

## Cancer in Utah

# Lung and Bronchus

<i>Summary</i>	Male		Female	
	Utah 1996-2000	US 1996-98	Utah 1996-2000	US 1996-98
Average annual age-adjusted incidence rates*	42.5	85.1	22.6	51.7
Rank among cancer incidence rates	3	2	4	2
Average annual number of new cases	278	97,090	181	77,220
Percent of all new cancer cases	8.5 %	15.0 %	6.2 %	12.2 %
Lifetime risk of this cancer (00-79 years)	1 in 21	1 in 11	1 in 40	1 in 17
Average annual age-adjusted mortality rates*	37.7	80.4	17.9	41.1
Rank among cancer mortality rates	1	1	2	1
Average annual number of deaths	240	90,907	144	62,002
Percent of all cancer deaths	20.1 %	32.2 %	13.5 %	23.9 %
* Rates per 100,000 and standardized to the 2000 U.S. population				

Incidence rates for lung cancer in Utah are among the lowest in the nation and reflect low rates of tobacco use in the State. Declining incidence rates of lung cancer in men since the mid-1980's are due to earlier drops in cigarette consumption. However, increasing lung cancer incidence rates among women reflect growing use of tobacco among women in Utah and in the United States.

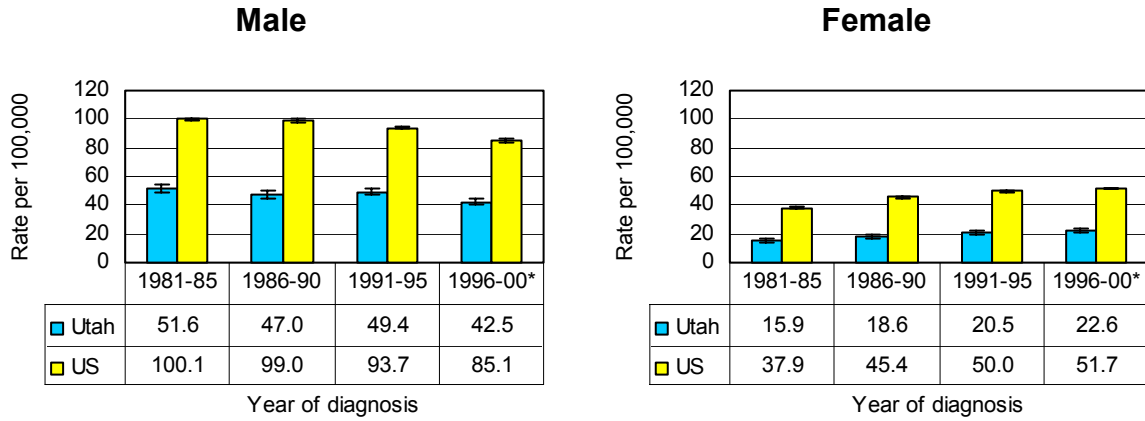
Cigarette smoking is the leading cause of lung cancer in the United States. Over eighty-five percent of lung cancer deaths are attributable to cigarette smoking. A number of studies have shown an increased risk of lung cancer among non-smokers exposed to cigarette smoke, and such passive smoking probably accounts for a portion of the remaining deaths. Although cigarette smoking accounts for the majority of lung cancer cases, other factors have also been implicated in the etiology of this disease, including occupational exposure to asbestos and uranium.

Only a small proportion of lung cancers are diagnosed at an early stage, and overall survival rates for this disease are low. The 1990 Surgeon General's Report focused on the benefits of smoking cessation, and emphasized that the risk of lung cancer among former smokers decreases with time since cessation of smoking. The most important preventive measure for lung cancer is avoidance of cigarettes.

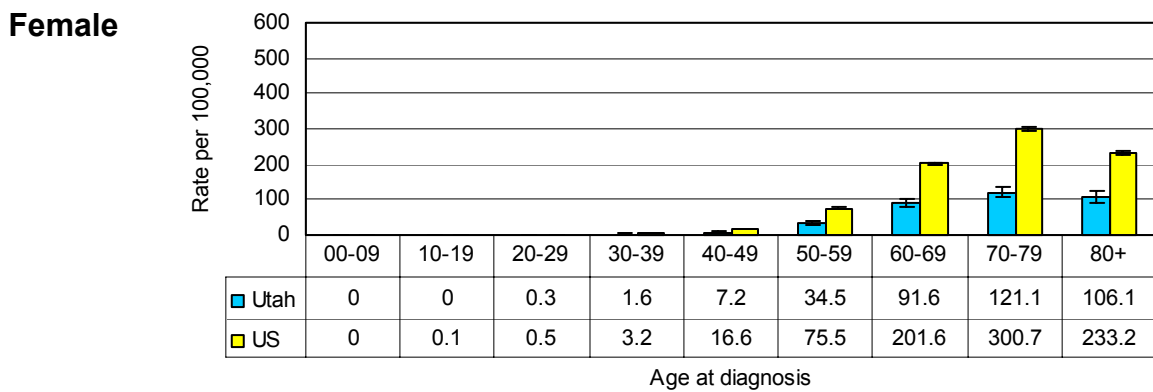
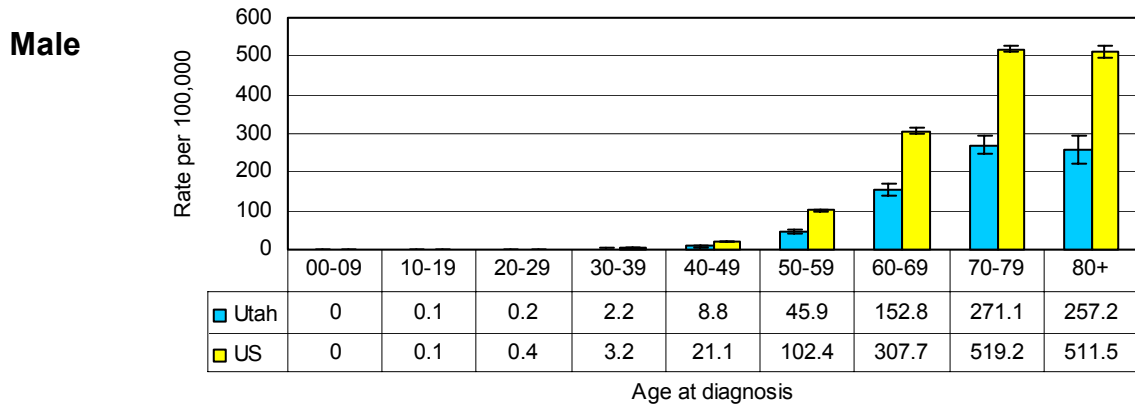
## Cancer in Utah

<b>Lung and Bronchus</b>	<b>Incidence</b>
--------------------------	------------------

Average annual age-adjusted incidence rates per 100,000 (US 2000 standard) by 5-year time period and sex, 1981-2000



Average annual age-specific incidence rates per 100,000 by sex, 1996-2000

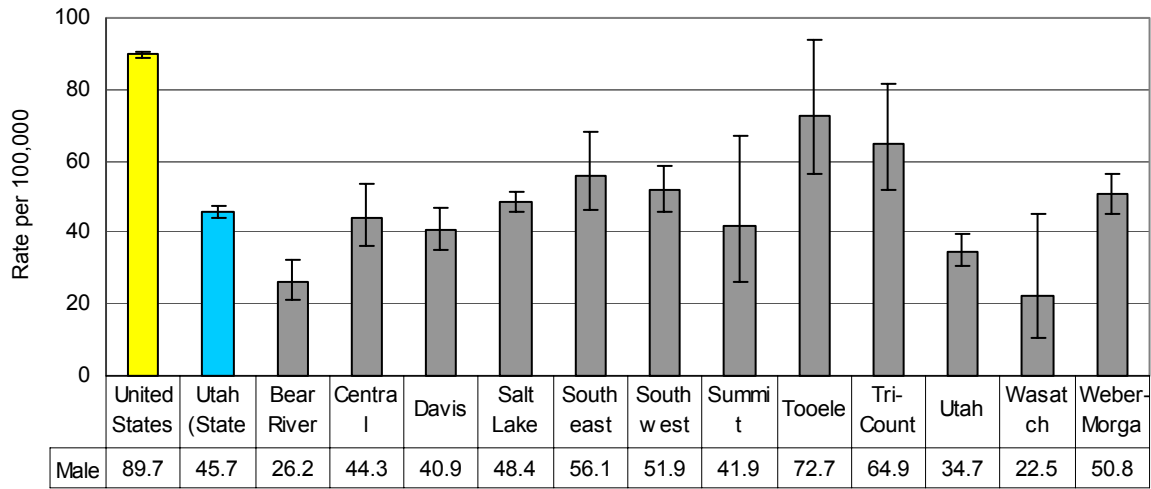


## Cancer in Utah

<b>Lung and Bronchus</b>	<b>Incidence</b>
--------------------------	------------------

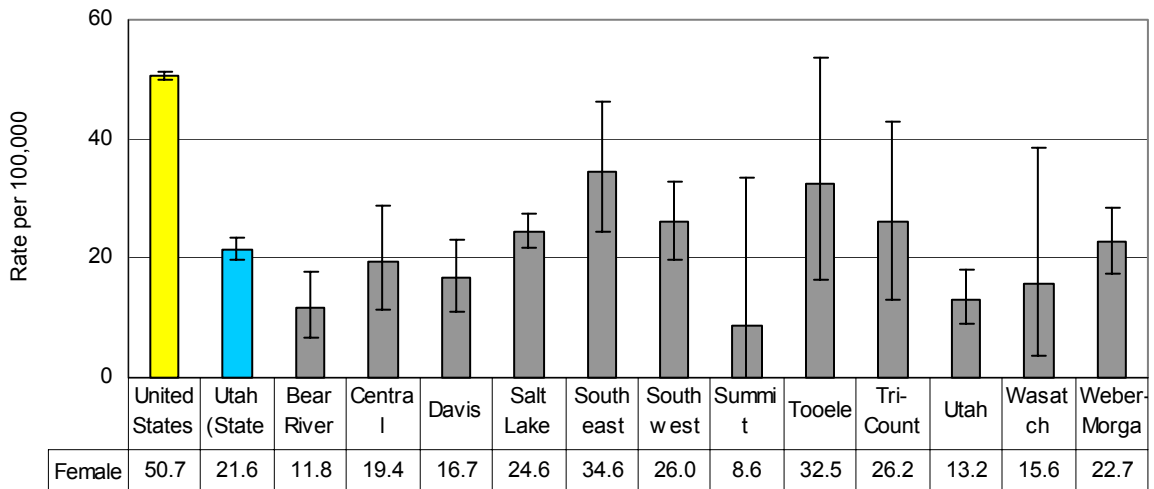
Average annual age-adjusted incidence rates per 100,000 (US 2000 standard) for twelve Utah Health Districts, by sex, for the time period 1991-2000, with rates from Utah (statewide) and the United States for comparison

### Male



Utah Health District

### Female



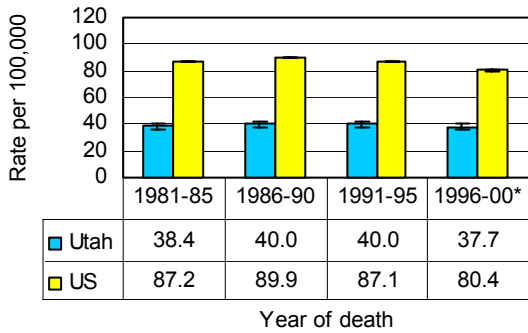
Utah Health District

## Cancer in Utah

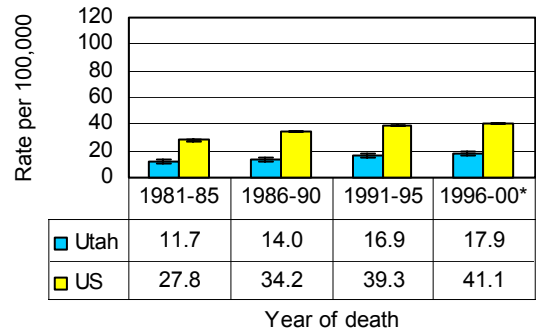
<b>Lung and Bronchus</b>	<b>Mortality</b>
--------------------------	------------------

Average annual age-adjusted mortality rates per 100,000 (US 2000 standard) by 5-year time period and sex, 1981-2000

### Male

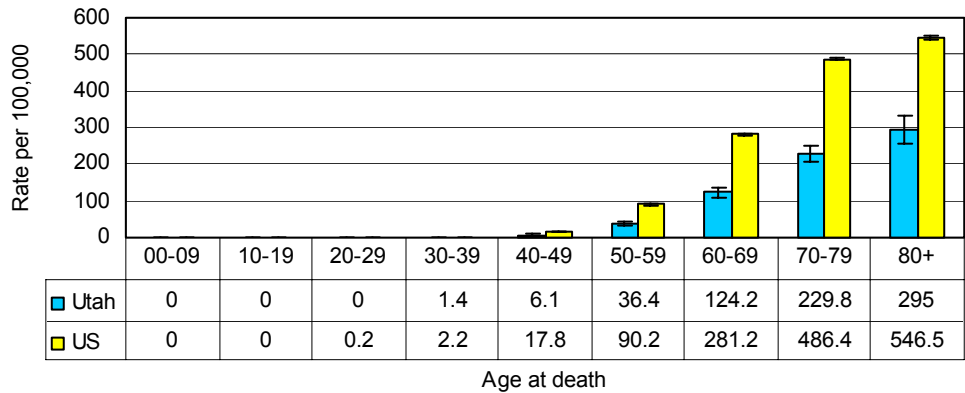


### Female

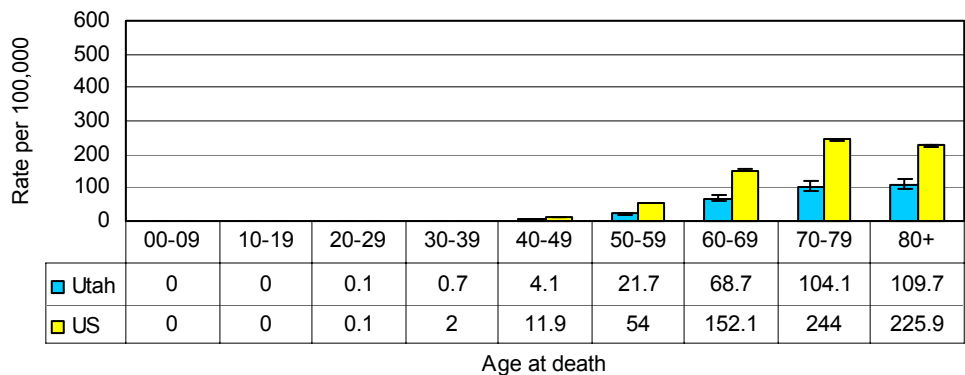


Average annual age-specific mortality rates per 100,000 by sex, 1996-2000

### Male



### Female

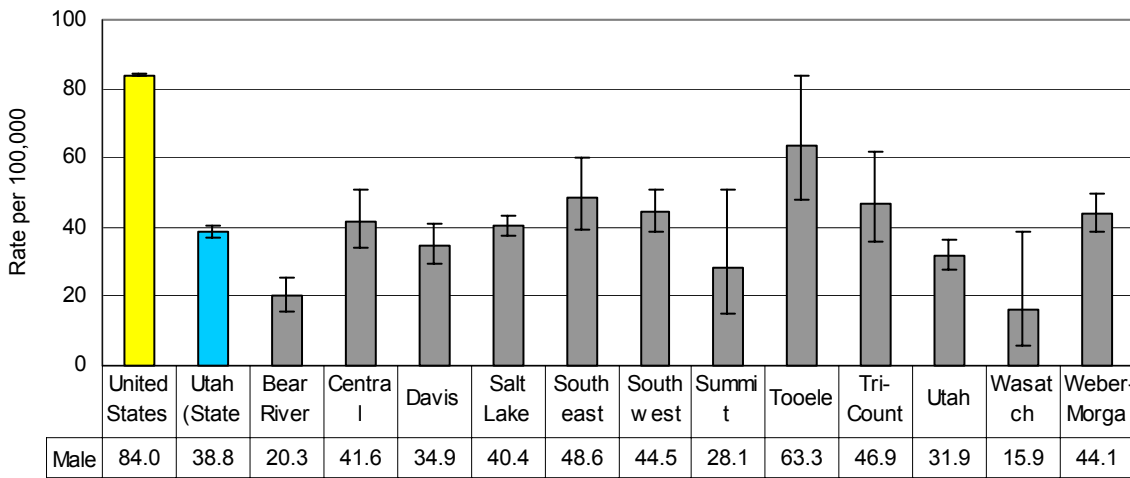


## Cancer in Utah

<b>Lung and Bronchus</b>	<b>Mortality</b>
--------------------------	------------------

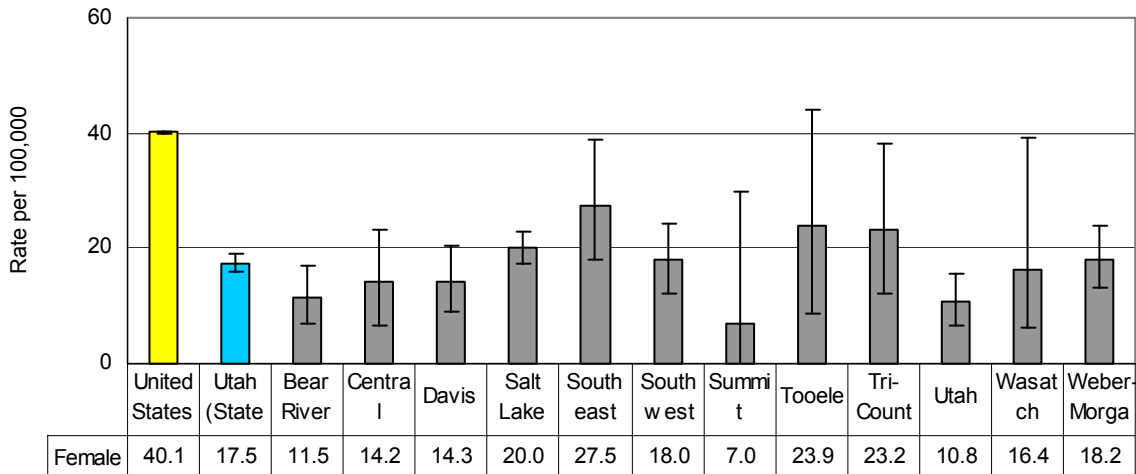
Average annual age-adjusted mortality rates per 100,000 (US 2000 standard) for twelve Utah Health Districts, by sex, for the time period 1991-2000, with rates from Utah (statewide) and the United States for comparison

### Male



Utah Health District

### Female

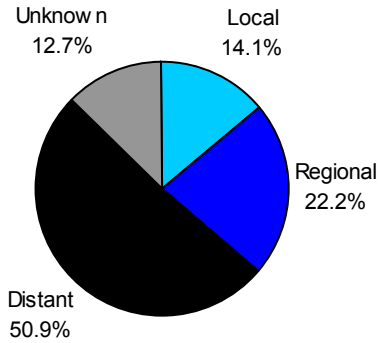


Utah Health District

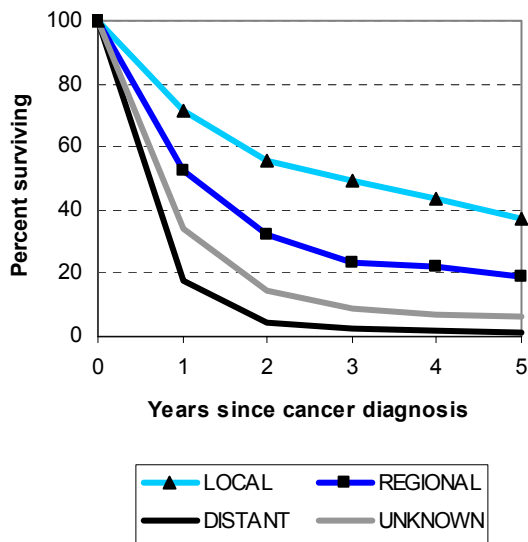
# Cancer in Utah

## Lung and Bronchus *Stage and Survival*

Stage of disease at diagnosis:  
Utah residents diagnosed 1996-2000



5-year relative survival by stage:  
Utah residents diagnosed 1991-95

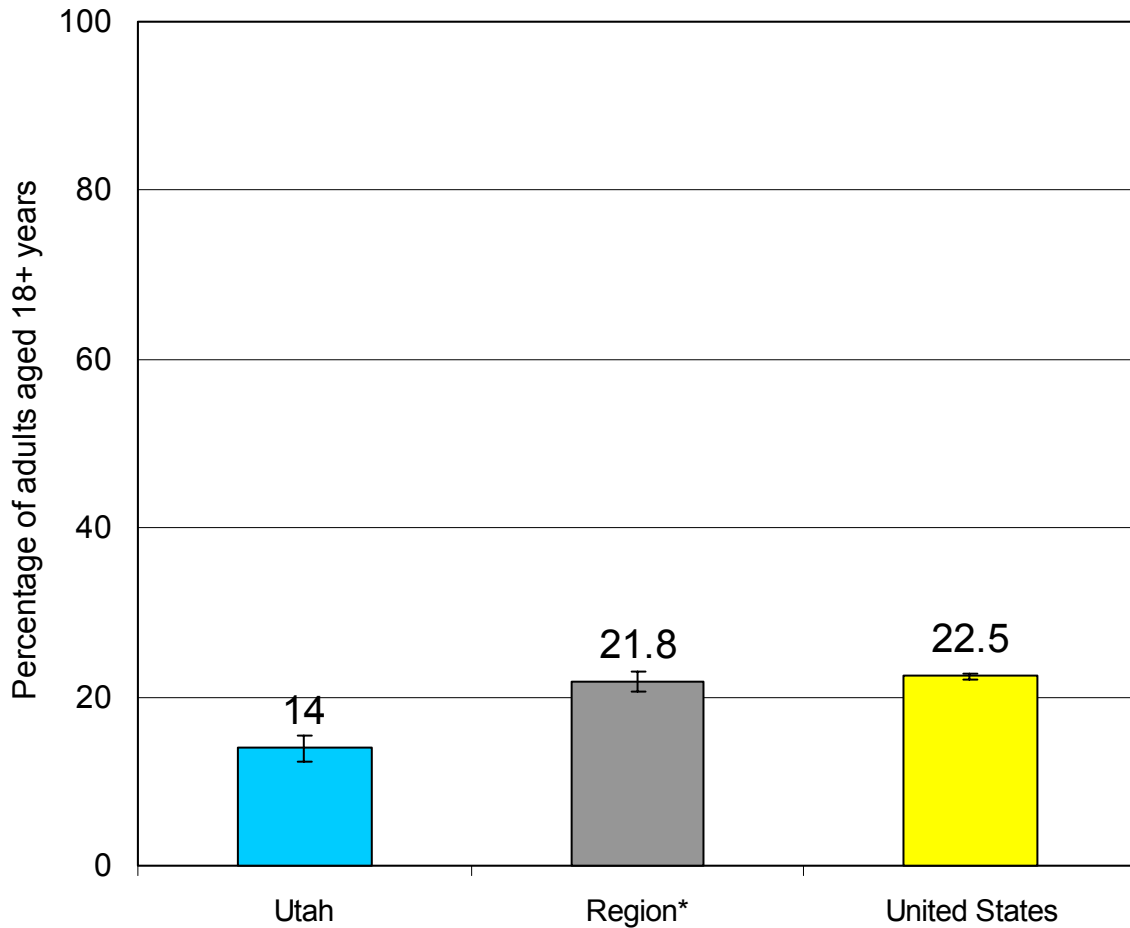


## Cancer in Utah

### Lung and Bronchus

### Tobacco Use

Percentage of Utah adults, 18 years of age and older,  
who reported current cigarette smoking  
(Survey conducted in calendar year 1999)



\* Seven Western States including Arizona, Colorado, Idaho, Nevada, New Mexico, Utah, and Wyoming

Source: Behavioral Risk Factor Surveillance System

## Cancer in Utah

This page intentionally blank