



IBIS-PH Overview

Utah's Indicator-Based
Information System for
Public Health

(ibis.health.utah.gov)

February 16, 2017

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource
Path: [IBIS-PH](#) » [about](#)

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Welcome to IBIS-PH; Utah's Public Health Data Resource

What's New in IBIS?

- Find your data on the Health Topic tab or directly navigate to Indicator and Query lists on the Advanced User tab
- [What's New in IBIS?](#)
- [News and Updates](#)

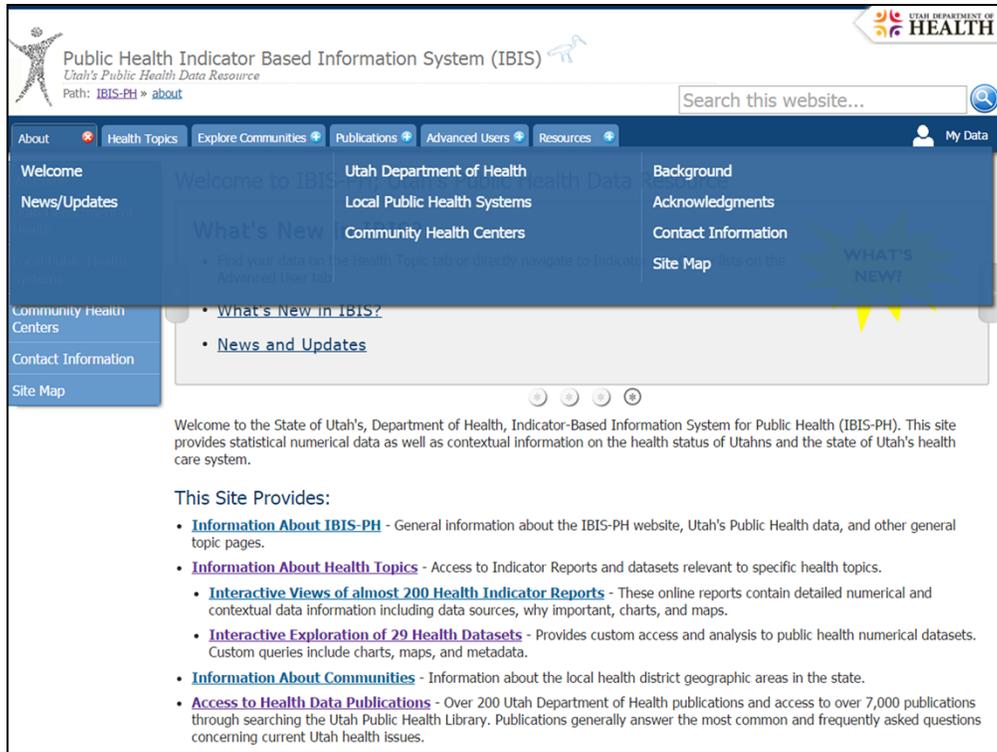
WHAT'S NEW?

Welcome to the State of Utah's, Department of Health, Indicator-Based Information System for Public Health (IBIS-PH). This site provides statistical numerical data as well as contextual information on the health status of Utahns and the state of Utah's health care system.

This Site Provides:

- [Information About IBIS-PH](#) - General information about the IBIS-PH website, Utah's Public Health data, and other general topic pages.
- [Information About Health Topics](#) - Access to Indicator Reports and datasets relevant to specific health topics.
- [Interactive Views of almost 200 Health Indicator Reports](#) - These online reports contain detailed numerical and contextual data information including data sources, why important, charts, and maps.
- [Interactive Exploration of 29 Health Datasets](#) - Provides custom access and analysis to public health numerical datasets. Custom queries include charts, maps, and metadata.
- [Information About Communities](#) - Information about the local health district geographic areas in the state.
- [Access to Health Data Publications](#) - Over 200 Utah Department of Health publications and access to over 7,000 publications through searching the Utah Public Health Library. Publications generally answer the most common and frequently asked questions concerning current Utah health issues.

For today's training, we will go through the various "parts" of the IBIS-PH system. This is the IBIS-PH home page. The Utah Indicator-Based Information System for Public Health (IBIS-PH) web site is designed to provide quick and easy access to information for health policy development and decision-making. It provides important information on the population characteristics, health status, health determinants, and health care systems in Utah.



Top navigation tabs consist of:

- About – general information about the IBIS-PH website and Utah’s public health data
 - News/Updates - provides a listing of the newest items in each area
 - Pages with information about the UDOH, local health systems, and community health centers
 - pages describing the background of the system and acknowledgments of contributors.

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource
 Path: [IBIS-PH](#) > [topic](#)

Utah DEPARTMENT OF HEALTH

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Topics Index
 Health Topics
 Air Quality
 Arthritis
 Asthma/Respiratory
 Births/Maternity
 Brain/Nervous System
 Cancer
 Cardiovascular Disease
 Child Health
 Demographics
 Dental
 Diabetes
 Environment
 Health Insurance/Access to Care
 Hospital/Emergency Services
 Immunizations and Screenings

Utah's Indicator-based Information System for Public Health (IBIS) Topics

How to Find Data and Information on this Site

The "Topics" section organizes IBIS website content into the following categories. Each icon links to a page that contains information for that topic. Along with this information are links to the associated Indicator Reports and Dataset Queries. The Indicator Reports provide graphs, maps, public health context, and data tables. Many of the topic areas have queryable datasets that you can use to create your own tables, charts, and maps. These data query results pages will also have dataset details, including data sources and tips on how data can or cannot be used.

 Air Quality	 Arthritis	 Asthma/ Respiratory	 Births/Maternity	 Brain/Nervous System
 Cancer	 Cardiovascular Disease	 Child Health	 Demographics	 Dental
 Diabetes	 Environment	 Health Insurance/ Access to Care	 Hospital/ Emergency Services	 Immunizations and Screenings

- Health Topics – which organizes the content of the IBIS website into 27 categories.

The screenshot shows the Public Health Indicator Based Information System (IBIS) website. The header includes the Utah Department of Health logo and the text "Public Health Indicator Based Information System (IBIS) Utah's Public Health Data Resource". The breadcrumb path is "Path: IBIS-PH » community » profile". A search bar is located in the top right. The main navigation menu includes "About", "Health Topics", "Explore Communities", "Publications", "Advanced Users", and "Resources". The "Community Snapshot Reports" section is active, with a sub-menu containing "Introduction", "Community Snapshot Report Selector", and "3 Steps to Community Snapshot Reports". A yellow arrow points to the "3 Steps to Community Snapshot Reports" link. Below the navigation, there is a "Usage" section with instructions: "Please select the community type, the community, a set of indicators, and additional report content, below. Then press the Submit button located at the bottom of the page." The main content area is titled "Step 1: Select a Community" and features a radio button for "Local Health District" and a list of communities: Bear River, Central Utah, Davis County, Salt Lake County, Southeast Utah, Southwest Utah, Summit County, Tooele County, TriCounty, and Utah County. Below this are sections for "Step 2: Select a Set of Health Indicators" and "Step 3: Select Additional Information for Your Report". At the bottom, there are "Submit" and "Reset" buttons.

- Explore Communities – which assists users in creating a Community Snapshot Report (will be discussed later in more detail)
- A worksheet is accessible with instructions to create a report (3 Steps to Community Snapshot Reports).

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource

Path: [IBIS-PH](#) » [publications](#)

Search this website...

About Health Topics Explore Communities **Publications** Advanced Users Resources My Data

Introduction
New Publications

Publications Search

OPHA Topical Publications Index
OPHA Chronological Publications Index

Public Health Outcome Measures Report
Utah State Health Assessment Report 2016
Utah's Healthiest People Priorities Report 2015
2012 Statewide Health Status Report
2011 State Health Profile
Utah Health Status Updates
Other UDOH publications

As an example, to find information on adult cigarette smoking just enter 'adult cigarette smoking site:health.utah.gov' in the Google Search box.

Google adult cigarette smoking site:health.utah.gov

Note: Not all UDOH publications are stored directly on the IBIS-PH website. Some are on the UDOH website.

Content updated: January 2016

Center for Health Data and Informatics, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Email: chdata@utah.gov

- Publications –offers different ways to find publications in pdf format.
- From IBIS, users are provided access to several publications from the UDOH, as well as health-related publications from other agencies that are included in the Utah Public Health Library, including the University of Utah and other state agencies.

Public Health Indicator Based Information System (IBIS)
 Utah's Public Health Data Resource
 Path: IBIS-PH » health indicators » index

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Health Indicators
 Alphabetical Index
 Categorized Index

Data Queries
 Indicator Reports
 Secure Data
 My Queries

Apply for Access
 Saved Queries Help

Health Indicator Reports	Health Indicator Report	Published Date
	Activity Limitation	12/10/2014
	Adolescent Births	12/09/2014
	Adverse Events Related to Hospital Inpatient Care	10/20/2014
	Air Quality: Ozone	04/10/2015
	Air Quality: Particulate Matter (PM2.5)	04/10/2015
	Alcohol Consumption - Binge Drinking	07/21/2015
	Alcohol Consumption - Chronic Drinking	01/02/2015
	Alzheimer's Disease	07/03/2013
	Ambulatory Care Sensitive Condition: Bacterial Pneumonia Hospitalization Among Adults	12/08/2014
	Ambulatory Care Sensitive Conditions: Diabetes Hospitalization Among Adults	12/09/2014
	Arthritis - Monitoring Reach of Evidence-based Programs	07/01/2013
	Arthritis Prevalence	11/04/2014
	Arthritis and Activity Limitation	07/08/2013
	Arthritis and Poor Mental Health	04/01/2014
	Asthma Hospitalizations	03/03/2015
	Asthma Management	01/23/2015
	Asthma-related Emergency Department (ED) Visits	07/21/2015

- Advanced Users tab – For users more familiar with the system, there is an area for users to go directly to Indicator Reports, dataset queries, secure queries, or to users own saved queries (more about these later).

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource

Path: [IBIS-PH](#) » [resource](#)

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Help
 Links
 Publications Index
 UDOH Data Sets and Contacts
 Adopting IBIS
 IBIS-PH Community of Practice Website

Contacts
 Adopting IBIS-PH
 IBIS-PH Community of Practice Website

General Query System Help

- [IBIS-PH Query System Tips](#)
- [IBIS-PH Query System Tutorials](#)
- [IBIS-PH Query System Workbook](#)
- [My Queries Help Page](#)
- [Utah Department of Health Data Sets and Contact List](#)

Utah Small Areas

- [Geographic Areas for Health Data](#)
- [Utah Small Area Changes Summary](#)
- [Utah Small Area Boundary Definitions](#)
- [Utah Small Area Methodology Paper](#)

Graphics

- [IBIS-PH Graphic Display Preference](#)
- [Instructions for downloading the Adobe SVG Viewer](#)
- [Copy/Paste procedure for IBIS-PH graphics into Powerpoint](#)

Calculations and Statistics

- [Counts, Computing Rates and Age Adjustment](#)
- [Report of Guidelines for Data Result Suppression Age Adjustment Weights](#)

- Resources – help page and other useful links.
 - Help page - Query System Tips, tutorials, and a workbook, information about Utah Small Areas, information on calculations and statistics, measure definitions, ICD codes, Survey questionnaires, etc.

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource
Path: [IBIS-PH](#) » [topic](#)

Utah DEPARTMENT OF HEALTH

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Topics Index
Health Topics
Air Quality
Arthritis
Asthma/Respiratory
Births/Maternity
Brain/Nervous System
Cancer
Cardiovascular Disease
Child Health
Demographics
Dental
Diabetes
Environment
Health Insurance/Access to Care
Hospital/Emergency Services
Immunizations and Screenings

Utah's Indicator-based Information System for Public Health (IBIS) Topics

How to Find Data and Information on this Site

The "Topics" section organizes IBIS website content into the following categories. Each icon links to a page that contains information for that topic. Along with this information are links to the associated Indicator Reports and Dataset Queries. The Indicator Reports provide graphs, maps, public health context, and data tables. Many of the topic areas have queryable datasets that you can use to create your own tables, charts, and maps. These data query results pages will also have dataset details, including data sources and tips on how data can or cannot be used.

Air Quality	Arthritis	Asthma/Respiratory	Births/Maternity	Brain/Nervous System
Cancer	Cardiovascular Disease	Child Health	Demographics	Dental
Diabetes	Environment	Health Insurance/Access to Care	Hospital/Emergency Services	Immunizations and Screenings

The most common way to find information on IBIS is through the topics tab. Once you select a topic...

Topics Index	Arthritis
Health Topics	Description
Air Quality	Arthritis includes more than 100 different rheumatic diseases and conditions, the most common of which is osteoarthritis. Other forms of arthritis that occur often are rheumatoid arthritis, lupus, fibromyalgia, and gout. Symptoms include pain, aching, stiffness, and swelling in or around the joints. Some forms of arthritis, such as rheumatoid arthritis and lupus, can affect multiple organs and cause widespread symptoms.
Arthritis	Arthritis is more common among adults aged 65 years or older, but people of all ages (including children) can be affected. Nearly two-thirds of people with arthritis are younger than 65. Arthritis is more common among women (26%) than men (19%) in every age group, and it affects members of all racial and ethnic groups. Arthritis is also more common among adults who are obese than among those who are normal weight or underweight.
Asthma/Respiratory	Why It's Important
Births/Maternity	What Is Known
Brain/Nervous System	Who Is at Risk
Cancer	How To Reduce Risk
Cardiovascular Disease	How It's Tracked
Child Health	Indicator Reports (data tables, maps, charts, more detailed information)
Demographics	<ul style="list-style-type: none"> Arthritis - Monitoring Reach of Evidence-based Programs Arthritis and Activity Limitation Arthritis and Poor Mental Health Arthritis Prevalence
Dental	Queryable Datasets
Diabetes	Arthritis - Adults (BRFSS) <ul style="list-style-type: none"> Doctor-diagnosed Arthritis - Crude Rates Doctor-diagnosed Arthritis - Age-adjusted Rates
Environment	Publications
Health Insurance/Access to Care	FAQs and Resources
Hospital/Emergency Services	
Immunizations and Screenings	
Infectious Disease	
Injury and Violence	
Mental Health	
Mortality	
Nutrition	

You will see a description of that topic category, and information regarding why it is important, what is known about it, who is at risk, how to reduce the risk, and how we track information related to that topic.

You will also see a list of Indicator Reports related to that topic as well as links to queryable datasets, publications, and FAQs and Resources.

Note that the currently only links to the “Quick Selection” query modules are displayed here on the topics page. Also, publications back through 2015 are currently listed. Eventually, we will link to all publicly available query modules as well as all publications that are housed in IBIS.



IBIS Indicator Reports

- ⦿ Allows users to view a report of data that have already been tabulated.
- ⦿ For more novice users, easier, more user-friendly.
- ⦿ Prepared health data reports with different views, not a query system.
- ⦿ Displays most requested and useful views of information

An indicator report gives a brief overview of a specific public health issue in Utah. This allows users to view a pre-tabulated report in a uniform template, which is easier and more user-friendly than a query system.

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource

Path: IBIS-PH > health indicators > index > report

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Important Facts
Data Views
Related Indicators
Available Services
Other Resources & Links
Full Report

Health Indicator Report of Alzheimer's Disease

Why Is This Important?

Alzheimer's disease is the most common form of dementia in older adults and is one of the top ten leading causes of death in the United States. Alzheimer's is a devastating disease that impacts the part of the brain that controls memory, thought, behavior, and language. The causes of the disease are not well understood and there is currently no cure. Symptoms usually develop slowly and worsen over time, eventually becoming severe enough that carrying out daily activities is difficult. An estimated 5.2 million Americans currently have the disease. Alzheimer's also has serious financial implications with estimated direct costs of the disease totaling \$150 billion in 2014.^{1,2}

1. CDC - Healthy Brain Initiative: Alzheimer's Disease - Aging. Available at: <http://www.cdc.gov/aging/aginginfo/alzheimers.htm>.
2. Alzheimer's Association, 2012 Alzheimer's Disease Facts and Figures, Alzheimer's & Dementia, Volume 10, Issue 2. Available at: https://www.alz.org/downloads/facts_figures_2014.pdf.

Chart

Alzheimer's Disease Deaths, Utah and U.S., 1999-2014

Year	Utah (Adjusted Rate per 100,000)	U.S. (Adjusted Rate per 100,000)
1999	17.5	17.5
2000	24.0	18.5
2001	21.5	19.5
2002	20.5	20.5
2003	23.5	22.5
2004	24.0	23.5
2005	22.5	24.5
2006	23.5	26.0
2007	22.5	24.5
2008	22.5	24.5
2009	20.0	25.5
2010	19.5	25.5
2011	20.5	24.5
2012	20.5	24.5
2013	19.5	24.0
2014	27.0	24.0

Each Indicator Report has a default chart that comes up on the initial view along with a message on why it is an important construct in public health.

Each indicator has a default graph/chart that comes up on the indicator main page and a message on why it is an important construct in public health.

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource

UTAH DEPARTMENT OF HEALTH

- Why Is This Important? 
- Chart 
- Data Table 
- Data Notes 
- Other Views 
- Health Indicator Definition 
- Health Objectives and Targets 
- Current Outlook 
- Health Improvement 



Additional contextual information for this Indicator Report are available on this page in collapsible boxes. Each area can be expanded or contracted with the plus/minus sign on the right end of the header.

Alzheimer's Disease Deaths, Utah and U.S., 1999-2014					
Utah vs. U.S.	Year	Age-adjusted Rate per 100,000	Lower 95% CI	Upper 95% CI	
Utah					Sort Ascending Sort Descending Columns Filter
Utah	1999		17.7	15.6	20.1
Utah	2000		23.4	21.0	26.0
Utah	2001		21.0	18.8	23.5
Utah	2002				22.3
Utah	2003				23.7
Utah	2004				25.9
Utah	2005				24.5
Utah	2006				24.9
Utah	2007				24.2
Utah	2008				24.6
Utah	2009				21.5
Utah	2010		19.1	17.2	21.2
Utah	2011		20.0	18.0	22.0
Utah	2012		19.8	17.9	21.8
Utah	2013		19.3	17.5	21.3
Utah	2014		26.7	24.6	29.0
U.S.					
U.S.	1999		16.5	16.3	16.6
U.S.	2000		18.0	17.9	18.2
U.S.	2001		19.3	19.1	19.5
U.S.	2002		20.8	20.7	21.0
U.S.	2003		22.1	21.9	22.2
U.S.	2004		22.6	22.4	22.8
U.S.	2005		24.0	23.8	24.2
U.S.	2006		23.7	23.5	23.9
U.S.	2007		23.8	23.7	24.0
U.S.	2008		25.8	25.6	26.0
U.S.	2009		24.3	24.0	24.4

The data table can be sorted, filtered, and customized by the end user. Changes made to the data table will also be reflected in the graph.

Health Indicator Report of Chlamydia Cases

- Why Is This Important?
- Chart
- Data Table
- Data Notes

Notes
Rates were calculated by dividing the number of cases for each year by the total population within that year and multiplying by 100,000. Prior to 2009, Utah rates were calculated using the morbidity report date; effective 2009, rates were calculated using the date of diagnosis.

Data Sources

- Utah Department of Health, Bureau of Epidemiology
- National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention
- Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2015

Data Interpretation Issues
Reported chlamydia rates are calculated by dividing the number of cases within the population of interest by the total number of persons within that population, then multiplying by 100,000. It should be noted that rates within small populations are volatile; a small change in the number of cases can noticeably change the rate. This change may look significant, but, statistically, it may not be. Caution is strongly recommended when interpreting small case numbers and rates.

- Other Views
- Health Indicator Definition
- Health Objectives and Targets
- Current Outlook

Data notes include footnotes to the graph/table, data sources, and data interpretation issues

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource

UTAH DEPARTMENT OF HEALTH

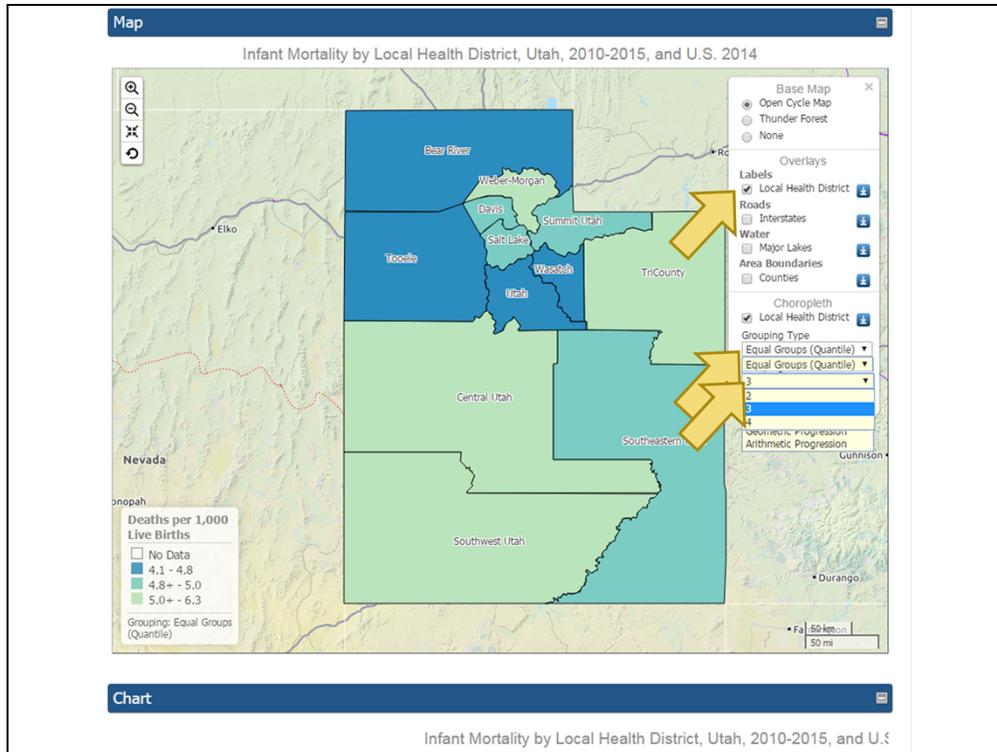
Health Indicator Report of Alzheimer's Disease

- Why Is This Important?
- Chart
- Data Table
- Data Notes
- Other Views
 - [by Local Health District, Utah, 2012-2014](#)
 - [by Age Group, Utah, 2010-2014](#)
- Health Indicator Definition
- Health Objectives and Targets
- Current Outlook
- Health Improvement

Page Content Updated On 12/30/2015, Published on 12/31/2015

Center for Health Data and Informatics, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Email: chdata@utah.gov

The Other views section lists other graphical views for the current measure.



Vies by geography may display a map of the data in a section before the chart and data table. The map is also interactive. When hovering over an area, a pop-up box with information for that area will be displayed. Also, users may choose from a selection of overlays like labels, roads, lakes, and county boundaries.

Oftentimes, users will also be able to change the grouping type and number of groups.

Health Indicator Definition

Definition
The rate of death from Alzheimer's disease (ICD-10 code G30) per 100,000 persons.

Numerator
Number of deaths due to Alzheimer's disease (ICD-10 code G30).

Denominator
Total number of persons in the population of Utah or U.S. for a given time period.

Health Objectives and Targets

Healthy People Objective DIA-1:
Increase the proportion of adults aged 65 years and older with diagnosed Alzheimer's disease and other dementias, or their caregiver, who are aware of the diagnosis
U.S. Target: 38.3 percent

Other Objectives
Related to the following Healthy People 2020 Objectives:

- DIA-1: Increase the proportion of adults aged 65 years and older with diagnosed Alzheimer's disease and other dementias, or their caregiver, who are aware of the diagnosis.
U.S. Target: 38.3 percent
- DIA-2: Reduce the proportion of preventable hospitalizations in adults aged 65 years and older with diagnosed Alzheimer's disease and other dementias.
U.S. Target: 22.8 percent

Current Outlook

How Are We Doing?
In 2014, 584 people in Utah died of Alzheimer's Disease, a crude rate of 19.8 deaths per 100,000 population. The age-adjusted rate was 26.7 deaths per 100,000 population. The age-specific death rate rises from 2.8 deaths per 100,000 adults aged 55-64 to 335.7 deaths per 100,000 adults aged 75+. Because Alzheimer's is a disease of older people and Utah has a lower percentage of its population in the older age groups, it is important to use age-adjusted rates when comparing to the U.S. as a whole, and to other states.

On average, there are about 150 hospitalizations for Alzheimer's disease in Utah each year.

How Do We Compare With the U.S.?
In 2013 the latest year with comparable U.S. data, Utah's age-adjusted annual mortality rate due to Alzheimer's (19.3 per 100,000) was lower than the U.S. age-adjusted rate (23.5 per 100,000). Utah's rate has been lower than that of the U.S. as a whole since 2005.

Health objectives and targets will include a HP2020-related objective, if there is one, as well as list any other relevant objectives.

The Current outlook includes contextual information about “How we are doing” as a state and “How we compare to the U.S.”

What Is Being Done?

A Coordinating Council with representatives from other state and local government agencies, business and community partners, and patients and caregivers will use a unified approach to 1) mobilize the resources needed to raise broad public awareness of Alzheimer's disease and related dementias, 2) coordinate resources and support for caregivers, 3) advocate and improve the competency of the dementia care workforce, and 4) collaborate with Department of Health programs that address prevention and managing lifestyle behaviors and conditions related to Alzheimer's and dementia.

Evidence-based Practices

Dementia Dialogues- A basic practical training course leading to a Dementia Specialist Certificate
Dealing with Dementia: A caregiver's guide

Available Services

IN UTAH:

DIVISION OF AGING AND ADULT SERVICES
UTAH DEPARTMENT OF HUMAN SERVICES
195 North 1950 West, Salt Lake City, Utah 84116
PHONE: 801-538-3910
TOLL FREE: 1-877-424-4640
FAX: 801-538-4395
Website: <http://hsdaas.utah.gov>

Local Area Agencies on Aging have been designated to cover geographic regions of the state of Utah and are charged with the responsibility of providing a comprehensive array of services to, and advocating for, the needs of seniors residing in their areas.
<https://www.agingcare.com/local/Utah-Department-of-Human-Services-Division-of-Aging-Adult-Services-Salt-Lake-City-Area-Agency-on-Agi>

NATIONAL RESOURCES: Alzheimer's disease resources and information can be found on the following websites:

Alzheimer's Association
<http://www.alz.org/>
Utah Chapter
<http://www.alz.org/utah/index.asp>

CDC Features- Alzheimer's Disease
<http://www.cdc.gov/Features/Alzheimers/>

National Institute on Aging- Alzheimer's Disease Education and Referral Center
<http://www.nia.nih.gov/Alzheimers>

Health Program Information

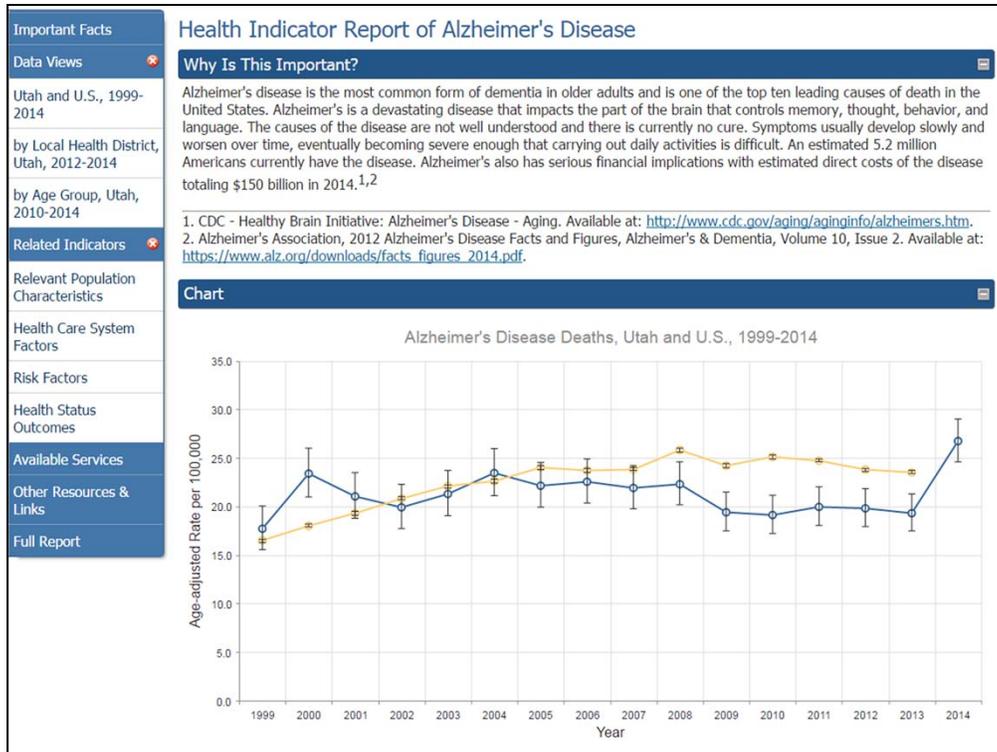
Free resources for individuals and families impacted by Alzheimer's disease are available from the Alzheimer's Association toll-free 24/7 Helpline at 1-800-272-3900 or by visiting <http://alz.org/utah>.

Alzheimer's Disease Education and Referral (ADEAR) Center, 1-800-438-4380, <https://www.nia.nih.gov/alzheimers>

Page Content Updated On 12/30/2015, Published on 12/31/2015

Center for Health Data and Informatics, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Email: chdata@utah.gov

Health Improvement resources contains contextual information about things that are being done to address the issue and evidence-based practices. Users will also find information about services that are available as well as information about the UDOH program responsible for the Indicator. Contact information for that program can be found in the footer of the Indicator.



The menu on the left also helps you navigate to important information, which is a page with all of the contextual information (text fields).

Links to the other data views can also be found on this menu.

One thing on this menu that is not available on the default page is the link to related Indicators.

Important Facts	Relevant Population Characteristics for Arthritis Prevalence
Data Views	Relevant Population Characteristics
Related Indicators	The population characteristic most relevant to arthritis is the age distribution of the population. As the Utah population ages, a greater percentage of Utahns will be at risk for developing arthritis.
Relevant Population Characteristics	Related Relevant Population Characteristics Indicators: <ul style="list-style-type: none"> • Utah Population Characteristics: Age Distribution of the Population
Important Facts	Health Care System Factors for Arthritis Prevalence
Data Views	Health Care System Factors
Related Indicators	Utah's aging population is likely to lead to an increase in the prevalence of arthritis that will have dramatic consequences in terms of disability and health care expenditures. Access to health care is still a problem for many Utahns. Individuals who cannot obtain needed health care tend to have higher rates of death and disability from chronic disease. Cost is the most commonly reported barrier to getting needed health care.
Relevant Population Characteristics	Many physicians are leaving practices for a number of reasons, and enrollment in medical schools has dropped. Inevitably this will
Health Care System Factors	
Important Facts	Risk Factors for Arthritis Prevalence
Data Views	Risk Factors
Related Indicators	The prevalence of arthritis increases with age. Females are more likely to report arthritis than males. White, non-Hispanic individuals are more likely to report arthritis than Hispanic persons. Being overweight or obese is also a risk factor. Specific genes are associated with a higher risk of certain types of arthritis, such as rheumatoid arthritis (RA), systemic lupus erythematosus (SLE), and ankylosing spondylitis.
Relevant Population Characteristics	
Important Facts	Health Status Outcomes for Arthritis Prevalence
Data Views	Health Status Outcomes
Related Indicators	In 2013, 28.6 percent of Utah adults with arthritis reported being in fair or poor health, and 32.0 percent reported experiencing seven or more days in the last month when their physical health was not good.
Relevant Population Characteristics	Related Health Status Outcomes Indicators: <ul style="list-style-type: none"> • Fair/Poor Health • Health Status: Mental Health Past 30 Days • Health Status: Physical Health Past 30 Days
Health Care System Factors	
Risk Factors	
Health Status Outcomes	Utah Arthritis Program, Bureau of Health Promotion, Division of Disease Control and Prevention, Utah Department of Health, PO Box 142107, Salt Lake City, UT 84114-2107, Telephone: 801-538-9458, Fax: 801-538-9495, Website: http://health.utah.gov/arthritis , E-mail: rtanner@utah.gov or acarolan@utah.gov

The “related indicator” pages allow users to see how the current indicator might be related to other indicators that have been published on IBIS.

There are four possible Related Indicators pages:

- Relevant Population Characteristics
- Health Care System Factors
- Risk Factors
- Health Status Outcomes

-Each of these pages provide links to the related indicator(s) as well as some text about the relation.

The screenshot shows the Public Health Indicator Based Information System (IBIS) website. The header includes the Utah Department of Health logo and the text "Public Health Indicator Based Information System (IBIS) Utah's Public Health Data Resource". A search bar is present with the text "Search this website...". Below the header is a navigation menu with items: About, Health Topics, Explore Communities, Publications, Advanced Users, Resources, and My Data. The main content area is titled "More Information and References for Alzheimer's Disease" and includes a sub-section "References and Community Resources" with three numbered references. A yellow arrow points to the "Other Resources & Links" link in the left sidebar. Below the references, there is a section titled "More Resources and Links" which provides evidence-based community health improvement ideas and lists several links: The Guide to Community Preventive Services, Health Indicators Warehouse, County Health Rankings, and Healthy People 2020 Website. It also lists additional indicator data sources: Health Indicators Warehouse, County Health Rankings, Kaiser Family Foundation's StateHealthFacts.org, and CDC WONDER's DATA2010. Medical literature can be queried at the PubMed website, and an on-line medical dictionary link is provided.

The Other Resources & Links page lists other places where more information can be found for this indicator. This would include links to national websites or other related publications.

There is also a section on this page that is the same for all indicators that has links to some health data resources

- Health Indicators Warehouse
- County Health Rankings
- Healthy People 2020, etc.

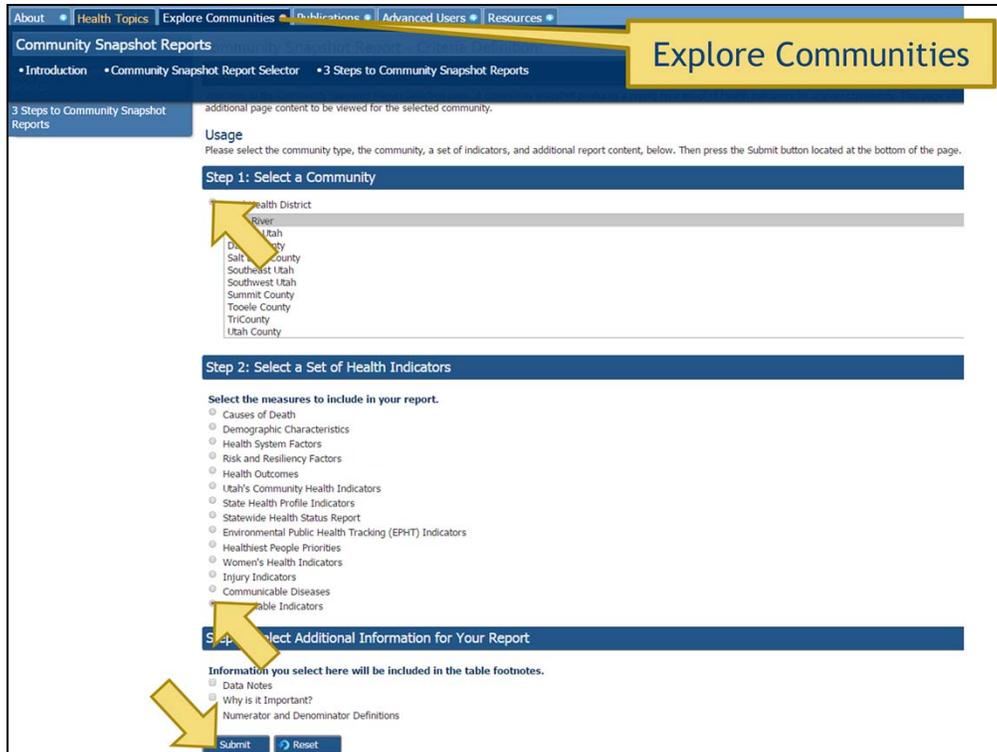
 Public Health Indicator Based Information System (IBIS) 
Utah's Public Health Data Resource

 HEALTH

Community Snapshot Reports

- Dynamic summary tables and footnotes
- Use existing IBIS Indicator Reports
- Display data for a community
- Comparison data for state and U.S. where available

Community Snapshot Reports use the data from the Indicator Reports from the geographical views. They were designed so that instead of looking for a particular measure, a user could select a geography and view data available for that geography.



This is what the community snapshot builder page looks like—similar to an IBIS query—only it uses data from the already published Indicator Reports.

In the community section, the user may select from the list of LHDs. Right now, LHDs is the only community type available, but we plan to develop other communities such as Utah Small Areas.

Step 2 asks the user to select from a set of health indicators: Leading causes of death, Demographic characteristics, Lifestyle risk factors, Utah’s community health indicators, Environmental Public Health Tracking Network, etc., or All available indicators

By default, certain fields are included in the table footnotes for each indicator: Definition, Data sources, and Date indicator content last updated. Step 3 allows users to select some additional details for each indicator: Why is it important, Numerator and denominator definitions, and Data Notes. In this example, we have just left it set to the default. When we have finished “building” our request, we click submit

Community Snapshot for Bear River Local Health District - All Available Indicators

Overview

Overview
 This Community Snapshot Report by local health district provides information for the selected Utah local health district indicated above. It also provides confidence intervals for the measures included, and the Utah and U.S. values of the same measures when they are available. This report only includes Indicators that include a graphical view by local health district.

Clicking on the highlighted, hypertext indicator name in the table will take you to the online indicator report page for that measure.

All Available Indicators
 The Community Snapshot Report below includes information from all the Indicators that have a graphical view by the selected community.

Key to Symbols

- * For information on confidence intervals, see <http://health.utah.gov/opha/IBIShelp/ConfInts.pdf>.
- ** Data suppressed
- ✓ The community is performing BETTER than the state, and the difference is statistically significant.
- ≈ The community value is the same or ABOUT THE SAME as the state. Differences are not statistically significant.
- ! The community is performing WORSE than the state, and the difference is statistically significant.
- Either the comparison value or confidence interval data are not available.
- n/a Not Applicable: This indicator has no target direction.

The community value is considered statistically significantly different from the state value if the state value is outside the range of the community's 95% confidence interval. If the community's data or 95% confidence interval information is not available, a blank image will be displayed with the message, "missing information."

NOTE: In this report, the assessment of whether a community is better or worse is based solely on the statistical difference between the community and state values. When selecting priority health issues to work on, a community should take into account additional factors such as how much improvement could be made, the U.S. value, the statistical stability of the community number, and the severity of the health condition, and whether the difference is clinically significant.

Indicator	Community Data			Comparison Values	
	Count/ Rate	Confidence Interval*	Compared to Utah	Utah	U.S.
Coronary Heart Disease Deaths, 2013-2015 (Age-adjusted Rate per 100,000 Population)	67.9	(60.0 - 76.4)	≈	73.3	--
The rate of coronary heart disease-related deaths per 100,000 population.					
Heart Disease Deaths, 2011	147.4	(126.6 - 170.6)	≈	139.3	--

The result page will look something like this. A table will be provided listing each of the available indicators in the indicator set for the community you selected, along with their values, confidence limits, and state and U.S. comparisons where available.

Notice that at the top of the page, the title indicates which community and indicator set have been selected.

Introductory text that includes an overview of the Snapshot and a general description of the Indicator set included in the report.

Each of the indicators are depicted in the table rows. The first column lists the indicator, along with the type of measure, and a definition of the measure.

Each indicator listed will have the data point for the selected health district for that measure along with the confidence intervals and an indication of whether or not it is statistically different than the state.

Utah and U.S. data are also included when available.

Notice that the title of each row is hypertext. Clicking on this will take you to the LHD view for that indicator.

Table Footnotes

[Coronary Heart Disease \(CHD\) Deaths](#)

- **Data Sources.** Utah Death Certificate Database, Office of Vital Records and Statistics, Utah Department of Health
Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2015
- **Date Indicator Content Last Updated.** 12/28/2016

[Heart Disease Deaths](#)

- **Data Sources.** Utah Death Certificate Database, Office of Vital Records and Statistics, Utah Department of Health
Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2011
- **Date Indicator Content Last Updated.** 07/23/2013

[Stroke \(Cerebrovascular Disease\) Deaths](#)

- **Data Sources.** Utah Death Certificate Database, Office of Vital Records and Statistics, Utah Department of Health
Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2015
- **Date Indicator Content Last Updated.** 12/14/2016

[Cancer Deaths](#)

- **Data Sources.** Office of Vital Records and Statistics, Utah Department of Health
Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2014
U.S. Cancer Statistics: WONDER Online Database. United States Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute. Accessed at [http://wonder.cdc.gov/cancer.html]
- **Date Indicator Content Last Updated.** 01/04/2016

[Breast Cancer Deaths](#)

- **Data Sources.** Utah Death Certificate Database, Office of Vital Records and Statistics, Utah Department of Health
Population Estimates: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2014
- **Date Indicator Content Last Updated.** 11/05/2015

The table footnotes include the data sources and date indicator content last updated date by default, and any other items selected in Step 3 on the builder page. Again, clicking on the indicator title here takes you to the LHD view of that indicator.



Publications

- Typically Adobe Acrobat PDF files
- Publication Search Page
- Organized by Topic
- Organized Chronologically
- High-level Reports Highlighted

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource
Path: IBIS-PH > publications

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Introduction
Contents and Usage

Publications Index
OPHA Topical Publications Index
OPHA Chronological Publications Index

Public Health Outcome Measures Report
2011 State Health Profile
2012 Statewide Health Status Report
Utah's Healthiest People Priorities Report
Other UDOH publications

Publications Index
Other UDOH publications

Select search: General Keyword
Search term: Search

Search just the UDOH website using a browser:

In Google, for instance, search the UDOH website by including 'site:health.utah.gov' after your search terms.

As an example, to find information on adult cigarette smoking just enter 'adult cigarette smoking site:health.utah.gov' in the Google Search box.

Google adult cigarette smoking site:health.utah.gov

Note: UDOH publications are not directly stored on the IBIS-PH website. They are on the UDOH website.

Content updated: February 2013

Center for Health Data and Informatics, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Email: chdata@utah.gov

- Publications –offers different ways to find publications in pdf format.

Publications Index By Topic

This page contains a topical index of the Office of Public Health Assessment publications. The drop down list box will enable you to directly jump to that section of the index which lists those publications associated with that topic. Click on the publication's title link to go directly to the publication. To return to the top, click on "back to the top" link which is located on the right side of the blue bars. A [Chronological Publications List](#) is also available.

Index:		Published Date
Adolescent Health	Outcome Measures Report	(dynamic, perpetually updated)
Adolescent Health	back to top	
Adolescent Health		January 2017
Adolescent Health	People in the Nation--Progress Review	December 2016
Adolescent Health	Utah Youth - 2015	September 2016
Adolescent Health		June 2016
Adolescent Health		March 2016
Adolescent Health	Trends, 2016-2020	January 2016
Adolescent Health	Suicide Rates Is Increasing Significantly in Most of Utah's	January 2016
Adolescent Health	Suicide Among School Students	June 2015
Adolescent Health	Health Status Update: Risk and Protective Factors for Youth Suicide	February 2015
Adolescent Health	Utah's Healthiest People Priorities Report	January 2015
Adolescent Health	Health Status Update: HPV Immunization	January 2015
Adolescent Health	Health Status Update: School Health Policies and Implementation	November 2014
Adolescent Health	Health Status Update: Utahns, Becoming the Healthiest People in the Nation	May 2014
Adolescent Health	Health Status Update: Results of Utah's 2009 Youth Risk Behavior Survey	December 2009

OPHA Topical Publications Index

Chronological Index of Publications

This page contains a chronological index of the Office of Public Health Assessment publications. The year links allow you to directly jump to that section of the index which lists those publications published in that year. Click on the publication's title link to go directly to the publication. To return to the top, click on "back to the top" link which is located on the right side of the blue bars. A [Topical Publications List](#) is also available.

Index: [2017](#) | [2016](#) | [2015](#) | [2014](#) | [2013](#) | [2012](#) | [2011](#) | [2010](#) | [2009](#) | [2008](#) | [2007](#) | [2006](#) | [2005](#)

Publication Title	Published Date
DOH Report to the Legislature: Public Health Outcome Measures Report	(dynamic, perpetually updated)
2017	back to top
Special Edition Health Status Update: 2015-2016 Oral Health Status of Utah Children	January 2017
Health Status Update: Eating Disorders Among Adolescents	January 2017
Breaking News: Prediabetes	January 2017
Community Health Spotlight: Showcase of Usability of Utah All Payer Claims Data (APCD)	January 2017
2016	back to top
Special Edition Health Status Update: Four Corners States Biomonitoring Consortium	December 2016
Special Edition Breaking News: Harmful Algal Blooms	December 2016
Special Edition Community Health Spotlight: Pregnancy Intention - Survey Response Options	December 2016
Health Status Update: Utahns, Becoming the Healthiest People in the Nation--Progress Review	December 2016
Breaking News: Updated Utah Air Quality School Recess Guidance	December 2016
Community Health Spotlight: Improving Health for All Utahns: Developing the Health Improvement Plan	December 2016
Health Status Update: Prescribing Practice in Utah	November 2016
Breaking News: Fentanyl and Naloxone	November 2016
Community Health Spotlight: Syringe Exchange Programs	November 2016
Summary of 2015 Health Insurance Analysis from the Behavioral Risk Factor Surveillance System (BRFSS)	November 2016

OPHA Chronological Publications Index

Public Health Indicator Based Information System (IBIS)
Utah's Public Health Data Resource
Path: IBIS-PH > publications

Search this website...

About Health Topics Explore Communities Publications Advanced Users Resources My Data

Introduction
Contents and Usage

Publications Index
OPHA Topical Publications Index
OPHA Chronological Publications Index

Public Health Outcome Measures Report
2011 State Health Profile
2012 Statewide Health Status Report
Utah's Healthiest People Priorities Report
Other UDOH publications

Search for UDOH publications

Select search: General Keyword
Search term: Search

Search just the UDOH website using a browser:

In Google, for instance, search the UDOH website by including 'site:health.utah.gov' after your search terms.

As an example, to find information on adult cigarette smoking just enter 'adult cigarette smoking site:health.utah.gov' in the Google Search box.

Google adult cigarette smoking site:health.utah.gov

Note: UDOH publications are not directly stored on the IBIS-PH website. They are on the UDOH website.

Content updated: February 2013

Center for Health Data and Informatics, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Email: chdata@utah.gov

- High-level Reports Highlighted
- The PHOM report is the UDOH's annual report to the legislature. It used to be a printed report, but now it is completely online, using the IBIS indicator reports. The PHOM uses a special format of ~100 Priority Utah Public Health Indicators determined by UDOH staff as part of the UDOH Healthy People initiative. The report also includes introductory information and a table of contents, and users can "page" through the report.