defined query



Submit



Reset

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When you are ready, click *Submit* to run the query.



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Output from
Example 1 Query

NCHS Data Online Query System (DOQS)

Query Results for Emergency Department Visits, United States

Query Criteria for the Estimated Numbers of ED Visits Measure

Year Filter: 2008

Data Grouped By: Sex, Year

Data Table of Number of ED Visits (in thousands) by Year and Sex

Sex	Year	
	2008	
Female	67,039	
Male	56,722	
Total	123,761	

Data List

Sex	Year	Number of ED Visits (in thousands)	Standard Error of ED Visits (in thousands)	Lower Confidence Bound	Upper Confidence Bound
Total	Total	123,761	6,968	110,104	137,419
Total	2008	123,761	6,968	110,104	137,419
Female	Total	67,039	3,913	59,370	74,709
Female	2008	67,039	3,913	59,370	74,709
Male	Total	56,722	3,125	50,597	62,848
Male	2008	56,722	3,125	50,597	62,848

Data Notes

- Quantity zero

0.0 Quantity more than zero, but less than 0.05

** Unreliable estimate (sample count is less than 30)

† Unreliable estimate (relative standard error exceeds 30 percent)

The "Unreliable Estimate Flag" column only appears if at least one estimate in your output is unreliable. For more information about NHAMCS data, consult the NHAMCS public use file documentation which can be accessed by returning to the Emergency Department Visits page (via "Begin a New Query") and selecting "Additional Resources" on the left navigation bar.



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Modify Query

Graph It

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Query Results

Query

Year

Data Group

Data Table

Sex

Female

Male

Total

Year

2008

Data List

Sex

Year

Total

Total

Female

Female

Male

Male

Total

2008

2008

2008

2008

2008

2008

2008

2008

You can go back and revise your selections for Steps 1-13 by selecting *Modify Query*.

If you would like to build a new query using a different measure, select *Begin a New Query*.

Data Notes

- Quantity zero

0.0 Quantity more than zero, but less than 0.05

** Unreliable estimate (sample count is less than 30)

† Unreliable estimate (relative standard error exceeds 30 percent)

The "Unreliable Estimate Flag" column only appears if at least one estimate in your output is unreliable. For more information about NHAMCS data, consult the NHAMCS public use file documentation which can be accessed by returning to the Emergency Department Visits page (via "Begin a New Query") and selecting "Additional Resources" on the left navigation bar.



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Emergency Department Visits

Dataset Overview

Emergency department (ED) visit data are from the emergency department component of the National Hospital Ambulatory Medical Care Survey (NHAMCS), which is conducted annually by the National Center for Health Statistics. NHAMCS is a national probability sample of visits to the emergency and outpatient departments of non-institutional general and short-stay hospitals, excluding Federal, military, and Veterans Administration hospitals, located in the 50 states and the District of Columbia. Click on Additional Resources on the left navigation bar for more information.

Basic Measures

Select measure to query

-  [Estimated Numbers of ED Visits](#)
-  [Estimated Percentage Distribution of ED Visits](#)
-  [Estimated Crude Rates of ED Visits](#)
-  [Estimated Age-adjusted Rates of ED Visits](#)

In our second example, we want to find the percent distribution of ED visits for persons under 18 years of age by expected primary source of payment for 2007-2008. Begin by selecting *Estimated Percentage Distribution of ED Visits*.

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Query Builder for Emergency Department Visits, United States - Percent Distribution of ED Visits

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Step 1: Select Year(s) (2010)

Check as many years as desired. Default is most

- ☐ All years
- ☐ 2010
- ☐ 2009
- ☒ 2008
- ☒ 2007
- ☐ 2006
- ☐ 2005

Step 2: Select Age

Step 3: Select Sex

Step 4: Select Race

Step 5: Ethnicity

Step 6: Select Diagnostic and Screening Services Ordered or Provided

Step 7: Select Primary Diagnosis

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment

Step 10: Select Disposition

Step 11: Select Geographic Region

Example 2

Step 1: Select 2007 and 2008 , which will give us a bigger sample size and more reliable estimates.

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Step 1: Select Year(s) (2010)

Step 2: Select Age

Select age groups or build your own. If the resulting estimates are unreliable, especially when selecting narrow age ranges, it may be necessary to reduce sample size.

☐ 6 age groups (Default): This option is used in many NCHS reports.

- ☐ All age groups (Default)
- ☐ Under 15 years
- ☐ 15-24 years
- ☐ 25-44 years
- ☐ 45-64 years
- ☐ 65-74 years
- ☐ 75+ years

☐ 11 age groups: This option emphasizes persons of older ages.

☒ 13 age groups: This option emphasizes persons of younger ages.

- ☐ All age groups
- ☒ Under 1 year
- ☒ 1-4 years
- ☒ 5-9 years
- ☒ 10-14 years
- ☒ 15-17 years
- ☐ 18-19 years
- ☐ 20-24 years
- ☐ 25-34 years
- ☐ 35-44 years
- ☐ 45-54 years
- ☐ 55-64 years
- ☐ 65-74 years
- ☐ 75+ years

☐ Enter up to 6 custom groups, one per box, with ages from 0 to 100. Groups should not overlap. (Example: First box: 0-10, Second box: 11-20, etc.).

Example 2 (cont.)

Step 2: Select the 13 age groups category variable and select all age groups under 18 (i.e. Under 1 year, 1-4 years, 5-9 years, 10-14 years, 15-17 years).

Step 3: Select Sex

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Step 4: Select Race +

Step 5: Ethnicity +

Step 6: Select Diagnostic and Screening Services Ordered or Provided +

Step 7: Select Primary Diagnosis +

Step 8: Select Procedures Performed at the Visit +

Step 9: Select Expected Primary Source of Payment +

Step 10: Select Disposition +

Step 11: Select Geographic Region +

Step 12: Select Metropolitan Statistical Area Status +

Step 13: Specify how to display the results -

Specify how to display the numerical data values



Column Values Grouped By:
None

Row Values Grouped By:
Expected Primary Source of Payment

Chart Graphic Type:

Pie

Finish: Submit the defined query

 **Submit**  **Reset**

Example 2 (cont.)

Step 13: Select *Expected Primary Source of Payment* as the row variable. Note that we are looking for results for ages under 18 as a group, so it is not necessary to select Age Group as a row or column variable. In the *Chart Graphic Type* dropdown menu, select *Pie*.

Click *Submit* when you are finished.

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Output from Example 2 Query

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Expected Primary Source of Payment

Primary Source of Payment	Percentage
Medicaid/SCHIP	45.0%
Private Insurance	35.0%
Uninsured (self-pay or no charge/charity)	10.0%
Unknown/Blank	8.0%
Medicare	1.0%
Workers Compensation	0.5%
Other	0.5%

Expected Primary Source of Payment	Total Percent	Standard Error of Total Percent	Unreliable Estimate Flag	Row percent	Standard Error of Row Percent	Unreliable Estimate Flag	Column Percent	Standard Error of Column Percent	Unreliable Estimate Flag
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Emergency Department Visits

Dataset Overview

Emergency department (ED) visit data are from the emergency department component of the National Hospital Ambulatory Medical Care Survey (NHAMCS), which is conducted annually by the National Center for Health Statistics. NHAMCS is a national probability sample of visits to the emergency and outpatient departments of non-institutional general and short-stay hospitals, excluding Federal, military, and Veterans Administration hospitals, located in the 50 states and the District of Columbia. Click on Additional Resources on the left navigation bar for more information.

Basic Measures

Select measure to query

-  [Estimated Numbers of ED Visits](#)
-  [Estimated Percentage Distribution of ED Visits](#)
-  [Estimated Crude Rates of ED Visits](#)
-  [Estimated Age-adjusted Rates of ED Visits](#)

In our third example, we want to find the annual rate of injury-related ED visits by persons 65 years and over for 2005-2010. Begin by selecting *Estimated Crude Rates of ED Visits*.

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Query Builder for Emergency Department Visits, United States - Estimated Numbers of ED Visits

Step: 1. | 2. | 3. | 4. | 5. | 6. | **7.** | 8. | 9. | 10. | 11. | 12. | 13. | Finish

Step 1: Select Year(s) (2010)

Check as many years as desired. Default is

☒ All years

☐ 2010

☐ 2009

☐ 2008

☐ 2007

☐ 2006

☐ 2005

Step 2: Select Age

Select age groups or build your own. If the resulting estimates are unreliable, especially when selecting narrow age ranges, it may be necessary to run your analysis on multiple years of data to increase sample size.

☒ 6 age groups (Default): This option is used in many NCHS reports.

☐ All age groups (Default)

☐ Under 15 years

☐ 15-24 years

☐ 25-44 years

☐ 45-64 years

☒ 65-74 years

☒ 75+ years

Example 3

Step 1: Select *All years* of data.

Step 2: Select age groups *65-74 years* and *75+ years* from the 6 standard age groups.

Submit the Query
Definition

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Step 7: Select Primary Diagnosis



Select from the pre-defined groups below or enter your own ICD-9-CM codes with "User-Defined Diagnosis Codes".



- ☐ Major Diagnosis Category (MDC): These are chapter headings from the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM).
- ☒ MDC with sub-category: This is a more detailed list developed by NCHS staff



- ☐ Infectious and parasitic diseases
- ☐ Neoplasms
- ☐ Endocrine, nutritional and metabolic diseases, and immunity disorders
- ☐ Diseases of the blood and blood-forming organs
- ☐ Mental disorders
- ☐ Diseases of the nervous system and sense organs
- ☐ Diseases of the circulatory system
- ☐ Diseases of the respiratory system
- ☐ Diseases of the digestive system
- ☐ Diseases of the genitourinary system
- ☐ Complications of pregnancy, childbirth, and the puerperium
- ☐ Diseases of the skin and subcutaneous tissue
- ☐ Diseases of the musculoskeletal system and connective tissue
- ☐ Congenital anomalies
- ☐ Certain conditions originating in the perinatal period
- ☐ Symptoms, signs, and ill-defined conditions
- ☒ Injury and poisoning
 - ☐ All categories
 - ☒ Fractures, excluding lower limb
 - ☒ Fracture of the lower limb
 - ☒ Sprains and strains, excluding ankle and back
 - ☒ Sprains and strains of ankle
 - ☒ Sprains and strains of neck and back
 - ☒ Intracranial injury, excluding those with skull fracture
 - ☒ Open wound of head
 - ☒ Open wound, excluding head

Example 3 (cont.)

Step 7: Select *MDC with sub-category*, then *Injury and Poisoning*, then check the first 11 boxes to get just the injury diagnoses. (Or enter a custom range for Primary diagnosis using the boxes provided.)

☐ Other and unspecified effects of external causes

☐ Complications of surgical and medical care, not elsewhere classified

☐ Supplementary classification of factors influencing health status and contact with health services

☐ Blank and illegible

☐ User-Defined Diagnosis Codes: Enter up to 5 single ICD-9-CM codes, one per box, without decimals (Example: 38200) or up to 5 code ranges, one per box (Example: 38100-38299), or any combination thereof.

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment IS NOT AVAILABLE FOR THIS MEASURE

Step 10: Select Disposition

Step 11: Select Geographic Region IS NOT AVAILABLE FOR THIS MEASURE

Step 12: Select Metropolitan Statistical Area Status IS NOT AVAILABLE FOR THIS MEASURE

Step 13: Specify how to display the results

Specify how to display the numerical data values

Column Values Grouped By:	Sex
Row Values Grouped By:	Year

Chart Graphic Type:

Vertical Bar

Finish: Submit the defined query

Submit

Reset

Example 3 (cont.)

Step 13: Select *Age Group* as the row variable and *Year* as the column variable. Select *Vertical Bar* as the chart graphic type.

When you are finished, click *Submit*.

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NCHS Data Online Query System (DOQS)

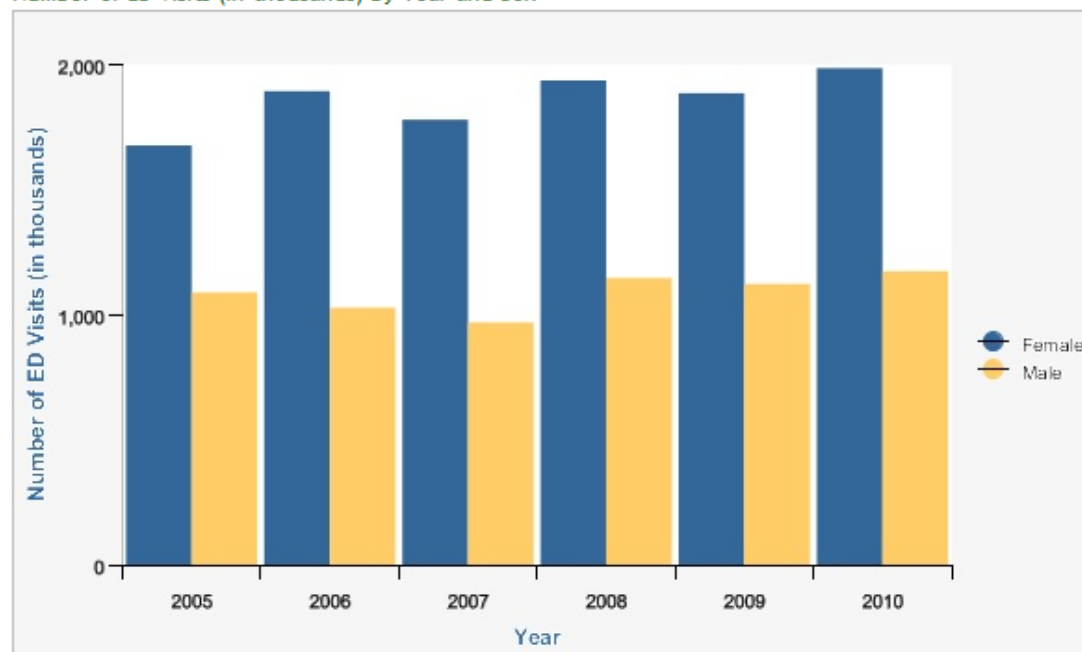
Query Results for Emergency Department Visits, United States

Output from
Example 3 Query

Query Criteria for the Crude Rate of ED Visits per 100 Persons Measure

6 Age groups Filter:	65-74 years, 75+ years
Diag., NCHS 145 Filter:	Fractures, excluding lower limb , Fracture of the lower limb , Sprains and strains, excluding ankle and back , Sprains and strains of ankle , Sprains and strains of neck and back , Intracranial injury, excluding those with skull fracture , Open wound of head , Open wound, excluding head , Superficial injuries , Contusion with intact skin surface , Other injuries
Data Grouped By:	Year, Sex

Number of ED Visits (in thousands) by Year and Sex



Data Table of Number of ED Visits (in thousands) by Sex and Year

Year	Sex		Total
	Female	Male	



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NCHS Data Online Query System (DOQS)

Emergency
Department Visits

Getting Started with ED
Data

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Emergency Department Visits

Dataset Overview

Emergency department (ED) visit data are from the emergency department component of the National Hospital Ambulatory Medical Care Survey (NHAMCS), which is conducted annually by the National Center for Health Statistics. NHAMCS is a national probability sample of visits to the emergency and outpatient departments of non-institutional general and short-stay hospitals, excluding Federal, military, and Veterans Administration hospitals, located in the 50 states and the District of Columbia. Click on Additional Resources on the left navigation bar for more information.

Basic Measures

Select measure to query

-  [Estimated Numbers of ED Visits](#)
-  [Estimated Percentage Distribution of ED Visits](#)
-  [Estimated Crude Rates of ED Visits](#)
-  [Estimated Age-adjusted Rates of ED Visits](#)

In our last example, we want to find the age-adjusted rate of ED visits for chest pain for males and females in 2005 and 2010. Begin by selecting *Estimated Age-adjusted Rates of ED Visits*.

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NCHS Data Online Query System (DOQS)

Submit the Query Definition

Reset to Default Selections

Begin a New Query

Contact Us

Query Builder for Emergency Department Visits, United States - Age-Adjusted Visit Rate per 100 Persons

Step: [1.](#) | [2.](#) | [3.](#) | [4.](#) | [5.](#) | [6.](#) | [7.](#) | [8.](#) | [9.](#) | [10.](#) | [11.](#) | [12.](#) | [13.](#) | [Finish](#)

Step 1: Select Year(s) (2010)

Check as many years as desired. Default is most recent year.

☐ All years

☒ 2010

☐ 2009

☐ 2008

☐ 2007

☐ 2006

☒ 2005

Example 4
Step 1: Select 2005 and 2010.

Step 2: Select Age

Step 3: Select Sex

Step 4: Select Race

Step 5: Ethnicity

Step 6: Select Diagnostic and Screening Services Ordered or Provided

Step 7: Select Primary Diagnosis

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment

Step 10: Select Disposition

Step 11: Select Geographic Region

Submit the Query
Definition

Reset to Default
Selections

Begin a New Query

Contact Us

● MDC with sub-category: This is a more detailed list developed by NCHS staff. Click the Help button to learn more.

- ☐ Infectious and parasitic diseases
- ☐ Neoplasms
- ☐ Endocrine, nutritional and metabolic diseases, and immunity disorders
- ☐ Diseases of the blood and blood-forming organs
- ☐ Mental disorders
- ☐ Diseases of the nervous system and sense organs
- ☐ Diseases of the circulatory system
- ☐ Diseases of the respiratory system
- ☐ Diseases of the digestive system
- ☐ Diseases of the genitourinary system
- ☐ Complications of pregnancy, childbirth, and the puerperium
- ☐ Diseases of the skin and subcutaneous tissue
- ☐ Diseases of the musculoskeletal system and connective tissue
- ☐ Congenital anomalies
- ☐ Certain conditions originating in the perinatal period
- ☒ Symptoms, signs, and ill-defined conditions

- ☐ All categories
- ☐ Syncope and collapse
- ☐ Convulsions
- ☐ Dizziness and giddiness
- ☐ Pyrexia of unknown origin
- ☐ Symptoms involving skin and other integumentary tissue
- ☐ Headache
- ☐ Epistaxis
- ☐ Abnormal heart sounds
- ☐ Dyspnea and respiratory abnormalities
- ☐ Cough
- ☒ Chest pain
- ☐ Symptoms involving the urinary system
- ☐ Abdominal pain
- ☐ Other symptoms, signs and ill defined conditions

Example 4 (cont.)

Step 7: Select *Chest Pain* using the *MDC with sub-category* option. Click on *Symptoms, Signs and Ill-Defined Conditions*, then click on *Chest Pain*.

Submit the Query Definition

Reset to Default Selections

Begin a New Query

Contact Us

☐ Other symptoms, signs and ill defined conditions

☐ Injury and poisoning

☐ Supplementary classification of factors influencing health status and contact with health services

☐ Blank and illegible

☐ User-Defined Diagnosis Codes: Enter up to 5 single ICD-9-CM codes, one per box, without decimals (Example: 38200) or up to 5 code ranges, one per box (Example: 38100-38299), or any combination thereof.

Step 8: Select Procedures Performed at the Visit

Step 9: Select Expected Primary Source of Payment

Step 10: Select Disposition

Step 11: Select Geographic Region

Step 12: Select Metropolitan Statistical Area Status

Step 13: Specify how to display the results

Specify how to display the numerical data values

	Column Values	Row Values
	Sex	
Row Values Grouped By:		
Year		Age-Adjusted

Chart Graphic Type:

Horizontal Bar

Finish: Submit the defined query

 Submit

 Reset

Example 4 (cont.)

Step 13: Select *Year* as the row variable and *Sex* as the column variable. By selecting *Year*, your table will show separate results for 2005 and 2010. If you had not selected *Year*, an estimate reflecting the combination of the two years would be displayed. For *Chart Graphic Type*, select *Horizontal Bar*.

When you are finished, click *Submit*.

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NCHS Data Online Query System (DOQS)

Query Results for Emergency Department Visits, United States

Query Criteria for the Age-Adjusted Visit Rate per 100 Persons Measure

Year Filter:	2010, 2005
Diag., NCHS 145 Filter:	Chest pain
Data Grouped By:	Year, Sex

Output from
Example 4 Query

Modify Query

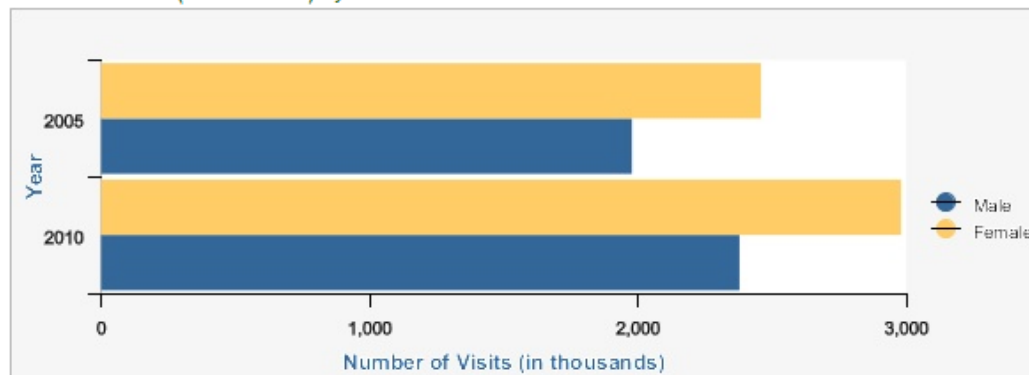
Graph It

Output to Excel

Begin a New Query

Contact Us

Number of Visits (in thousands) by Year and Sex



Data Table of Number of Visits (in thousands) by Sex and Year

Year	Sex		Total
	Female	Male	
2005	2,459	1,978	4,438
2010	2,981	2,379	5,360
Total	5,440	4,358	9,798

Data List

Year	Sex	Number of Visits (in thousands)	Population Estimate (in thousands)	Age-Adjusted Rate of ED Visits per 100 Persons	Standard Error of Rate	Lower Confidence Bound	Upper Confidence Bound
Total	Total	9,798	594,784	1.6	0.1	1.5	1.7



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NCHS Data Online Query

Query Results for Emergency Department Visits, United States

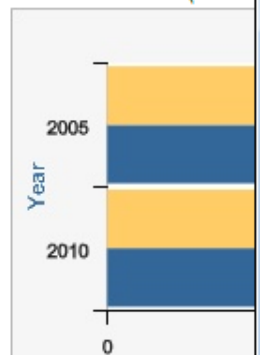
Query Criteria: Age-Adjusted Visit Rate per 100 Persons Measure

Year: 2005

Age, NCHS 145 F

Data Grouped By:

Number of Visits (in thousands)



Once you complete your query, you can save it in Excel by selecting *Output to Excel*.

Modify Query

Graph It

Output to Excel

Begin a New Query

Contact Us

Windows Internet Explorer

What do you want to do with AgeAdjustedRate.xls?

Type: Microsoft Excel 2003
From: aspv-dogs-ndqs1

- Open
The file won't be saved automatically.
- Save
- Save as

Cancel

Data Table of Number of Visits (in thousands) by Sex and Year

Year	Sex		Total
	Female	Male	
2005	2,459	1,978	4,438

You can save the spreadsheet to your hard drive or network, save the data as a CSV file for importing into other statistical software, and take advantage of Excel's expanded graphing capabilities.

Query Criteria for the Age-Adjusted Visit Rate per 100 Persons Measure

Year Filter:

2010

Data Grouped By: Year

Data List

Year	Number of Visits (in thousands)	Population Estimate (in thousands)	Age-Adjusted Rate of ED Visits per 100 Persons	Standard Error of
Total	129,843	303,628	43.2	
2010	129,843	303,628	43.2	

Data Notes

The "Unreliable Estimate Flag" column only appears if at least one estimate in your output is unreliable. For more information about NHAMCS data, can be accessed by returning to the Emergency Department Visits page (via "Begin a New Query") and selecting "Additional Resources" on the left n

Data Sources

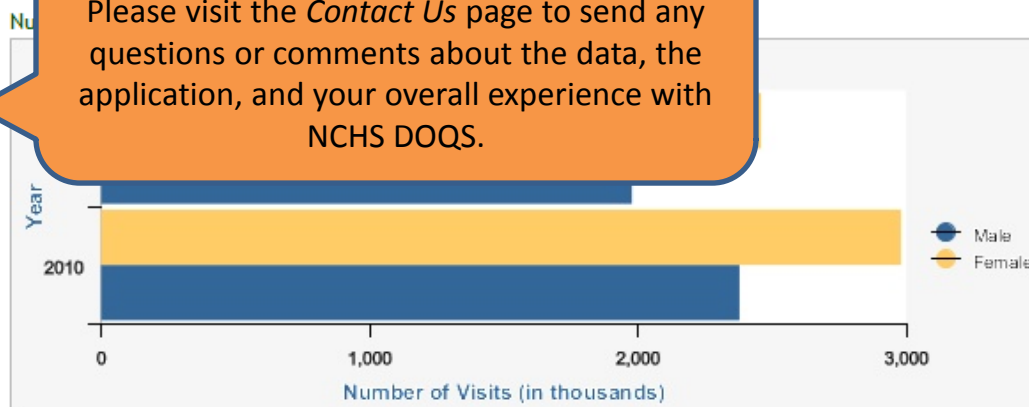


NCHS Data Online Query System (DOQS)

Query Results for Emergency Department Visits, United States

Query Criteria for the Age-Adjusted Visit Rate per 100 Persons Measure

Year Filter:	2010, 2005
Diagnosis	NCHS ICD-9-CM
D	



Data Table of Number of Visits (in thousands) by Sex and Year

Year	Sex		Total
	Female	Male	
2005	2,459	1,978	4,438
2010	2,981	2,379	5,360
Total	5,440	4,358	9,798

Data List

Year	Sex	Number of Visits (in thousands)	Population Estimate (in thousands)	Age-Adjusted Rate of ED Visits per 100 Persons	Standard Error of Rate	Lower Confidence Bound	Upper Confidence Bound
Total	Total	9,798	594,784	1.6	0.1	1.5	1.7

Thank you for using NCHS DOQS!

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Contact Us

For general or technical questions related to using NCHS DOQS for emergency department data queries, or for questions about the National Hospital Ambulatory Medical Care Survey, contact the Ambulatory and Hospital Care Statistics Branch (tel: 301-458-4600) or email NCHSDOQS@cdc.gov. Please also provide any comments or suggestions regarding this new online query system. Your feedback will be used to help us make improvements to the site so that we can meet your data needs in the best way possible.

For general questions about NCHS DOQS or information about the National Center for Health Statistics, please contact:

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Data Online Query System