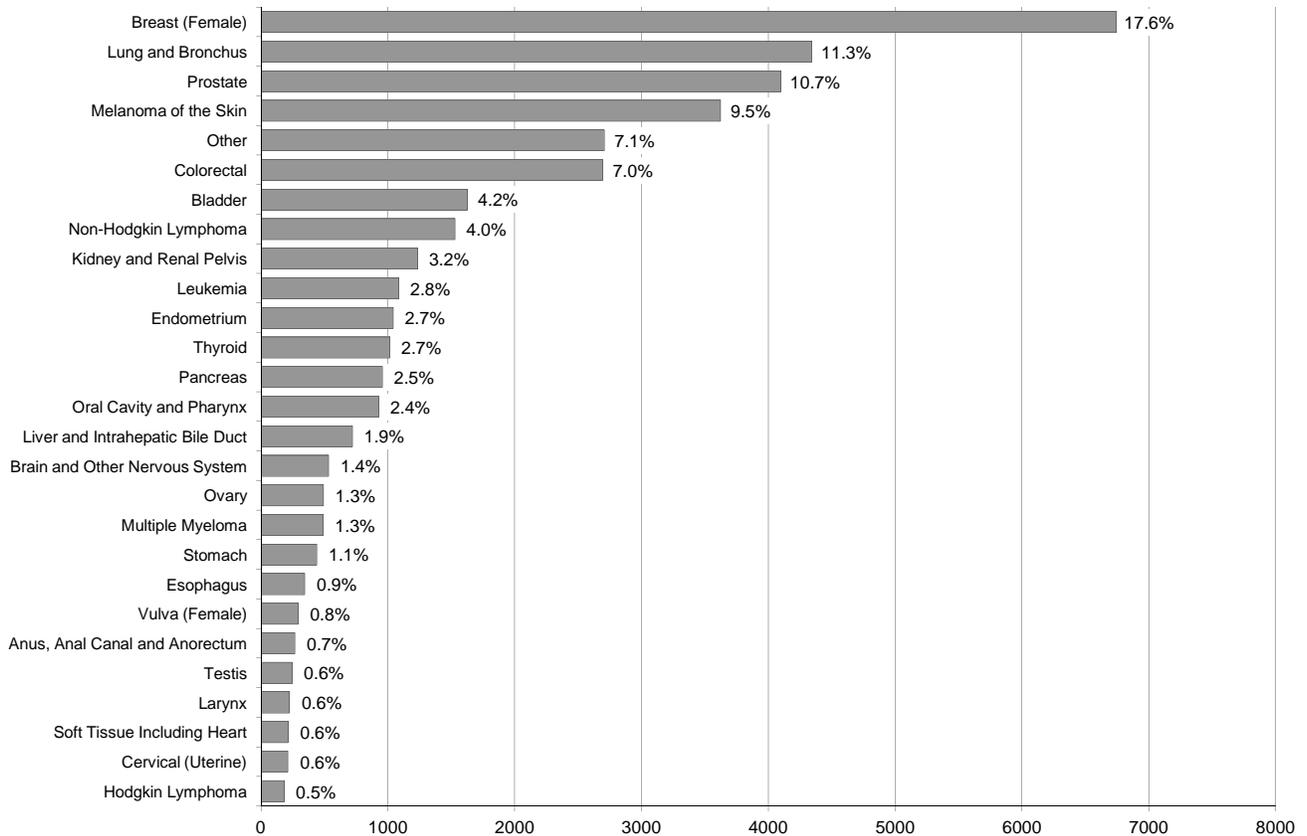


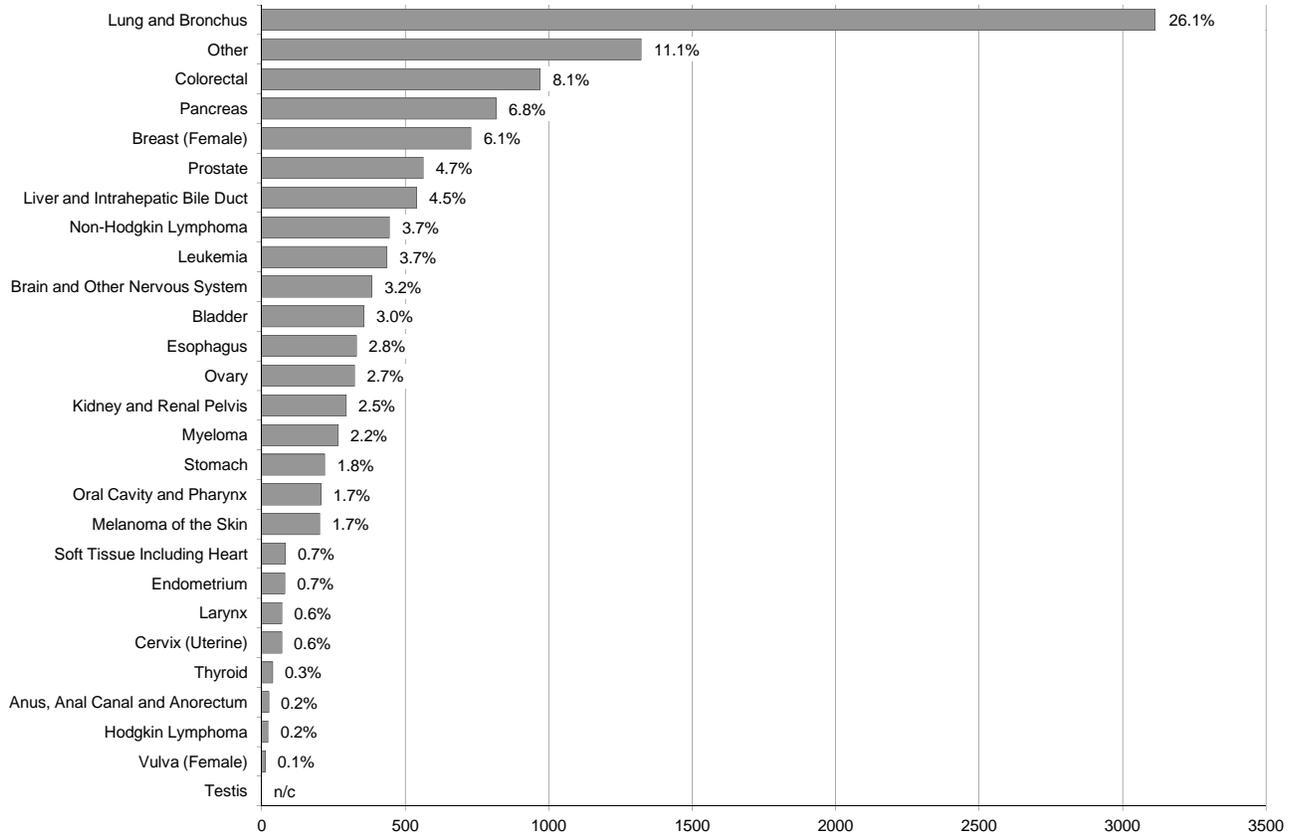
# **Cancer By Site**

## Percent Distribution of Cancer

### 2012 Total Cancer Incidence of Washington State Residents

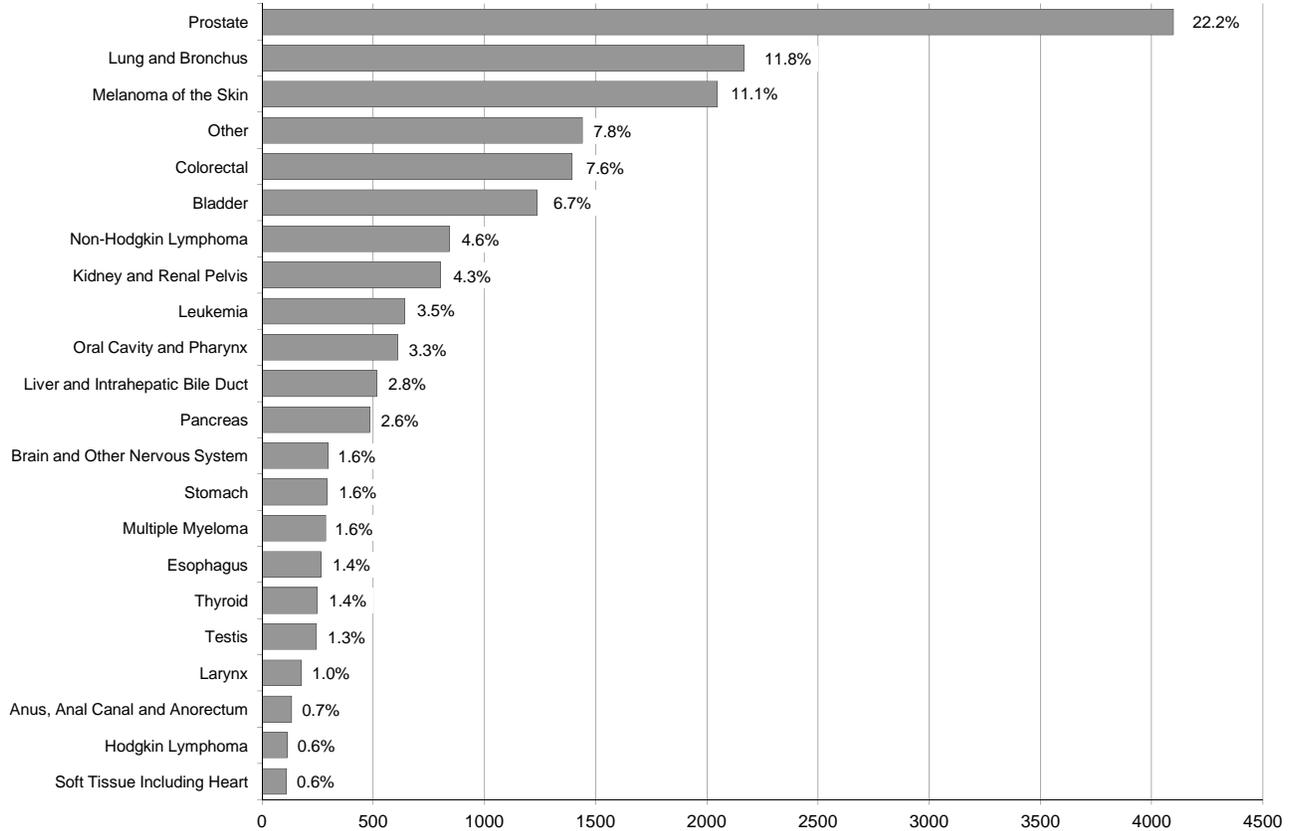


### 2012 Total Cancer Mortality of Washington State Residents

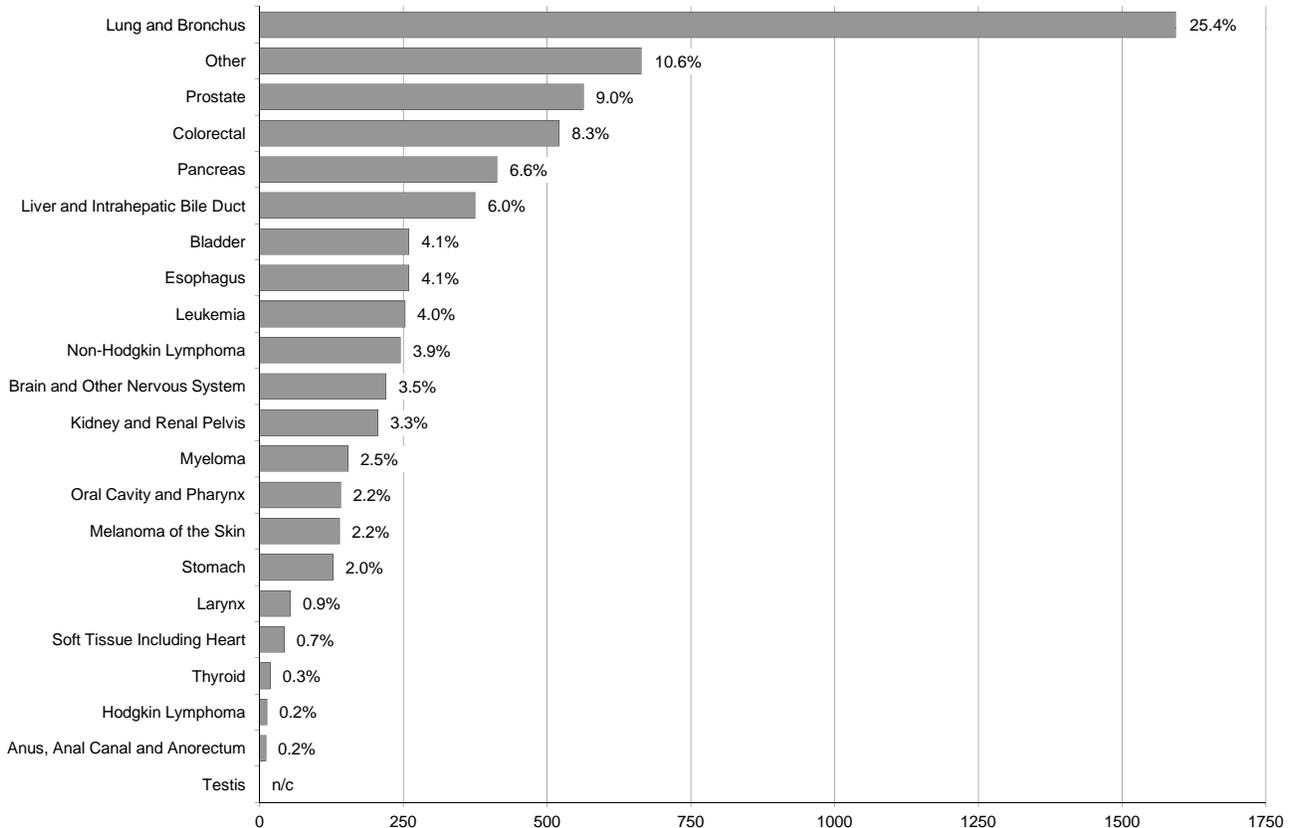


## Percent Distribution of Cancer

### 2012 Male Cancer Incidence of Washington State Residents

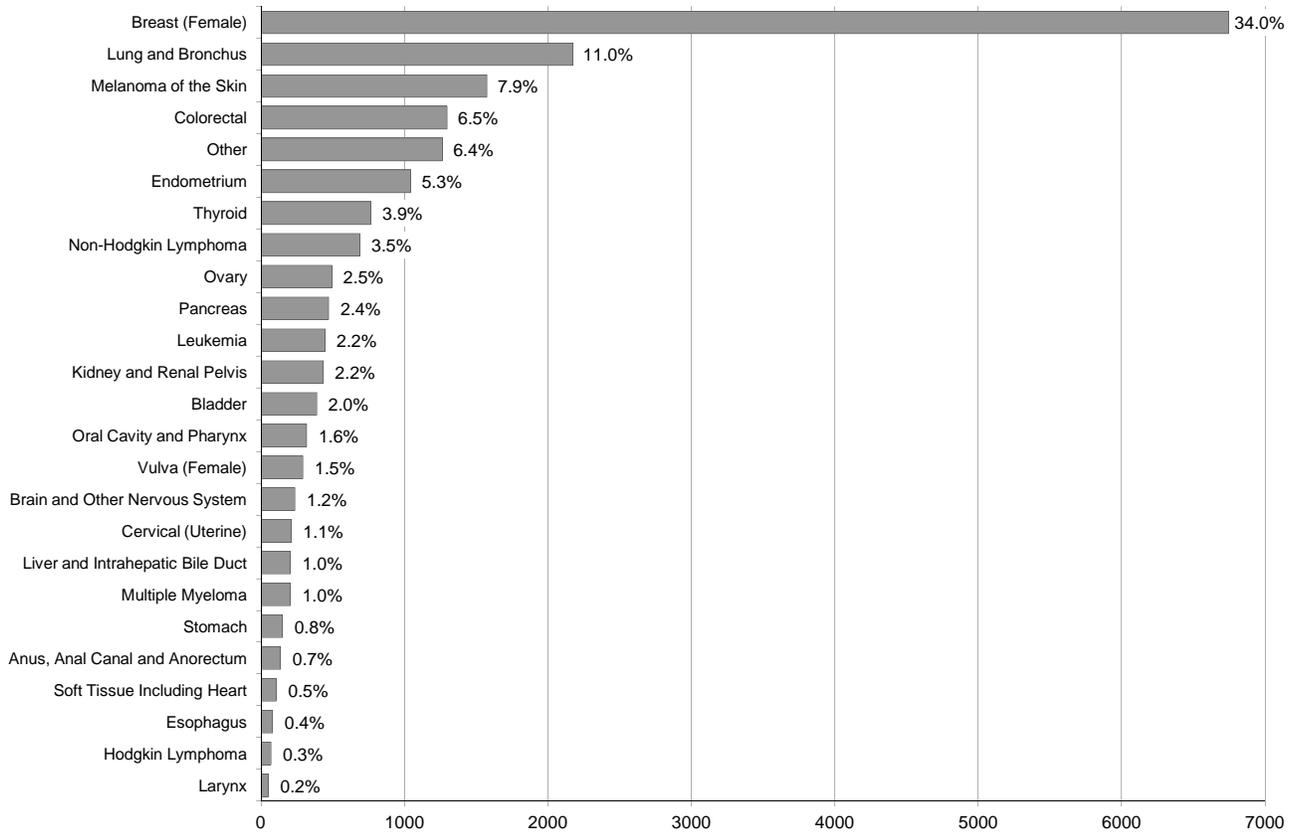


### 2012 Male Cancer Mortality of Washington State Residents

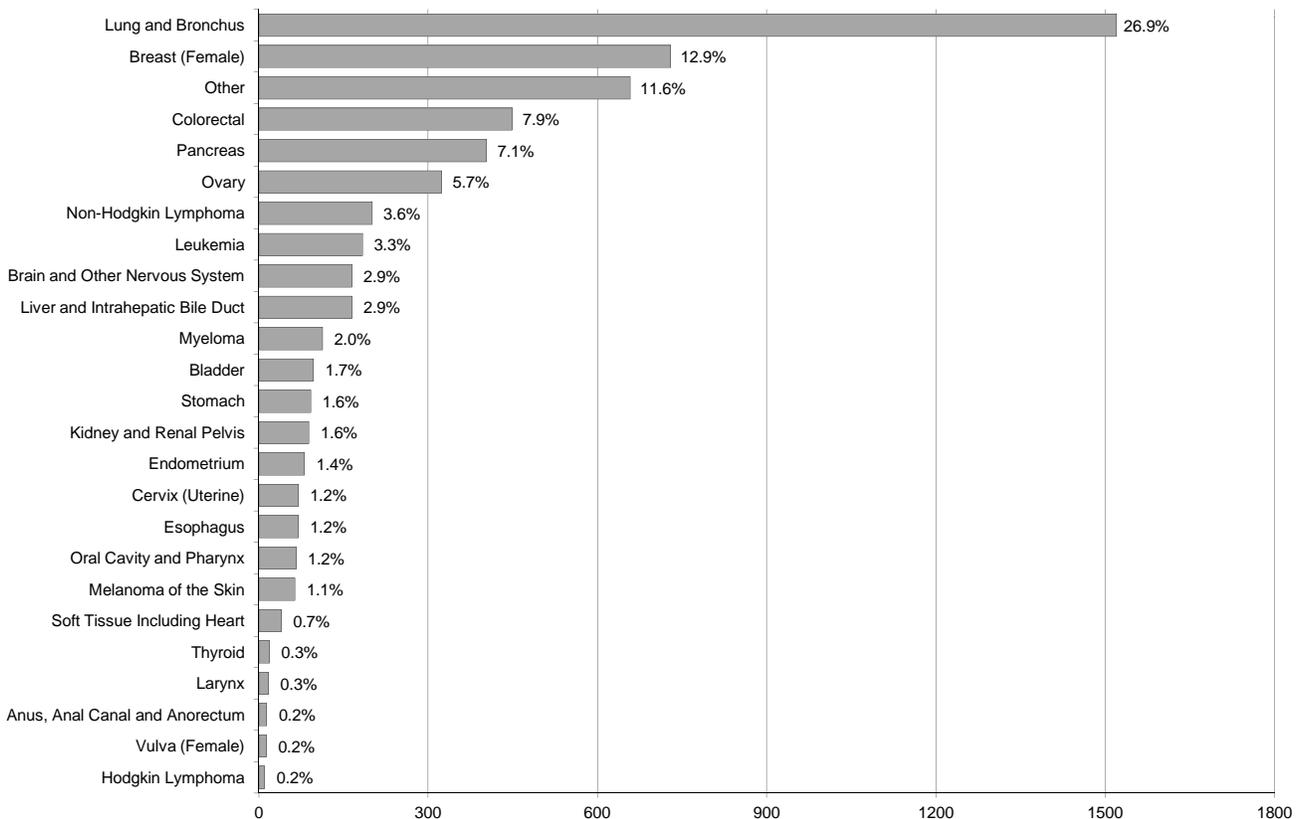


## Percent Distribution of Cancer

### 2012 Female Cancer Incidence of Washington State Residents



### 2012 Female Cancer Mortality of Washington State Residents



# All Sites Combined

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using ICD-03 codes C00.0 - C80.9, all histology codes. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 140-208, 238.6 (1992-1998), ICD-10 codes C00-C97 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

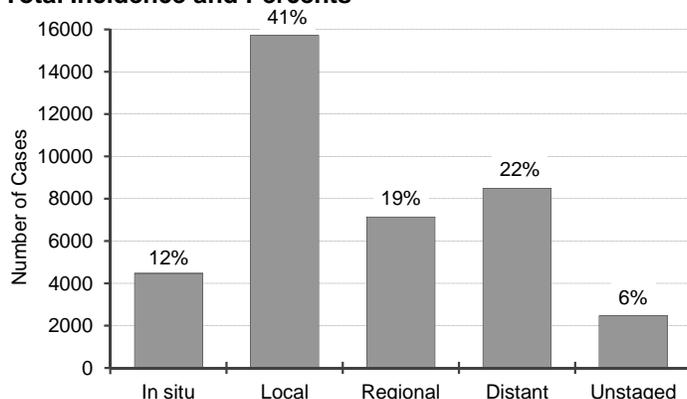
Incidence			
	Male	Female	Total
<b>All Reportable Cancers</b>	18,439	19,835	38,280
<b>2012 Incidence Rates</b>	532.1	507.6	513.7
<b>2011 National Rates</b>	540.7	460.9	491.9

Death			
	Male	Female	Total
<b>Deaths</b>	6,280	5,655	11,935
<b>2012 Death Rates</b>	193.8	141.2	163.3
<b>2011 National Rates</b>	204.3	143.5	168.7

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	n/a
Regional	n/a
Distant	n/a
Unstaged	n/a
<b>Overall</b>	<b>69%</b>

n/a=not available

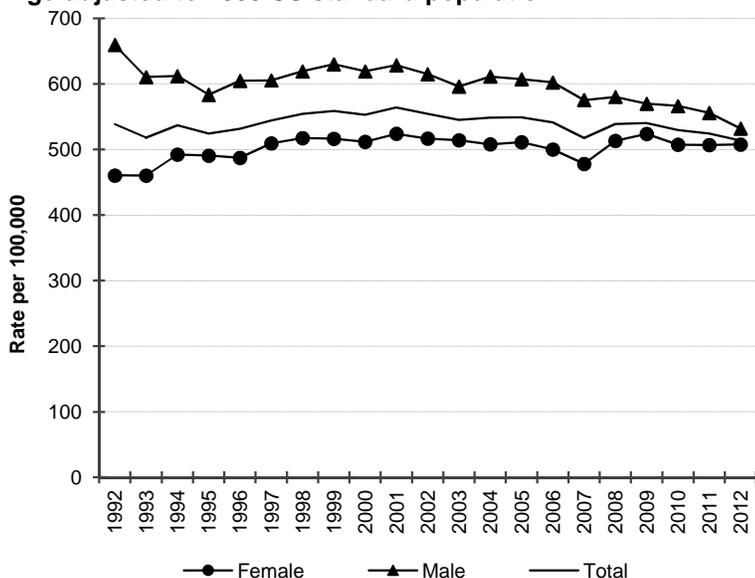
Figures include in situ and invasive cancers

<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011. Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

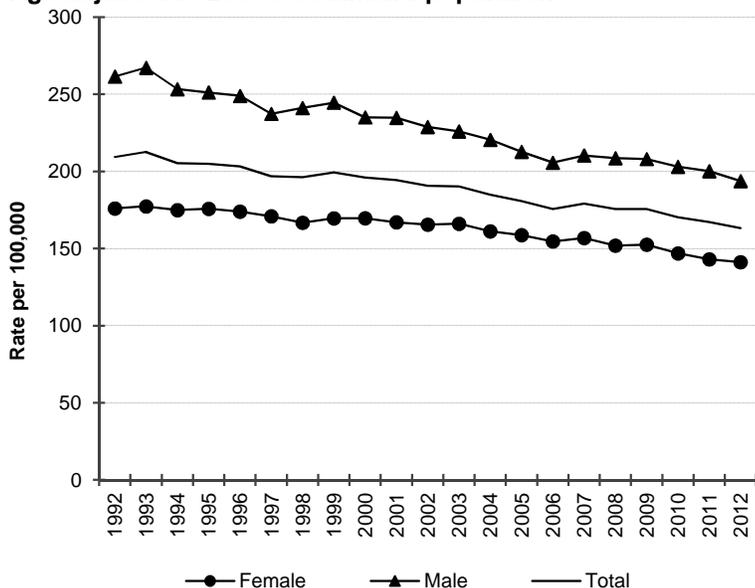
# All Sites Combined

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For all cancers combined age-adjusted incidence rates have changed as follows.  
**Both sexes combined:** Rates increased slightly by 0.7% per year from 1992 to 2001; decreased slightly by 0.7% per year since 2001.  
**Men:** Rates decreased steadily by 3.2% per year from 1992 to 1995; remained level from 1995 to 2000; decreased steadily by 1.2% per year since 2000.  
**Women:** Rates increased steadily by 1.9% per year from 1992 and 1998; remained level since 1998.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For all cancers combined age-adjusted mortality rates have changed as follows.  
**Both sexes combined:** Rates decreased slightly by 0.9% per year from 1992 to 2001; decreased steadily by 1.4% per year since 2001.  
**Men:** Rates decreased steadily by 1.5% per year from 1992 to 2012.  
**Women:** Rates decreased slightly by 0.7% per year from 1992 to 2003; decreased steadily by 1.6% per year since 2003.

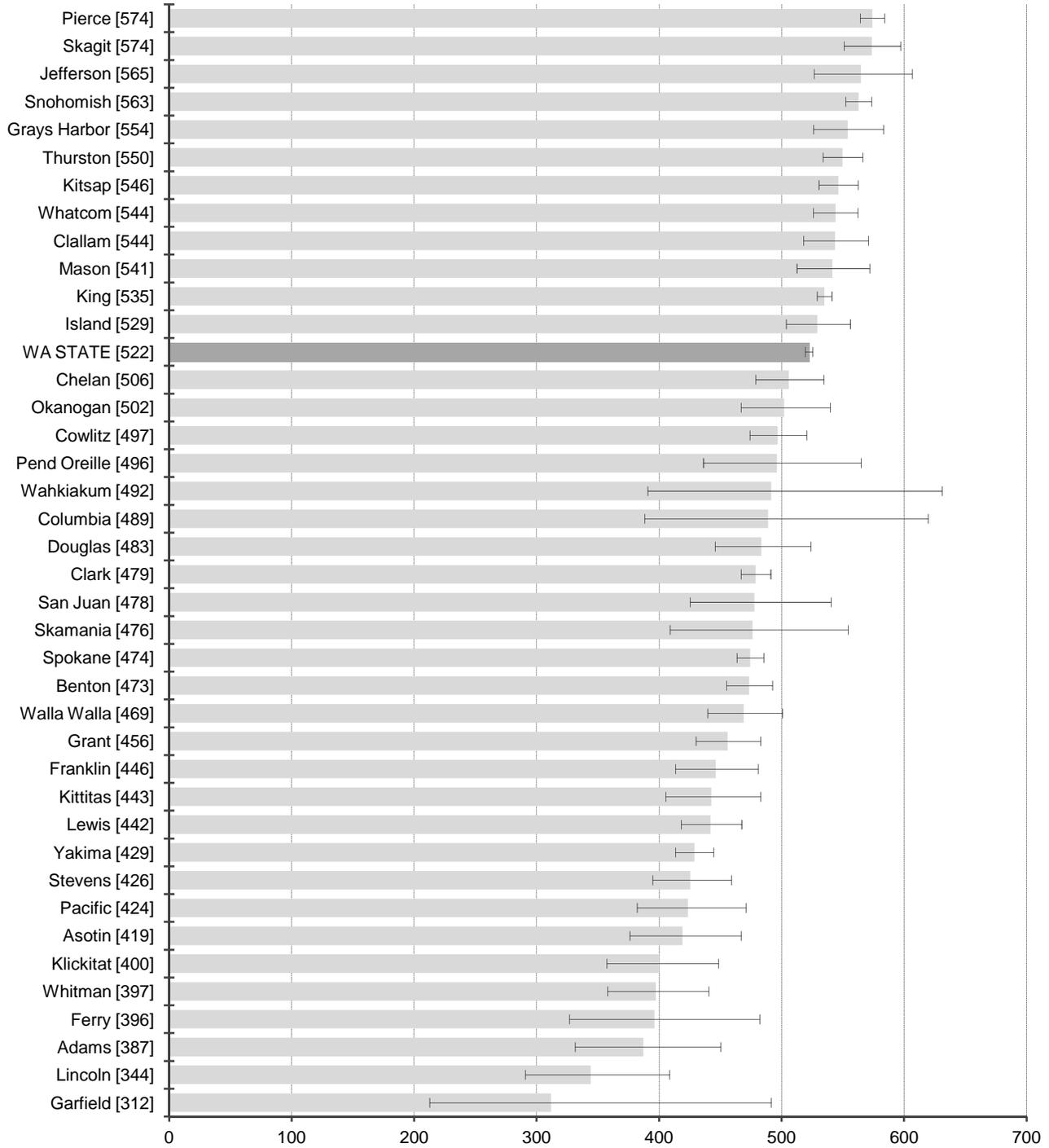
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# All Sites Combined

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

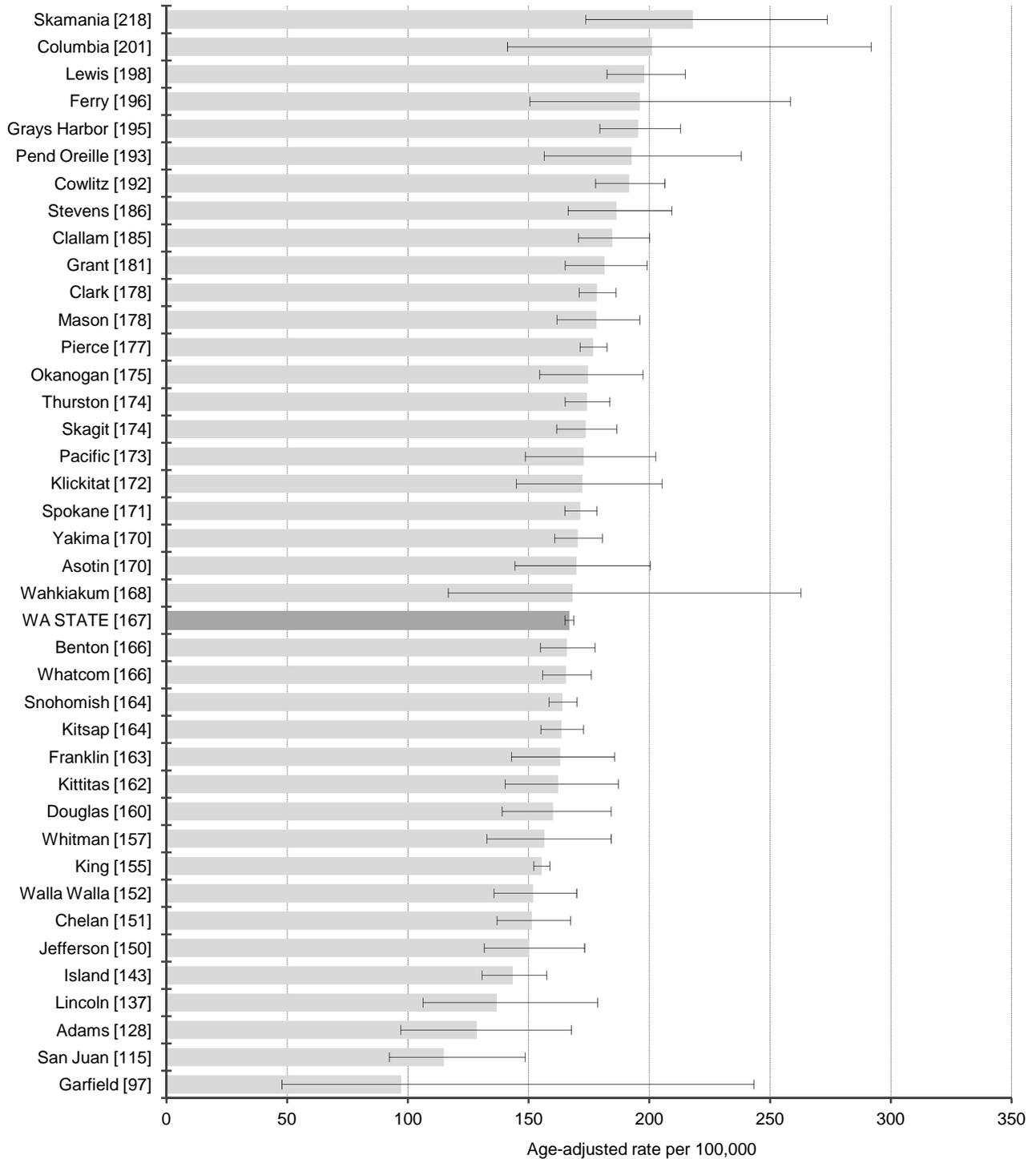
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# All Sites Combined

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Anus, Anal Cancer and Anorectum

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C21.0 - C21.2, C21.8, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 154.2-154.3, 154.8 (1992-1998), ICD-10 code C21 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

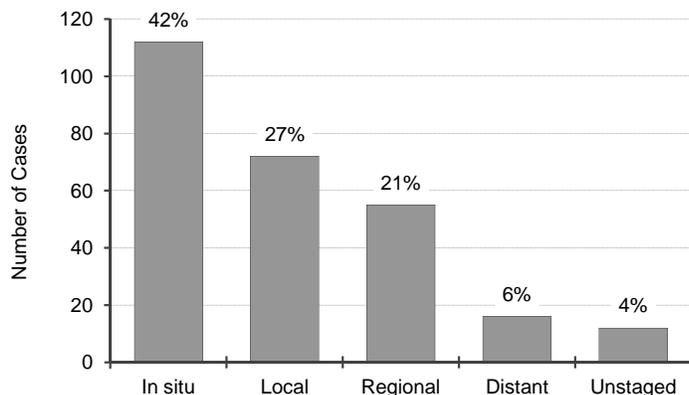
Incidence			
	Male	Female	Total
All Reportable Cancers	132	135	267
2012 Incidence Rates	3.7	3.3	3.5
2011 National Rates	3.0	2.5	2.7

Death			
	Male	Female	Total
Deaths	11	14	25
2012 Death Rates	0.3	0.3	0.3
2011 National Rates	0.2	0.3	0.2

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	97%
Local	79%
Regional	58%
Distant	31%
Unstaged	66%
Overall	76%

Figures include in situ and invasive cancers

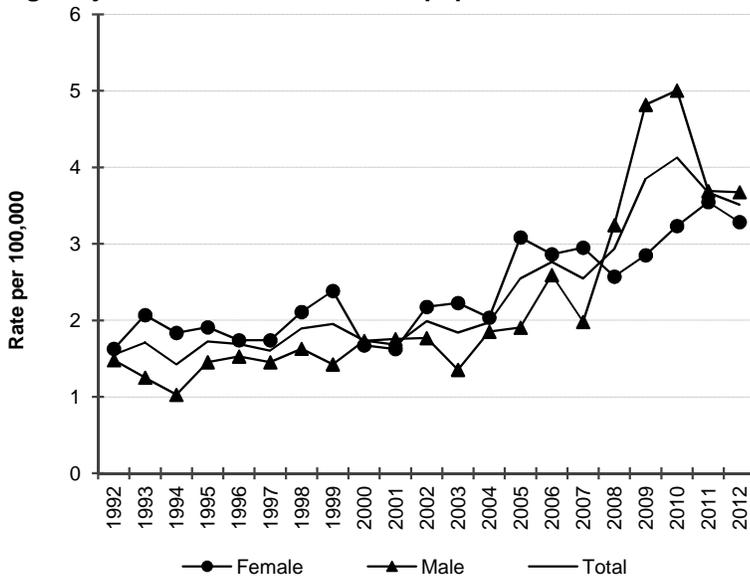
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Anus, Anal Cancer and Anorectum

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



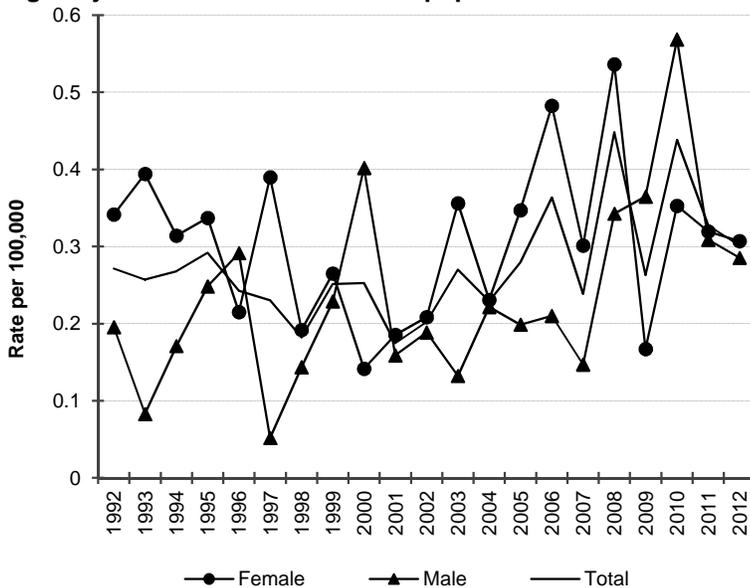
For anus, anal canal and anorectum age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2003; increased sharply by 11.4% per year from 2003 to 2010; remained level since 2010.

**Men:** Rates remained level from 1992 to 2005; increased sharply by 22.7% per year from 2005 to 2010; remained level since 2010.

**Women:** Rates increased steadily by 3.7% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For anus, anal canal and anorectum age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates increased steadily by 2.2% per year from 1992 to 2012.

**Men:** Rates increased sharply by 4.1% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

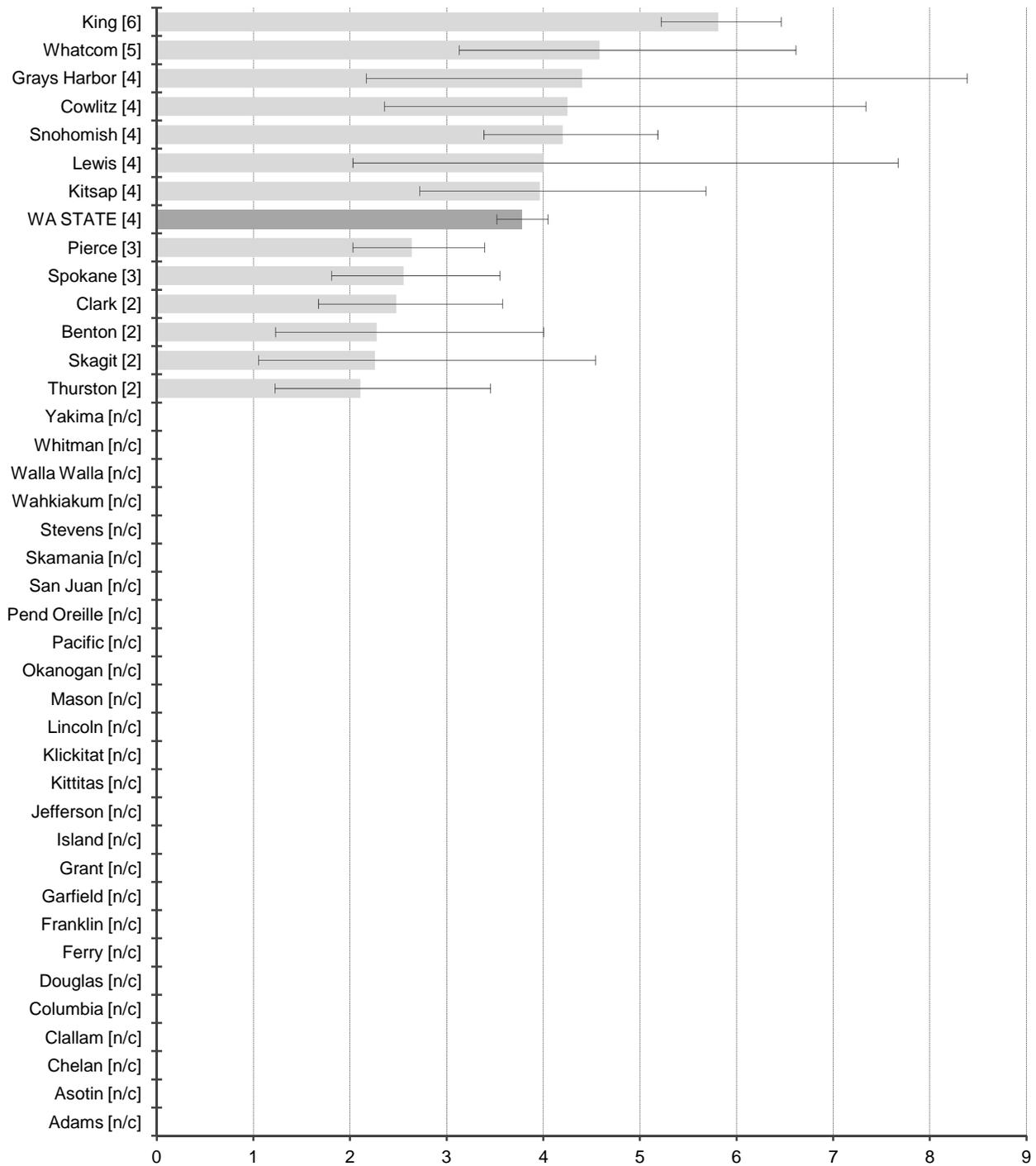
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Anus, Anal Cancer and Anorectum

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

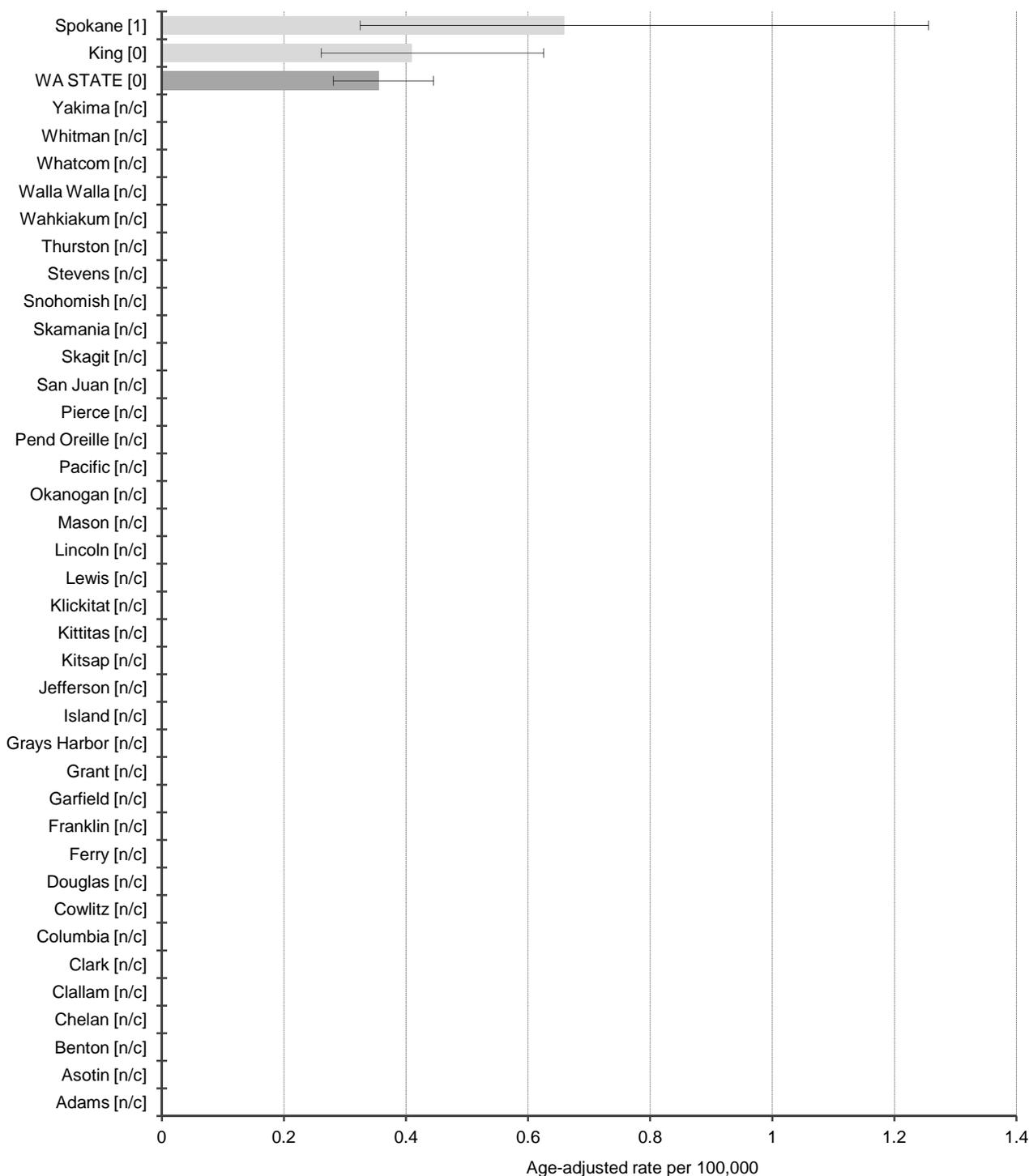
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Anus, Anal Cancer and Anorectum

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Bladder

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C67.0-C67.9, excluding histology (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 188.0-188.9 (1992-1998), ICD-10 code C67 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

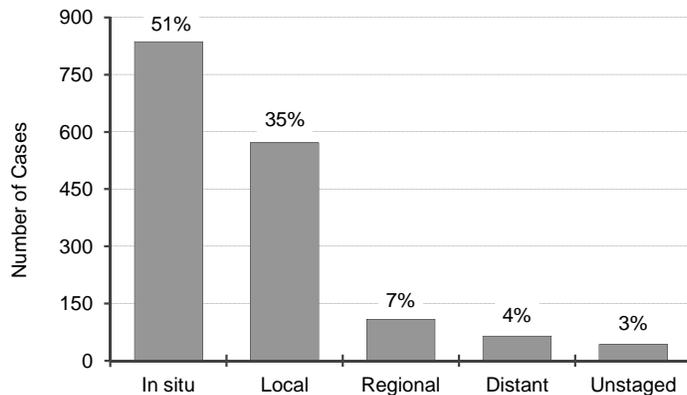
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	1,236	388	1,624
2012 Incidence Rates	38.3	9.6	22.3
2011 National Rates	34.6	8.4	19.7

Death			
	Male	Female	Total
Deaths	260	97	357
2012 Death Rates	8.6	2.3	4.9
2011 National Rates	7.6	2.2	4.4

### Stage at Diagnosis

2012 Washington State Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	96%
Local	69%
Regional	34%
Distant	5%
Unstaged	46%
Overall	77%

Figures include in situ and invasive cancers

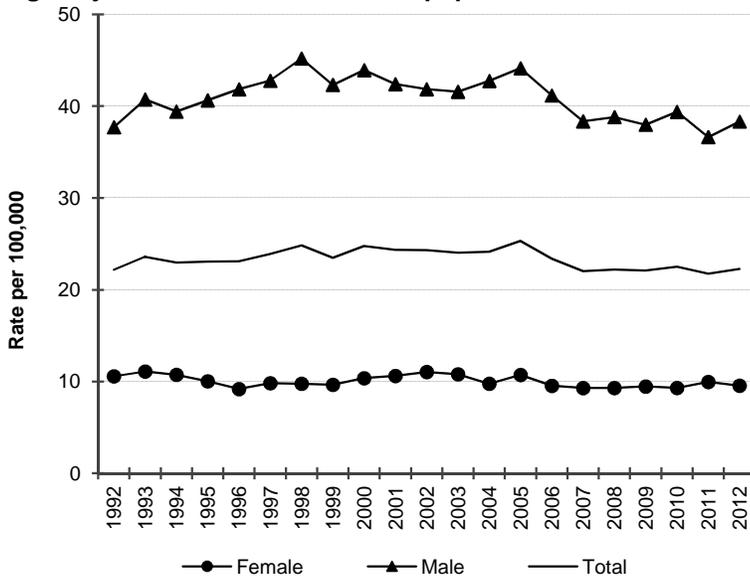
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Bladder

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



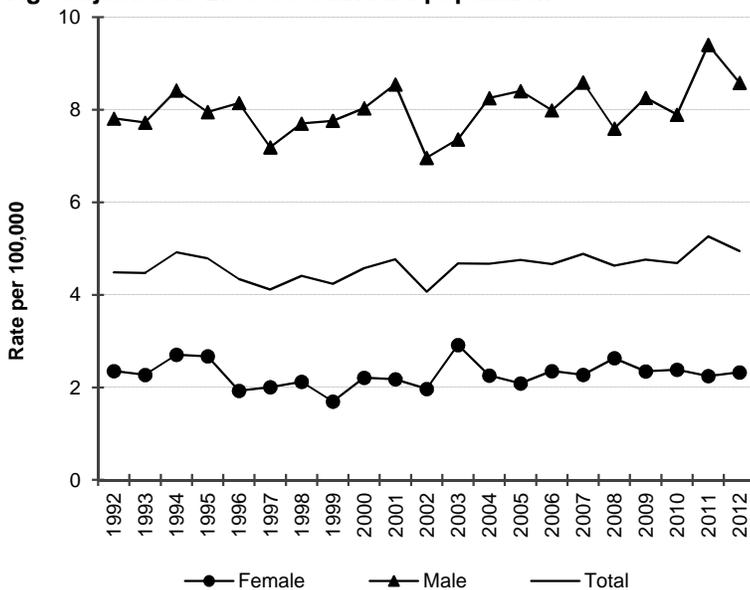
For bladder cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased steadily by 1.1% per year from 1992 to 2001; decreased steadily by 1.2% per year since 2001.

**Men:** Rates increased steadily by 2.6% per year from 1992 to 1998; decreased steadily by 1.2% per year since 1998.

**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For bladder cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates increased slightly by 0.5% per year from 1992 to 2012.

**Men:** Rates increased slightly by 0.5% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths. Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

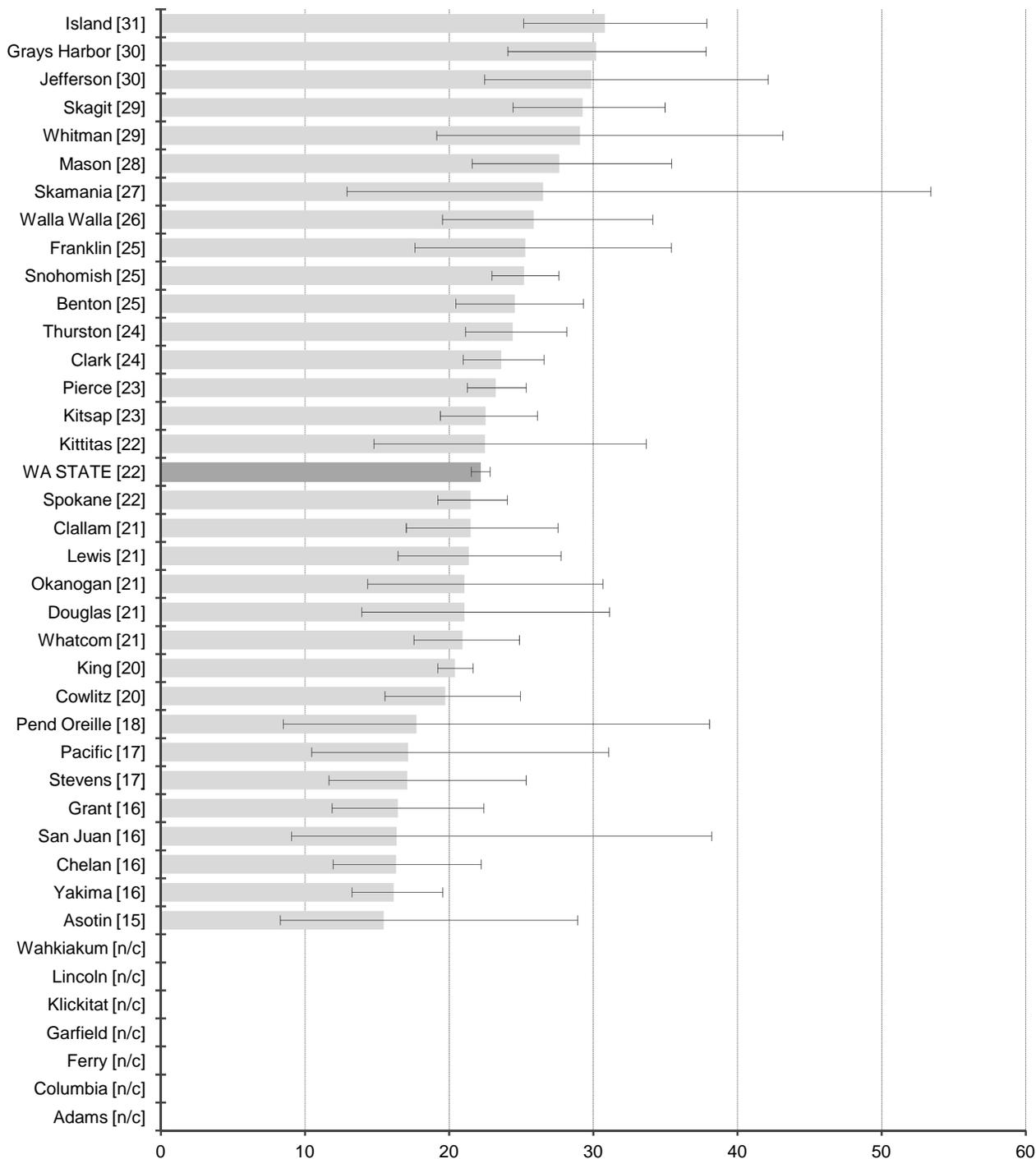
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Bladder

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

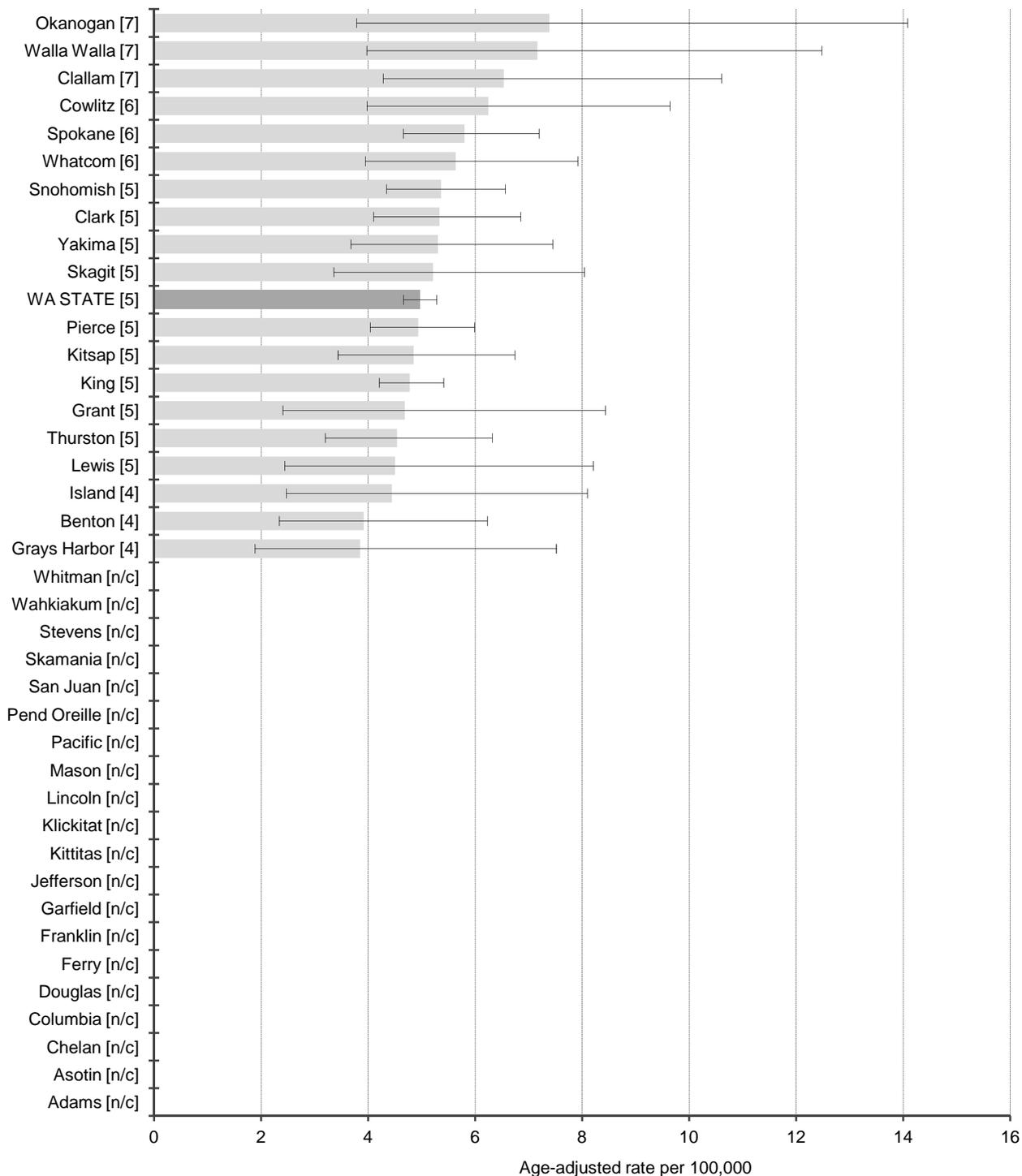
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Bladder

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Brain and Other Nervous System

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C70.0-C70.9, C71.0-C71.9, C72.0-C72.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 191.0-191.9, 192.0-192.9 (1992-1998), ICD-10 code C70, C71, C72 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

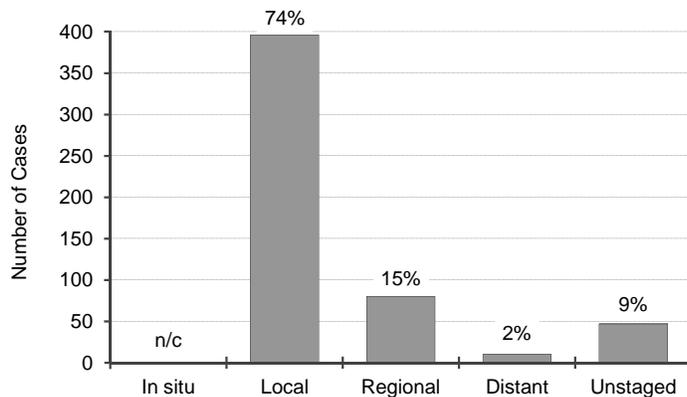
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	298	235	533
2012 Incidence Rates	8.6	6.2	7.3
2011 National Rates	7.4	5.1	6.2

Death			
	Male	Female	Total
Deaths	220	165	385
2012 Death Rates	6.3	4.1	5.1
2011 National Rates	5.2	3.4	4.3

### Stage at Diagnosis

2012 Washington State Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	37%
Regional	22%
Distant	36%
Unstaged	21%
Overall	34%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

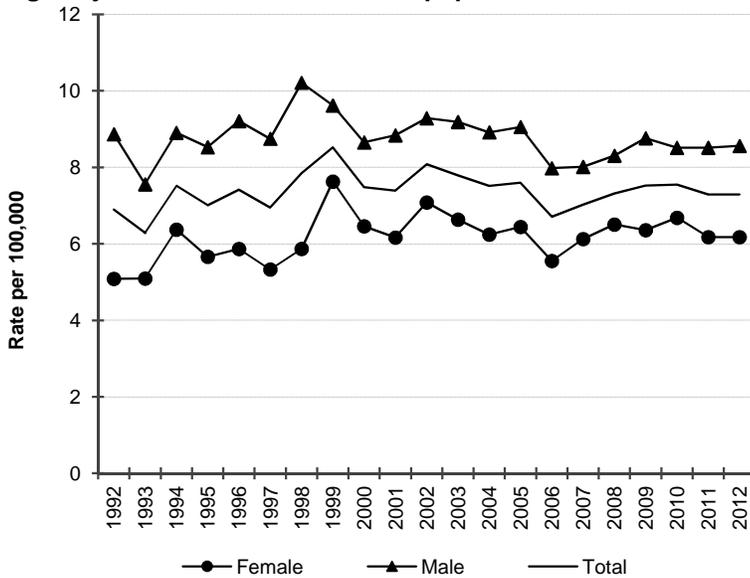
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

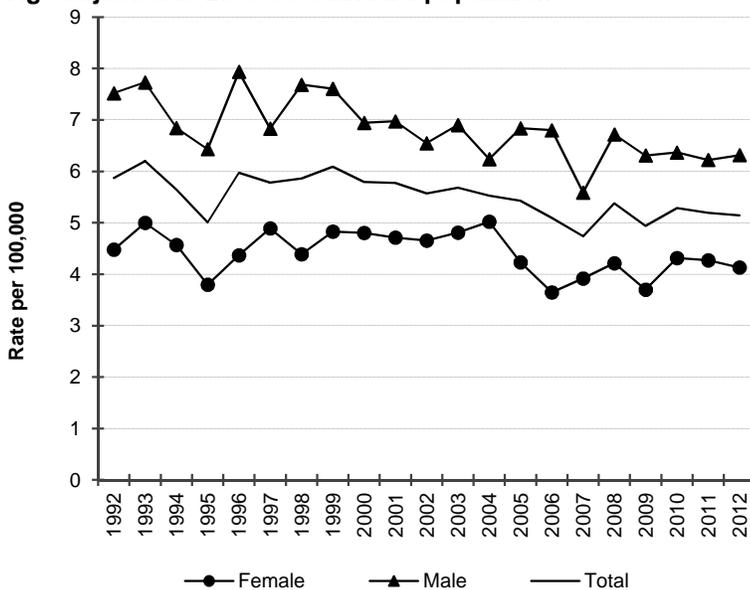
# Brain and Other Nervous System

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



- For brain and other nervous system cancer age-adjusted incidence rates have changed as follows.
  - Both sexes combined:** Rates remained level from 1992 to 2012.
  - Men:** Rates remained level from 1992 to 2012.
  - Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For brain and other nervous system cancer age-adjusted mortality rates have changed as follows.

- Both sexes combined:** Rates decreased slightly by 0.8% per year from 1992 to 2012.
- Men:** Rates decreased steadily by 1.0% per year from 1992 to 2012.
- Women:** Rates decreased slightly by 0.7% per year from 1992 to 2012.

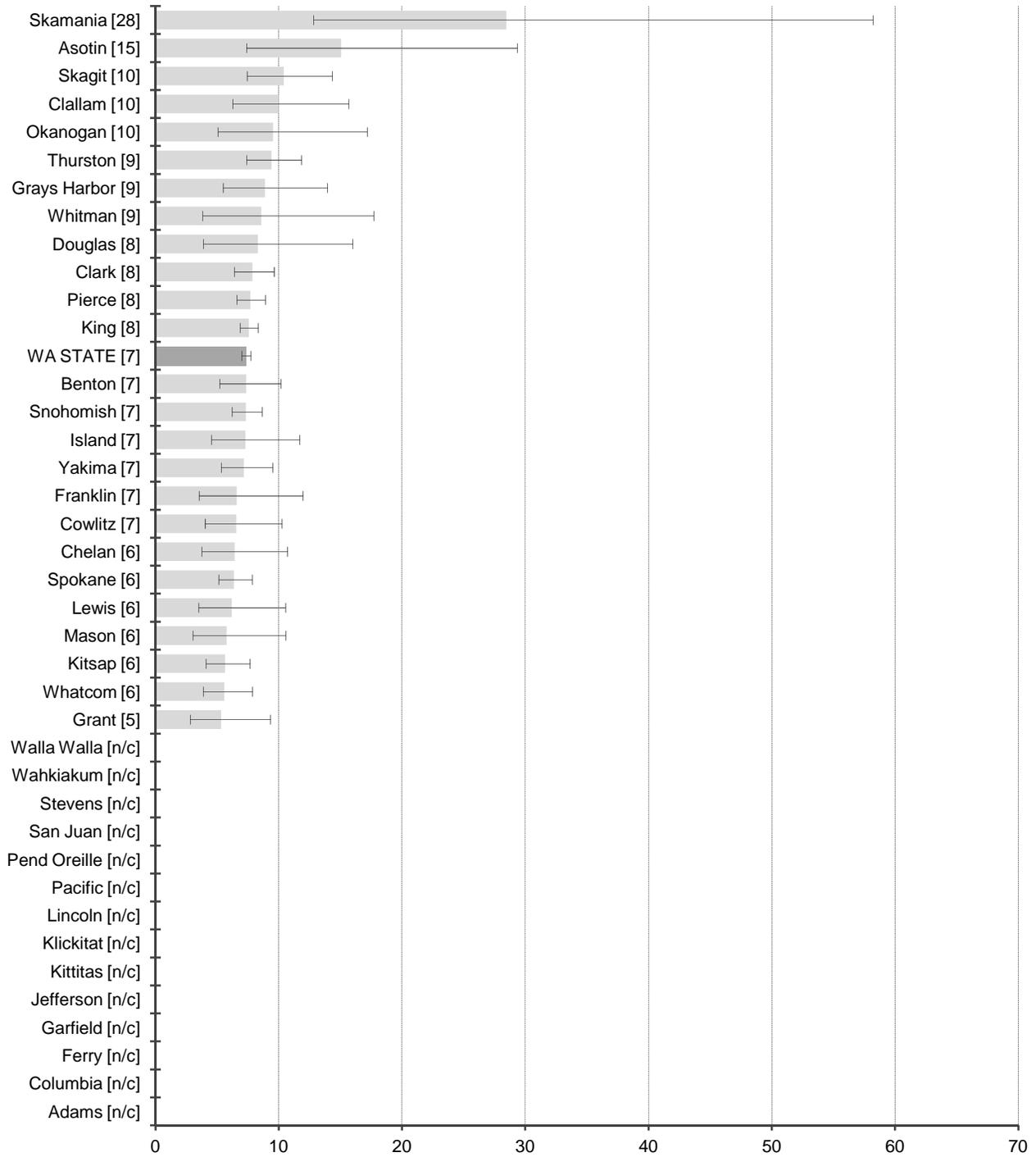
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Brain and Other Nervous System

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

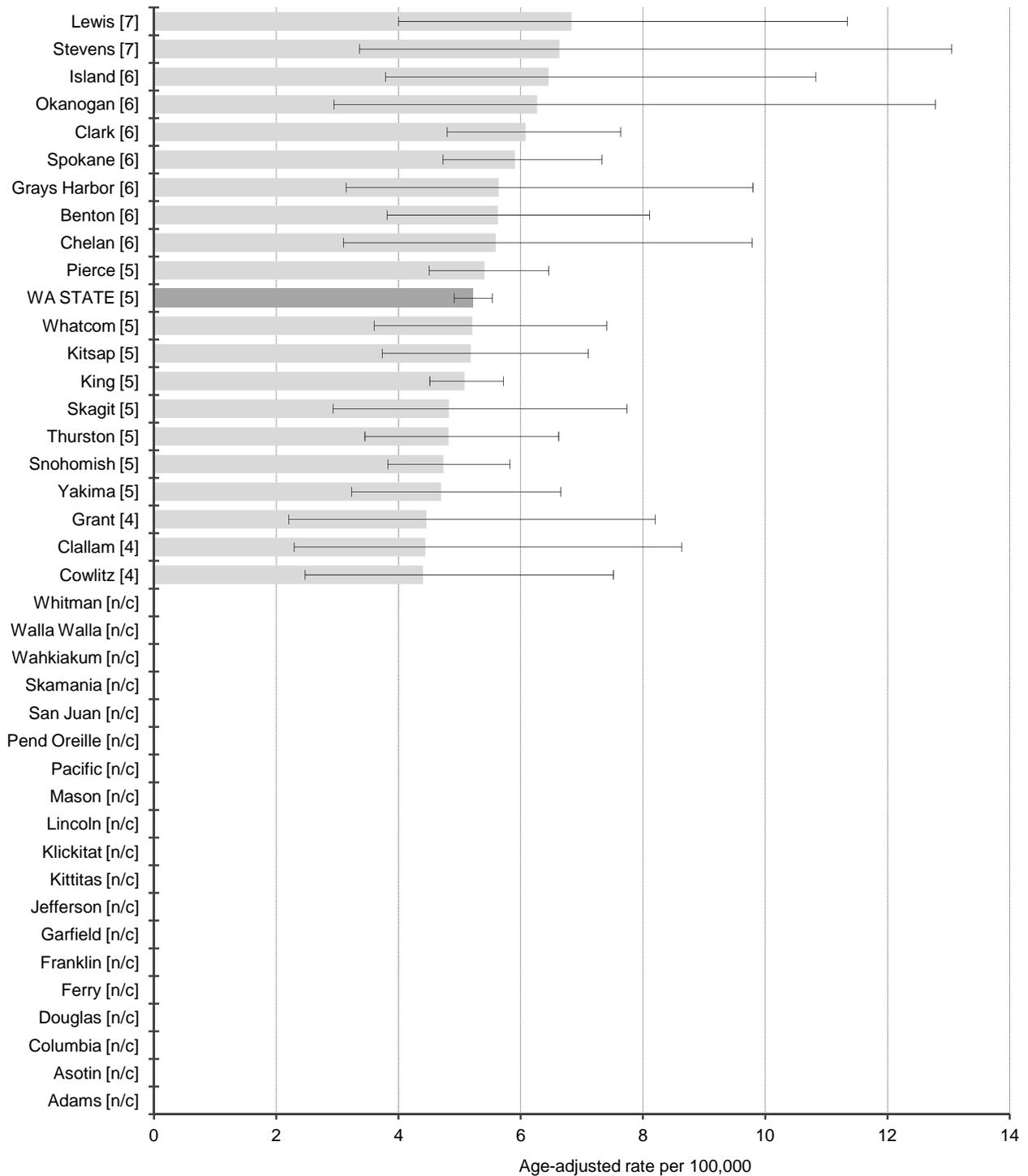
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Brain and Other Nervous System

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Breast (Female)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C50.0-C50.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 174.0-174.9 (1992-1998), ICD-10 codes C50 (1999-2012).

## 2012 Washington State Female Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

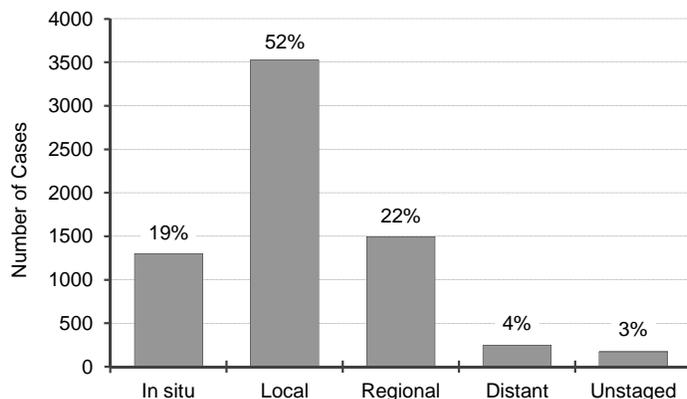
Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	6,744	n/a
2012 Incidence Rates	n/a	171.7	n/a
2011 National Rates	n/a	155.4	n/a

Death			
	Male	Female	Total
Deaths	n/a	730	n/a
2012 Death Rates	n/a	18.0	n/a
2011 National Rates	n/a	21.5	n/a

### Stage at Diagnosis

#### 2012 Washington State Female Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	100%
Local	99%
Regional	85%
Distant	25%
Unstaged	49%
Overall	92%

n/a Not available for sex-specific sites.

Figures include in situ and invasive cancers

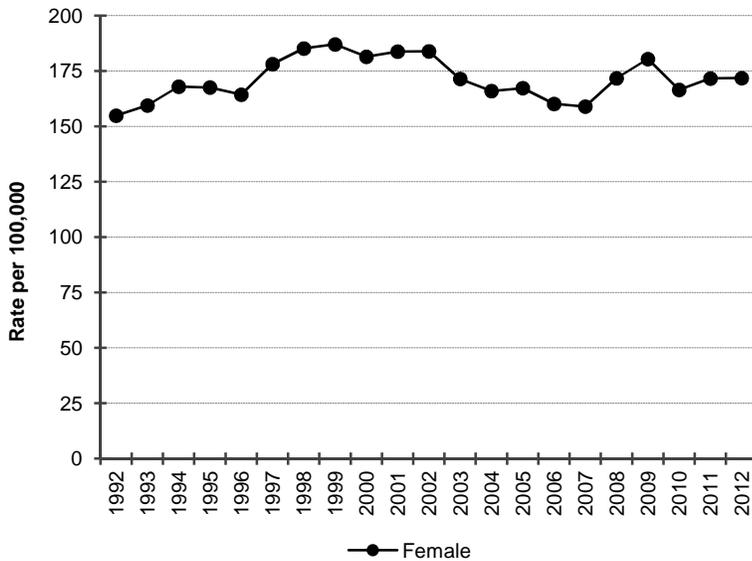
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

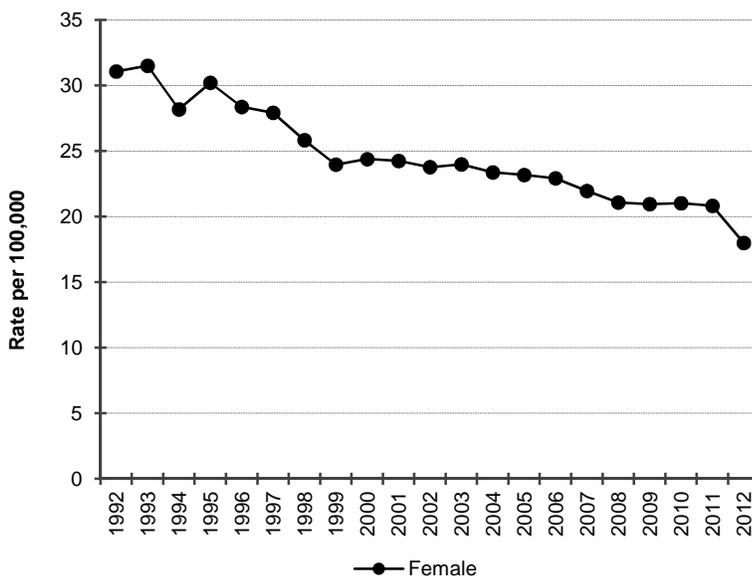
# Breast (Female)

Washington State Female Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For female breast cancer age-adjusted incidence rates have increased steadily by 2.8% per year from 1992 to 1999; rates decreased steadily by 2.0% per year from 1999 to 2006; rates remained level since 2006.

Washington State Female Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For female breast cancer age-adjusted mortality rates have decreased steadily by 2.3% per year from 1992 to 2012.

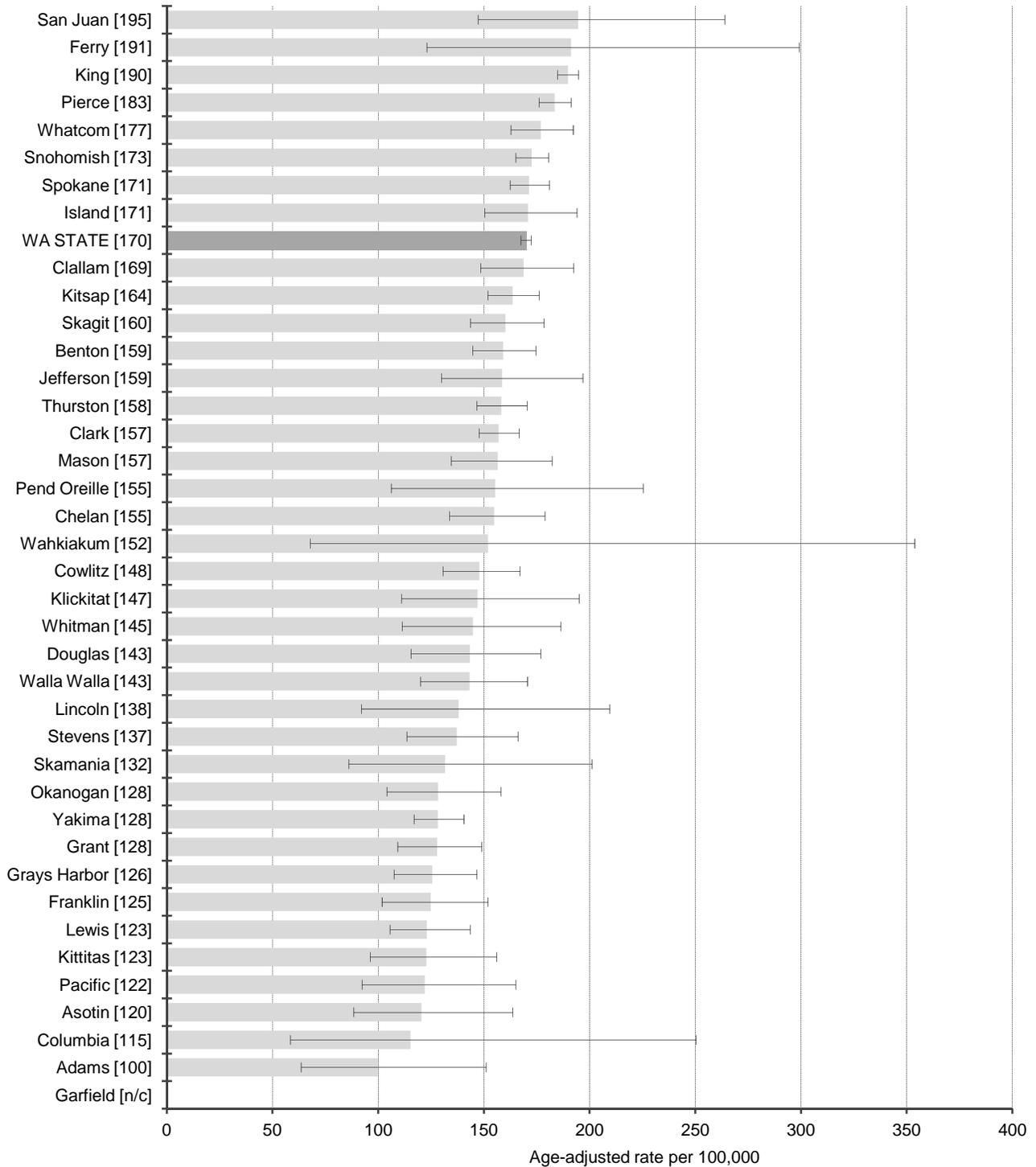
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Breast (Female)

2010-2012 Washington State Female Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

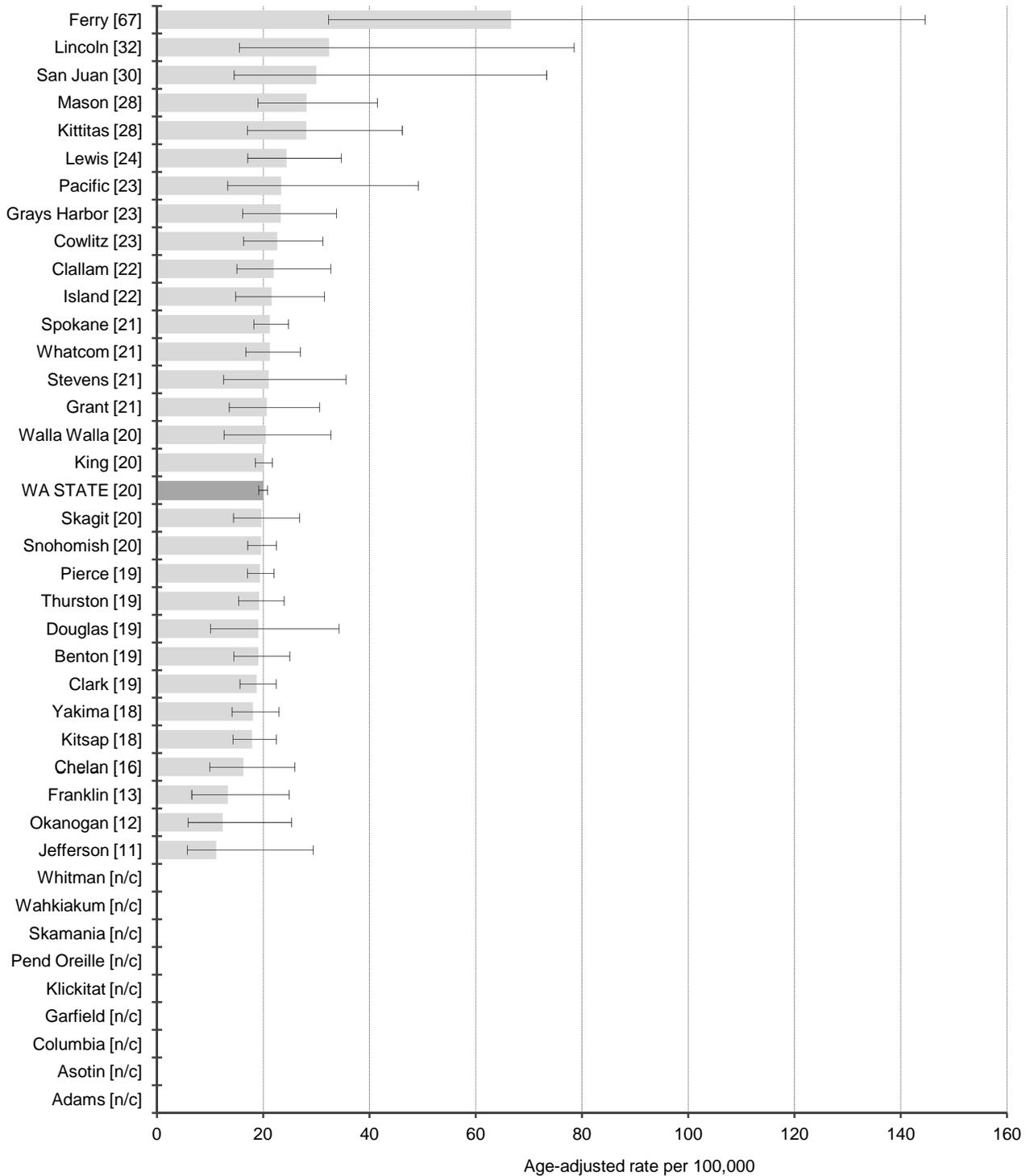
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Breast (Female)

2010-2012 Washington State Female Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Cervix (Uterine)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C53.0-C53.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992 and excluding in situ. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 180.0-180.9 (1992-1998), ICD-10 code C53 (1999-2012).

## 2012 Washington State Female Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

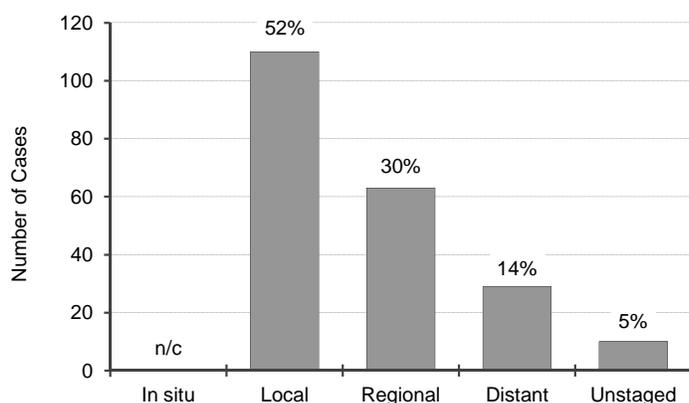
Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	212	n/a
2012 Incidence Rates	n/a	6.0	n/a
2011 National Rates	n/a	7.4	n/a

Death			
	Male	Female	Total
Deaths	n/a	70	n/a
2012 Death Rates	n/a	1.9	n/a
2011 National Rates	n/a	2.3	n/a

### Stage at Diagnosis

#### 2012 Washington State Female Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	91%
Regional	58%
Distant	17%
Unstaged	55%
Overall	68%

n/a=not available

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

Figures include only invasive cancers

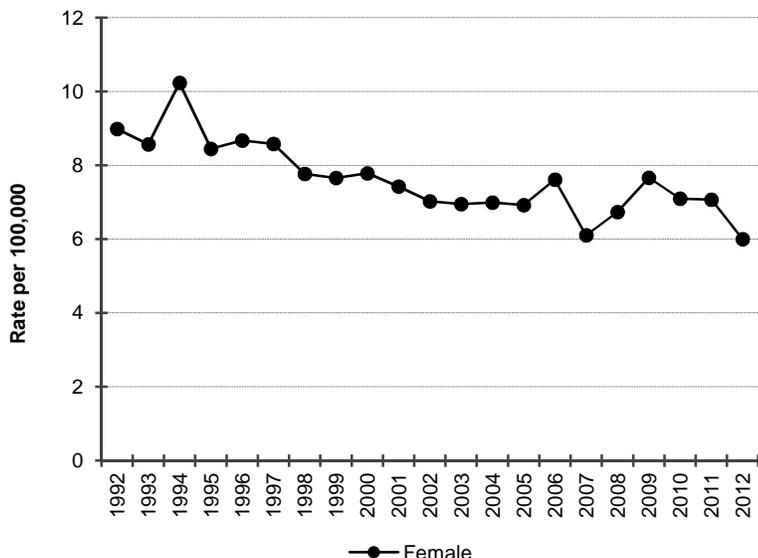
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

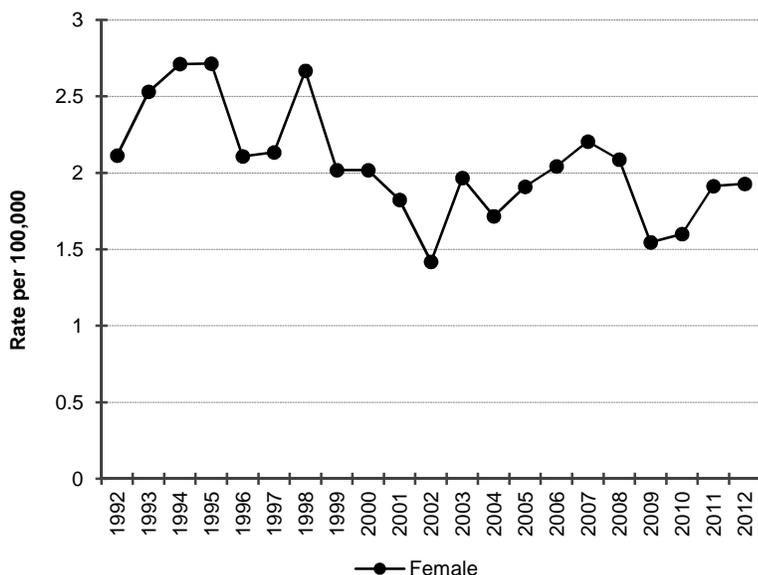
# Cervix (Uterine)

Washington State Female Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For cervical cancer age-adjusted incidence rates have decreased steadily by 1.7% per year from 1992 to 2012.

Washington State Female Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For cervical cancer age-adjusted mortality rates have decreased steadily by 1.7% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

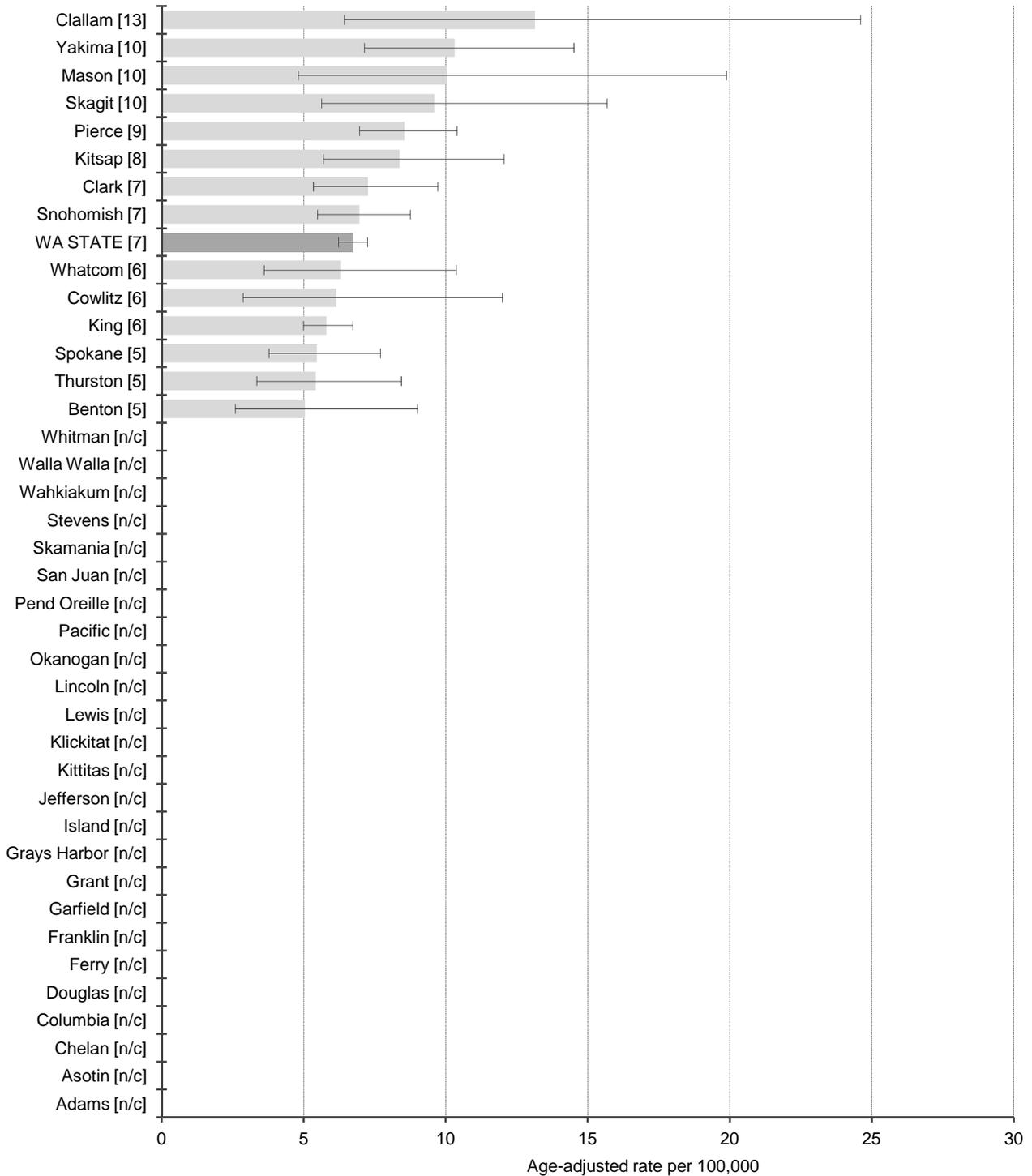
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Cervix (Uterine)

2010-2012 Washington State Female Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

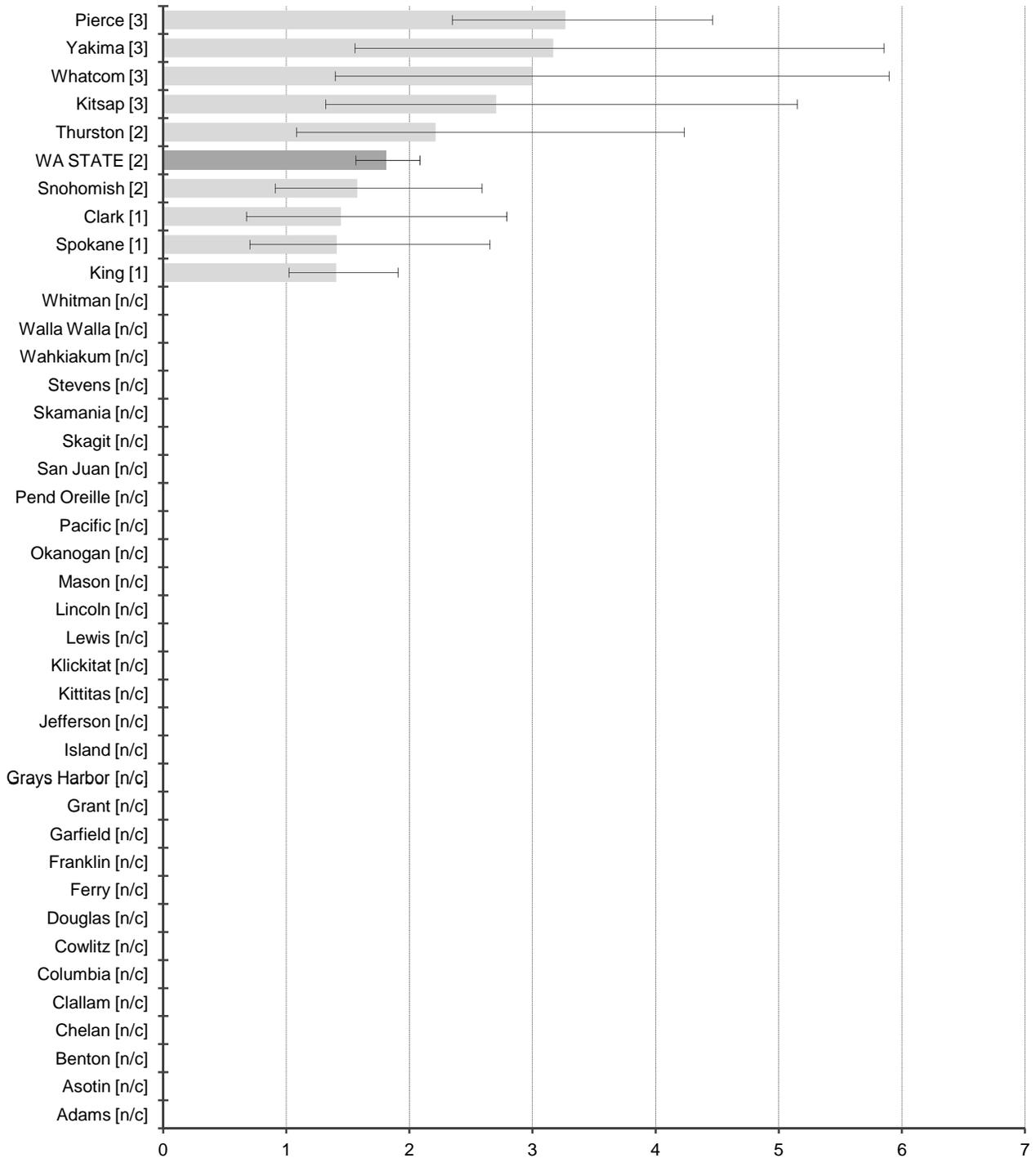
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Cervix (Uterine)

2010-2012 Washington State Female Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Colorectal

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C18.0-C18.9, C19.9, C20.9, C26.0, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 153.0-154.1, 159.0 (1992-1998), ICD-10 codes C18-C20, C26.0 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

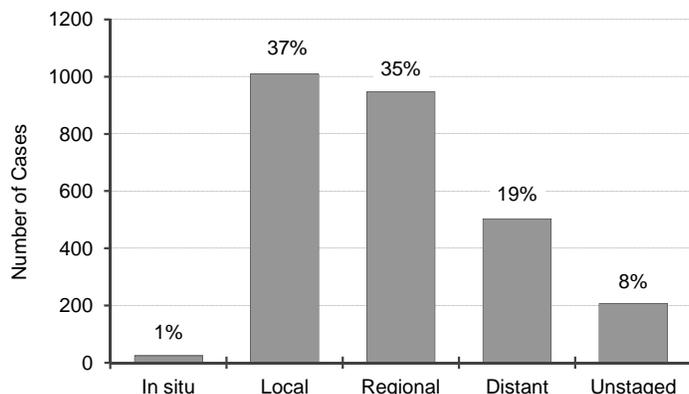
Incidence			
	Male	Female	Total
All Reportable Cancers	1,395	1,296	2,691
2012 Incidence Rates	40.4	33.0	36.5
2011 National Rates	48.5	36.5	41.9

Death			
	Male	Female	Total
Deaths	521	449	970
2012 Death Rates	15.8	10.9	13.1
2011 National Rates	18.1	12.8	15.1

### Stage at Diagnosis

#### 2012 Washington State Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	95%
Local	90%
Regional	71%
Distant	13%
Unstaged	33%
Overall	66%

Figures include in situ and invasive cancers

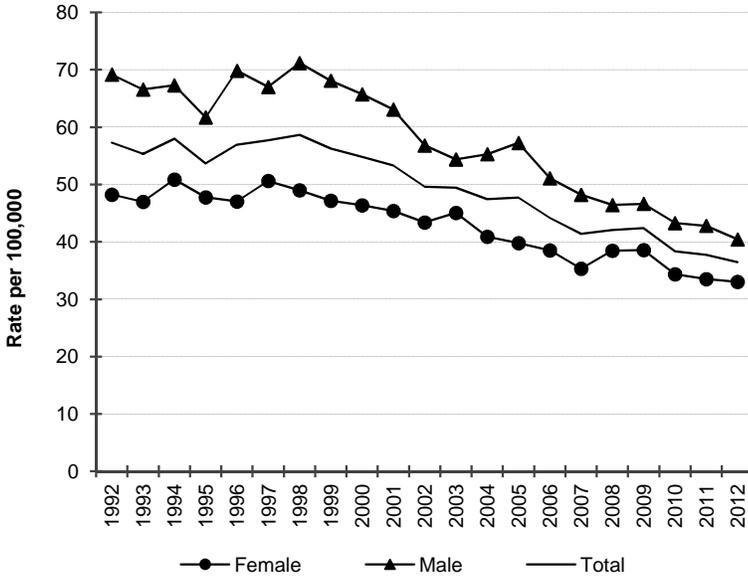
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Colorectal

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



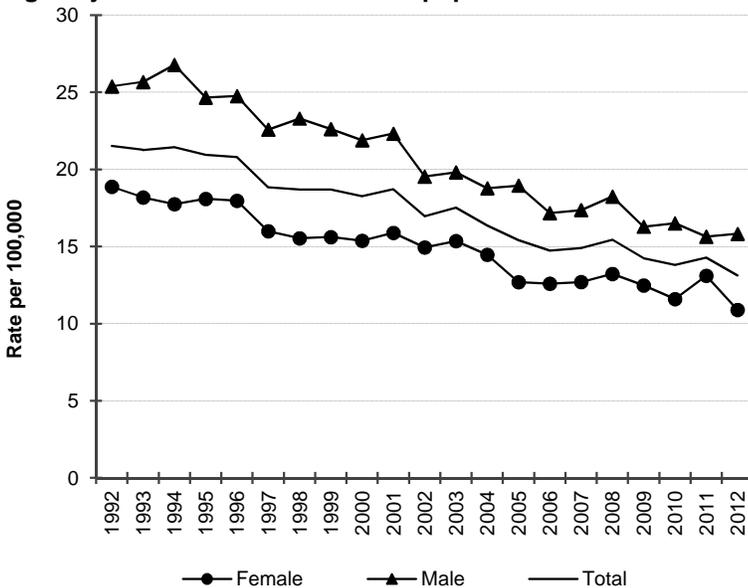
For colorectal cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 1998; decreased steadily by 3.2% per year since 1998.

**Men:** Rates remained level from 1992 to 1998; decreased steadily by 3.7% per year since 1998.

**Women:** Rates remained level from 1992 to 1998; decreased steadily by 2.8% per year since 1998.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For colorectal cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 2.5% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 2.7% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 2.4% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

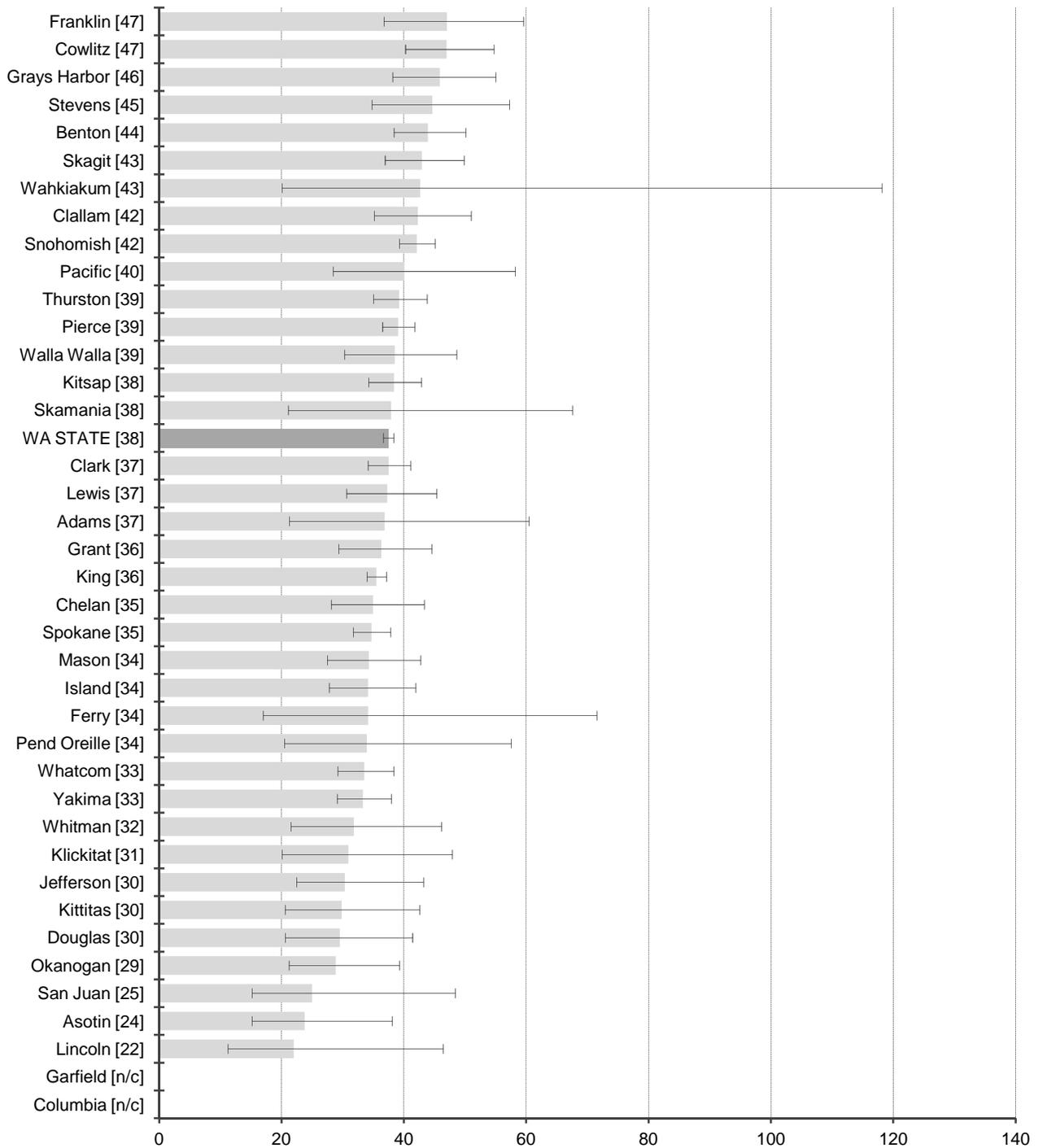
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Colorectal

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

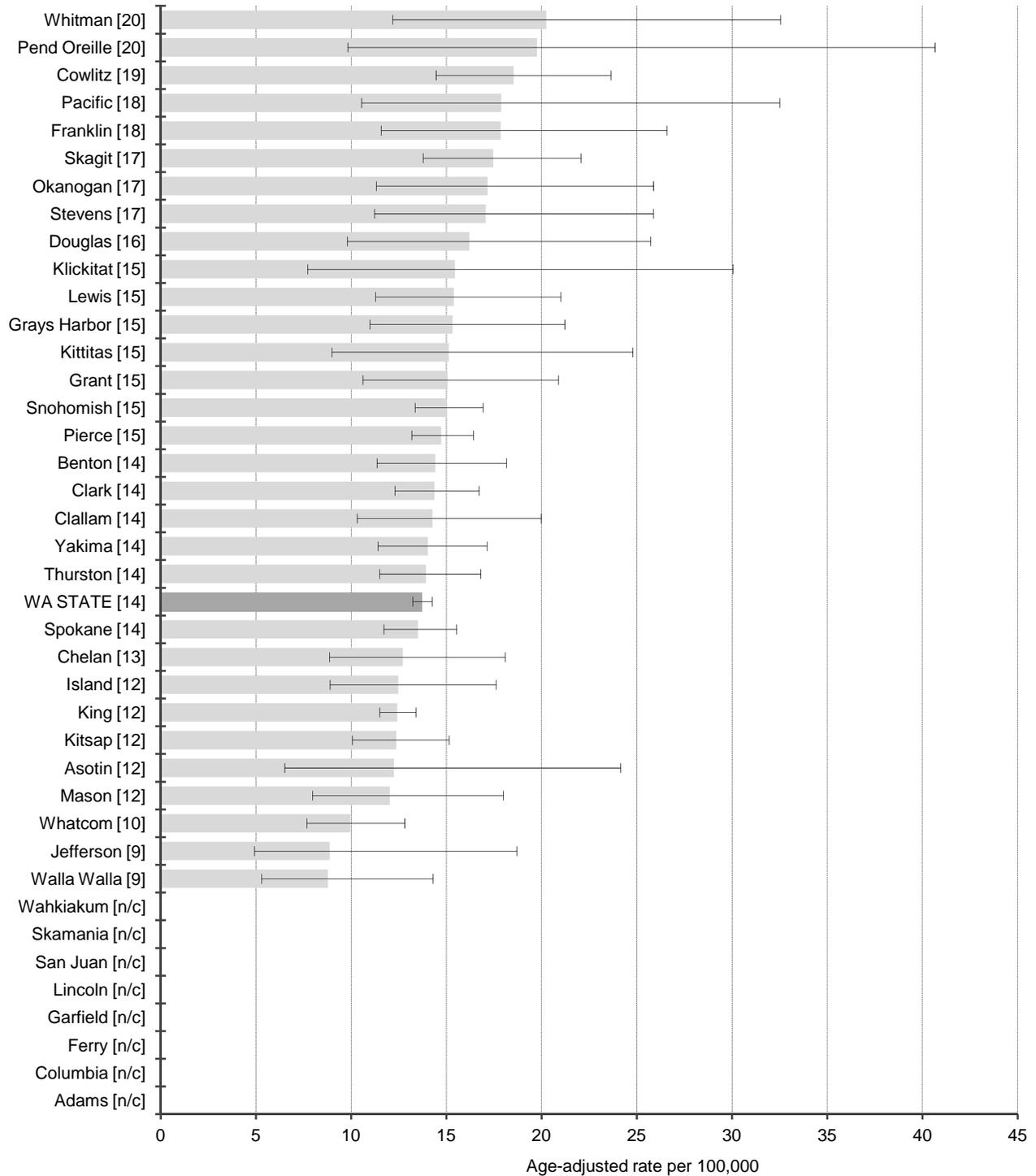
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Colorectal

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Endometrium

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C54.0-C54.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 182.0-182.1, 182.8 (1992-1998), ICD-10 codes C54 (1999-2012).

## 2012 Washington State Female Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

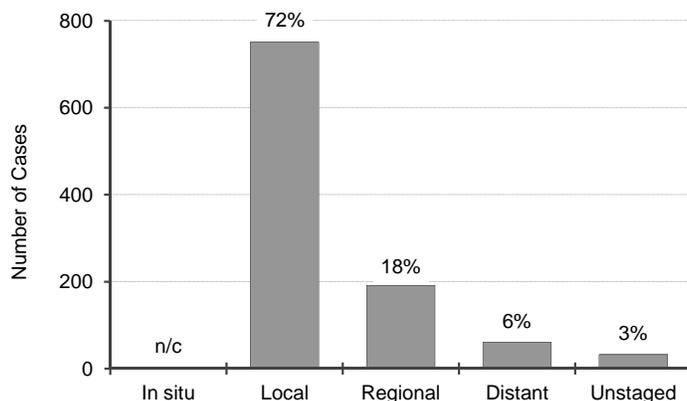
Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	1,042	n/a
2012 Incidence Rates	n/a	25.1	n/a
2011 National Rates	n/a	24.3	n/a

Death			
	Male	Female	Total
Deaths	n/a	81	n/a
2012 Death Rates	n/a	1.9	n/a
2011 National Rates	n/a	1.9	n/a

### Stage at Diagnosis

#### 2012 Washington State Female Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	98%
Local	95%
Regional	69%
Distant	19%
Unstaged	51%
Overall	83%

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

Figures include in situ and invasive cancers

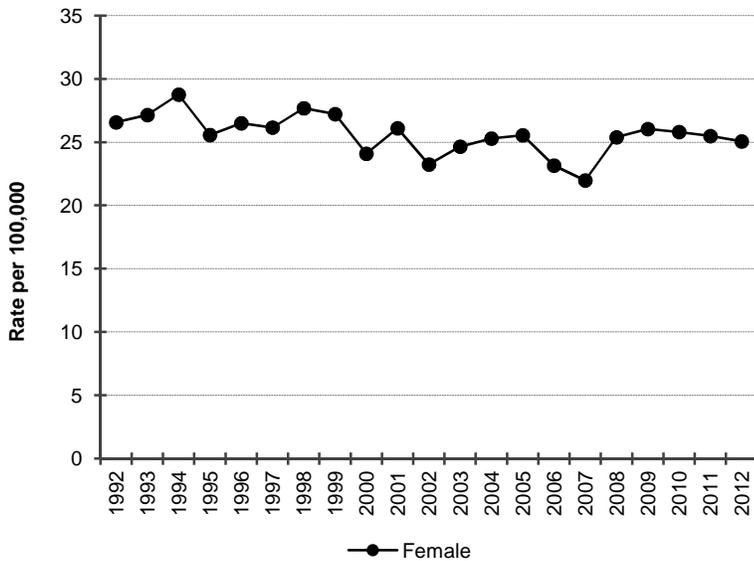
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

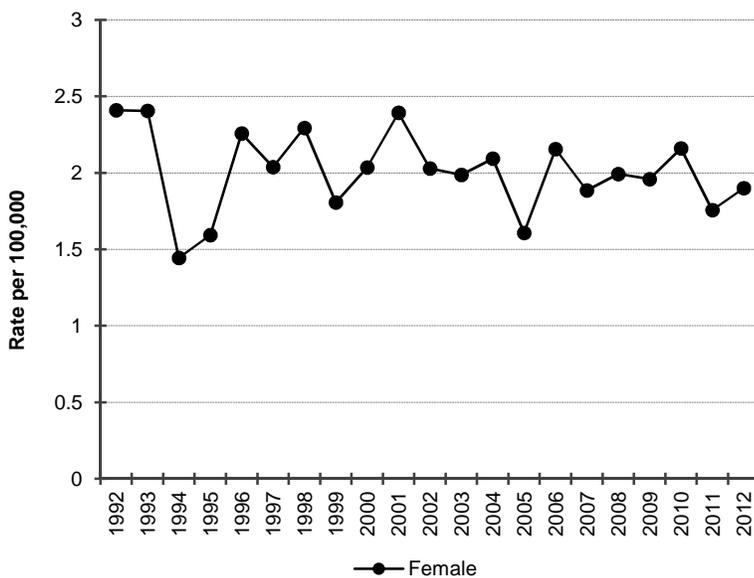
# Endometrium

Washington State Female Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For endometrial cancer age-adjusted incidence rates have decreased slightly by 0.5% per year from 1992 to 2012.

Washington State Female Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For endometrial cancer age-adjusted mortality rates have remained level from 1992 to 2012.

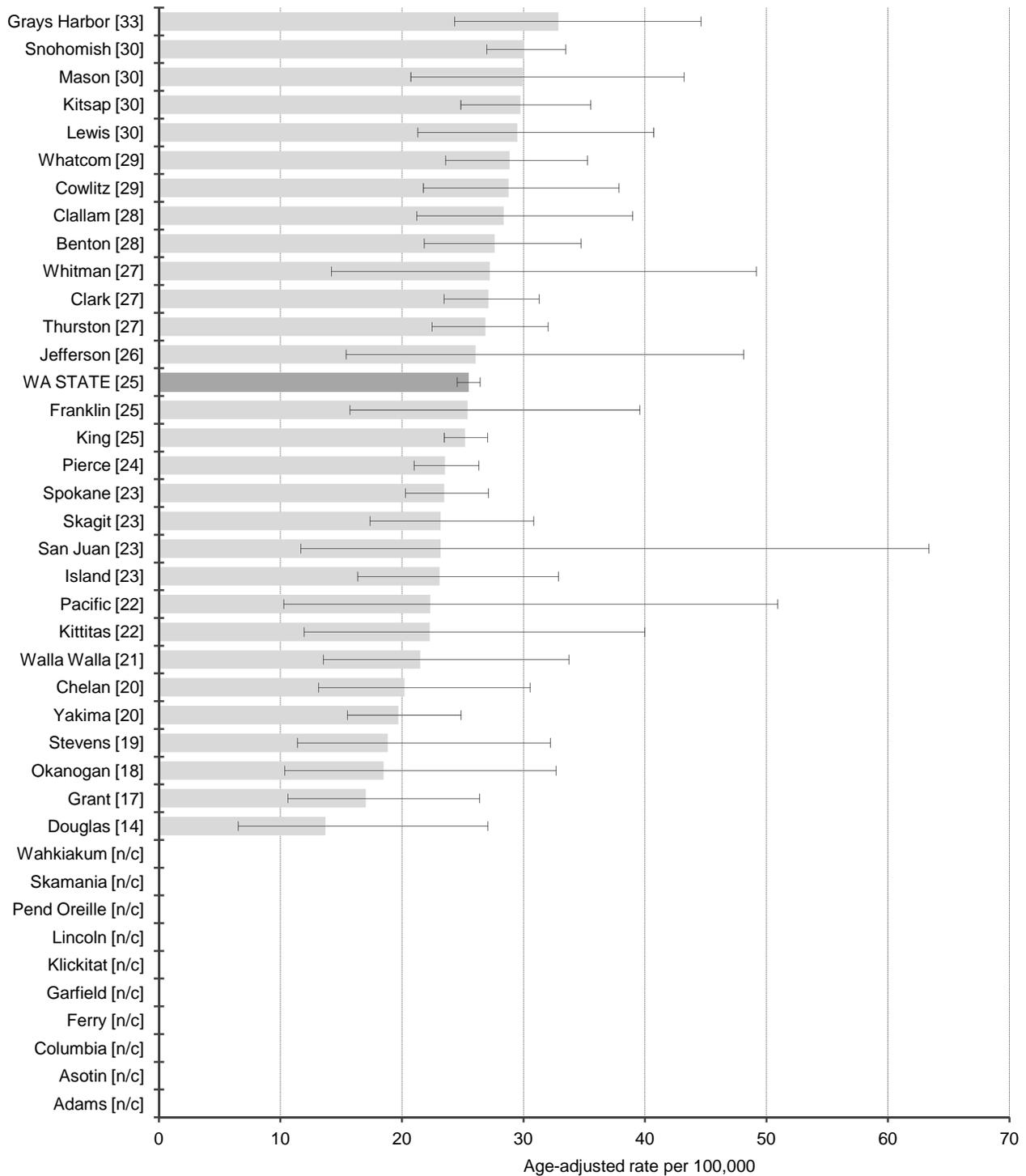
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Endometrium

2010-2012 Washington State Female Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

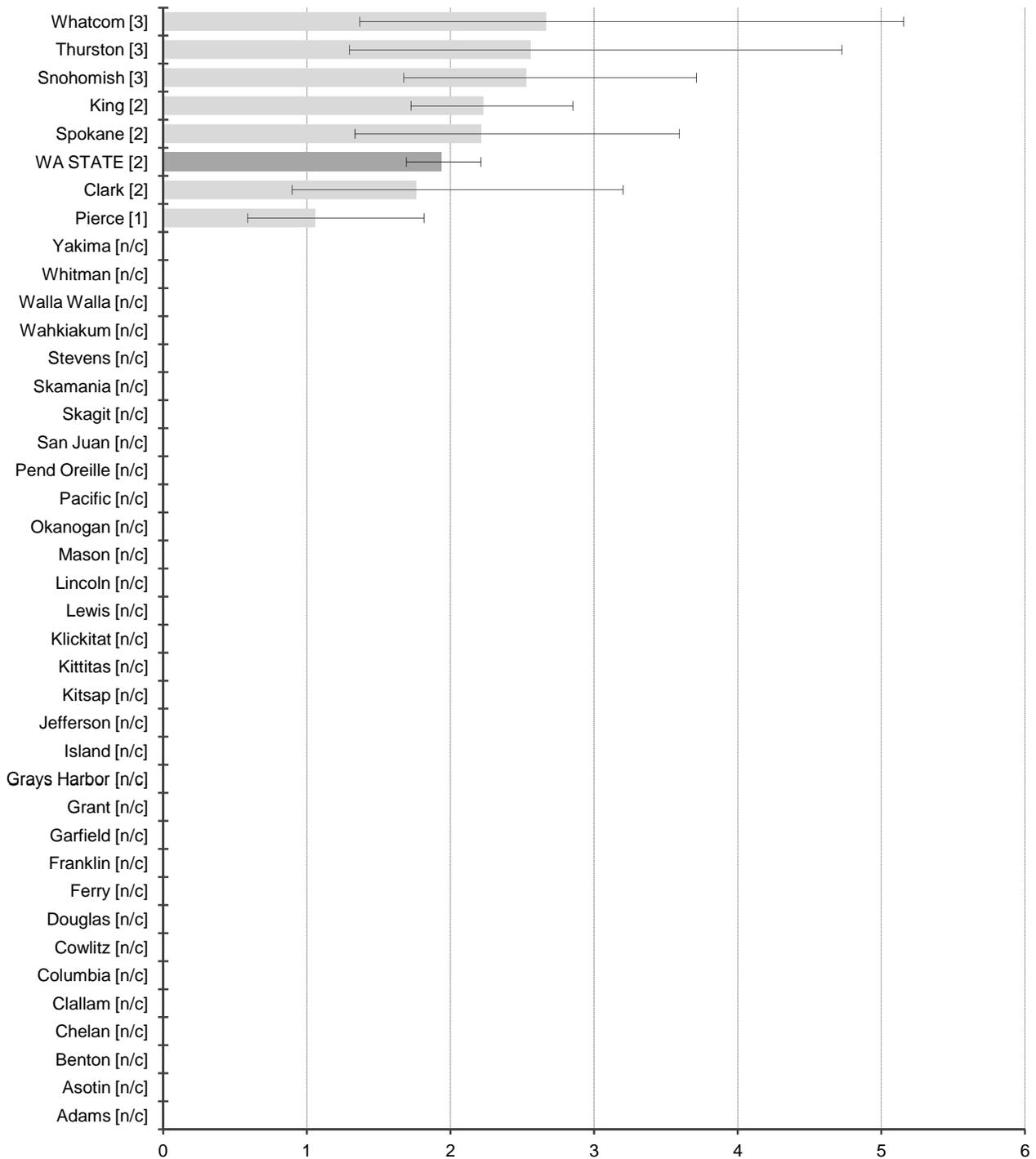
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Endometrium

2010-2012 Washington State Female Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Esophagus

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C15.0-C15.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 150.0-150.9 (1992-1998), ICD-10 code C15 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

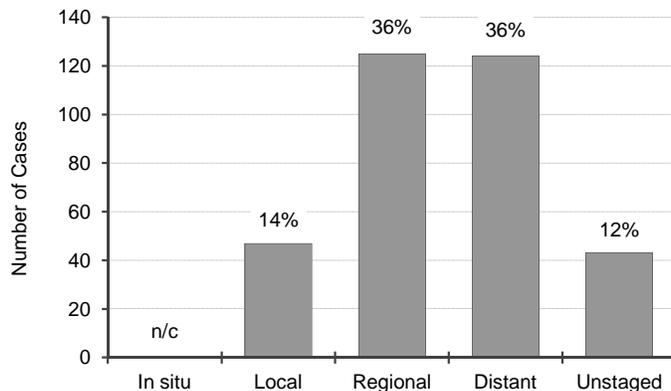
Incidence			
	Male	Female	Total
All Reportable Cancers	264	80	345
2012 Incidence Rates	7.5	2.1	4.6
2011 National Rates	7.5	1.7	4.3

Death			
	Male	Female	Total
Deaths	260	70	330
2012 Death Rates	7.6	1.8	4.4
2011 National Rates	7.4	1.5	4.2

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	66%
Local	40%
Regional	22%
Distant	4%
Unstaged	11%
Overall	18%

n/c not calculated because the number of cases is less than 10.

Figures include in situ and invasive cancers

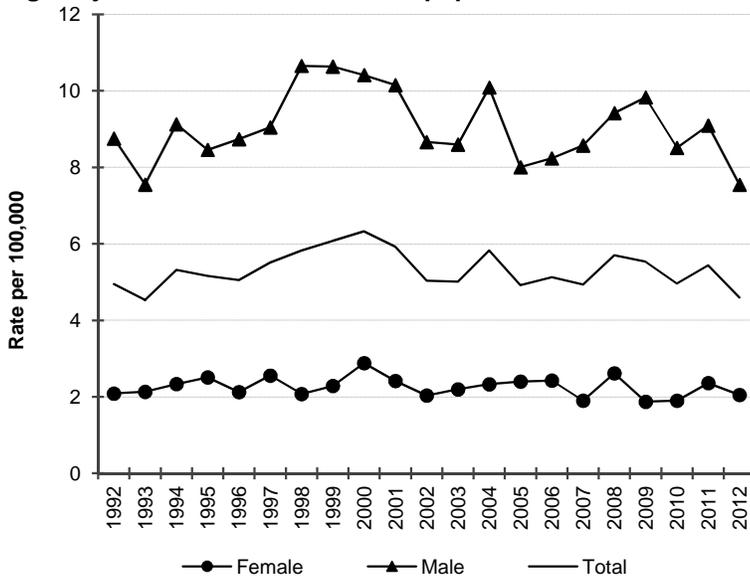
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

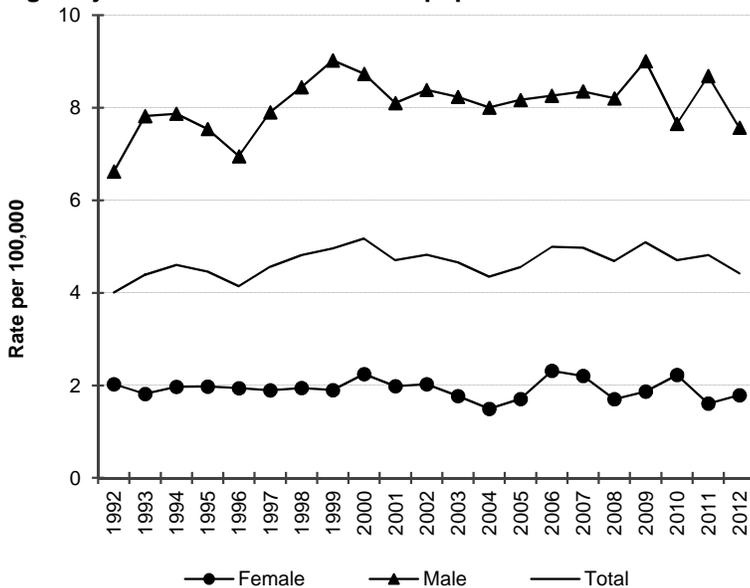
# Esophagus

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For esophageal cancer age-adjusted incidence rates have changed as follows.  
**Both sexes combined:** Rates remained level from 1992 to 1999; decreased steadily by 1.3% per year since 1999.  
**Men:** Rates remained level from 1992 to 1999; decreased steadily by 1.5% per year since 1999.  
**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For esophageal cancer age-adjusted mortality rates have changed as follows.  
**Both sexes combined:** Rates remained level from 1992 to 2012.  
**Men:** Rates remained level from 1992 to 2012.  
**Women:** Rates remained level from 1992 to 2012.

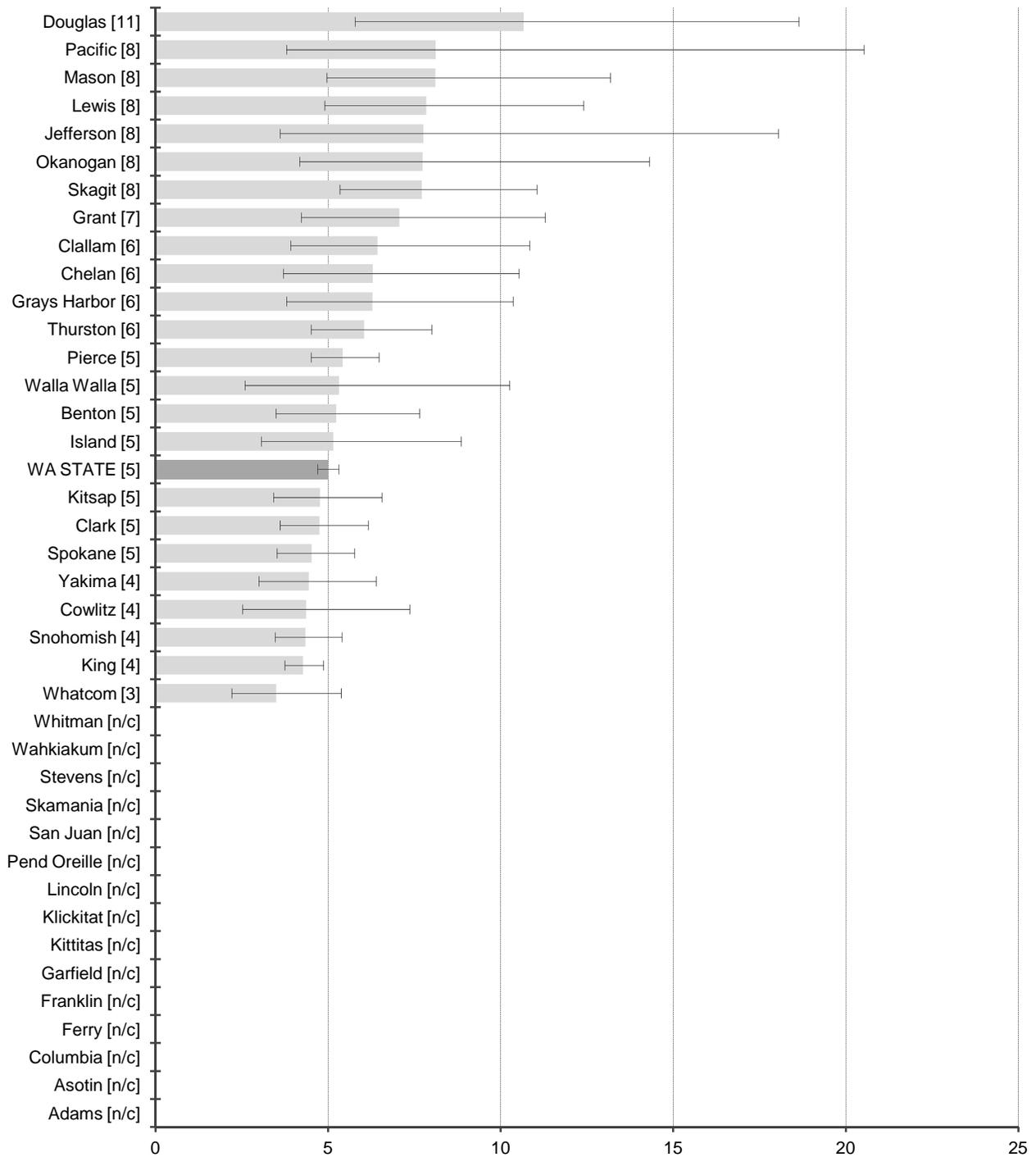
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Esophagus

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

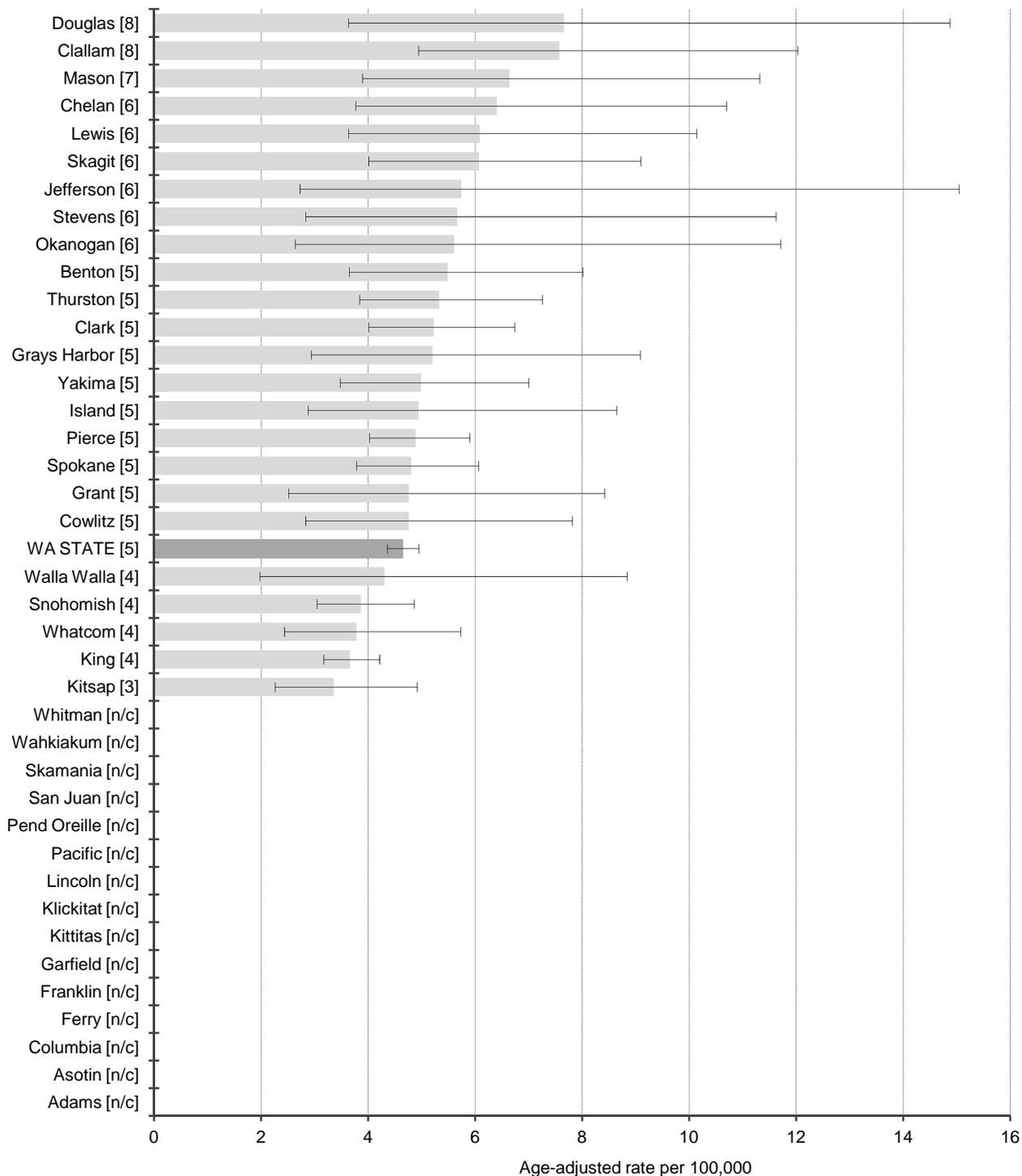
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Esophagus

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Hodgkin Lymphoma

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using all primary sites with histology codes 9650-9667. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 201.0-201.9 (1992-1998), ICD-10 code C81 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

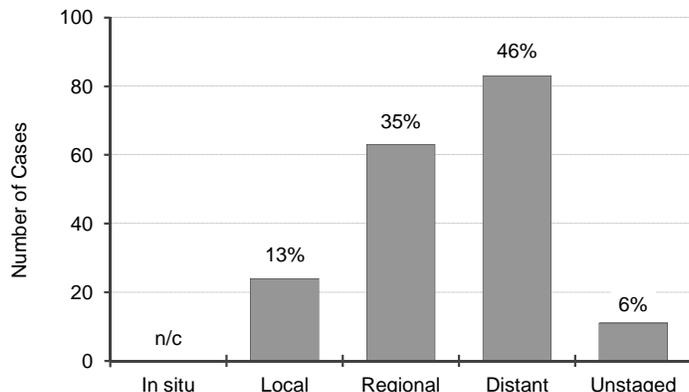
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	112	69	181
2012 Incidence Rates	3.3	2.0	2.6
2011 National Rates	2.9	2.4	2.6

Death			
	Male	Female	Total
Deaths	13	10	23
2012 Death Rates	0.4	0.3	0.3
2011 National Rates	0.5	0.3	0.4

### Stage at Diagnosis

2012 Washington State Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	91%
Regional	93%
Distant	77%
Unstaged	81%
Overall	86%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

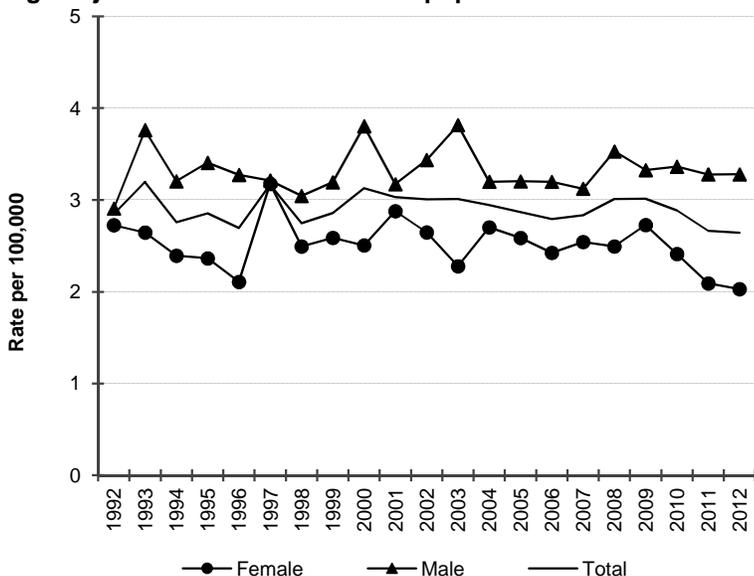
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Hodgkin Lymphoma

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



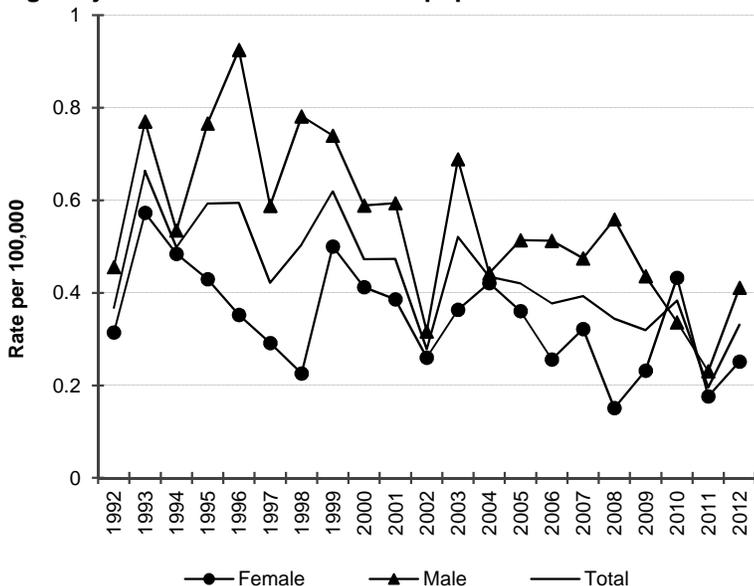
For Hodgkin Lymphoma age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For Hodgkin lymphoma age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 3.1% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 3.5% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 2.7% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

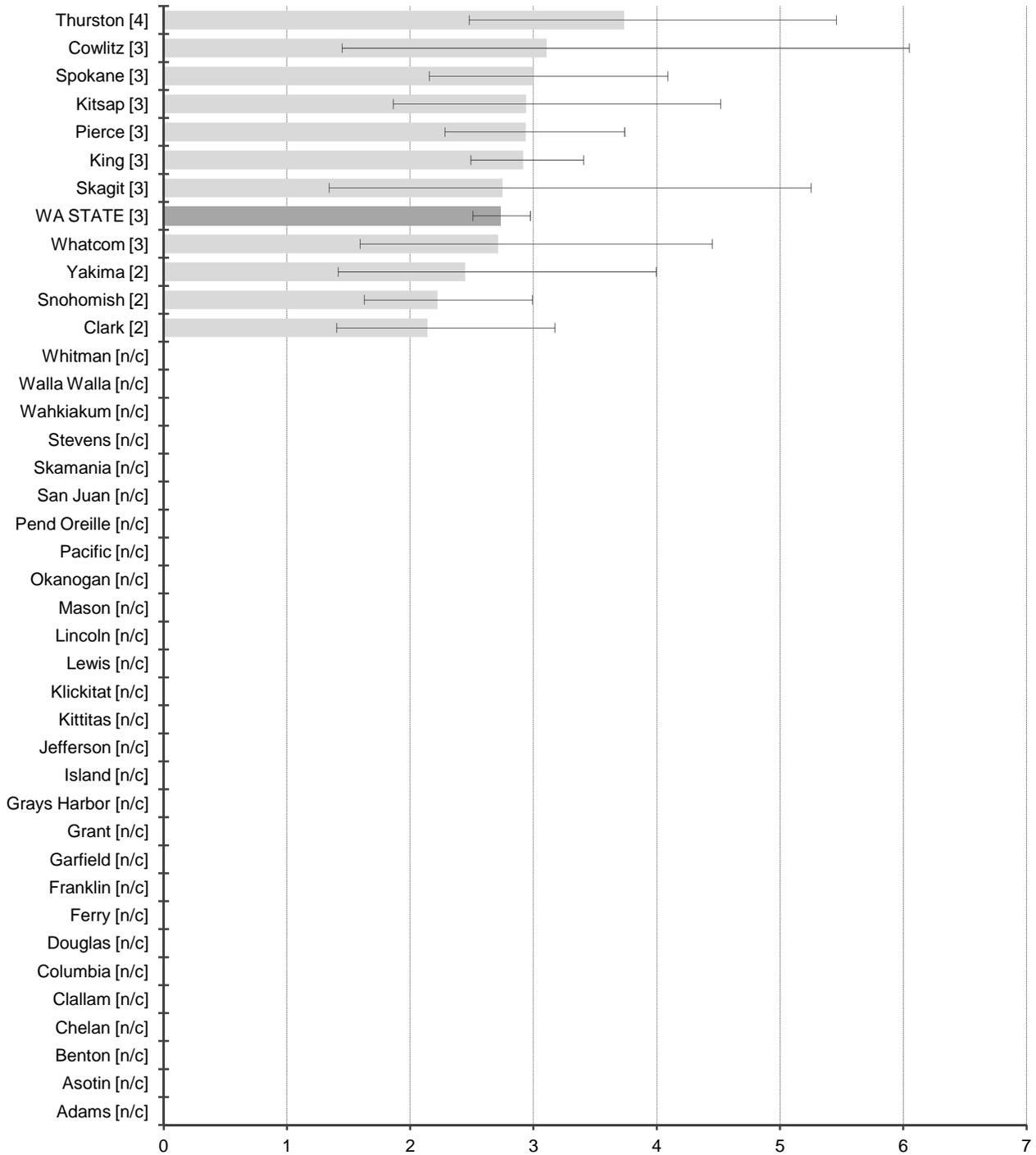
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Hodgkin Lymphoma

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

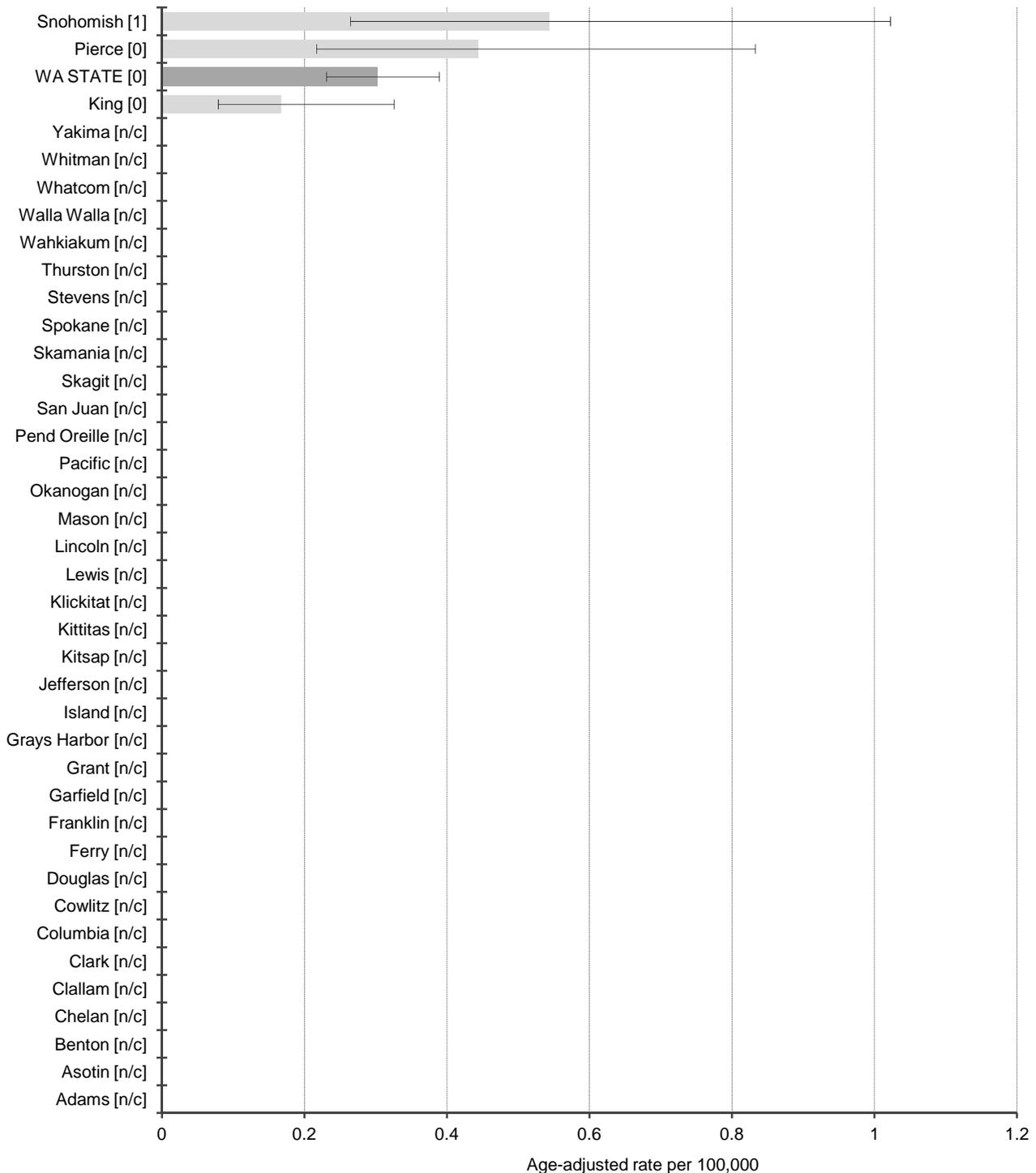
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Hodgkin Lymphoma

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Kidney and Renal Pelvis

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C64.9, C65.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 189.0, 189.1 (1992-1998), ICD-10 codes C64-C65 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

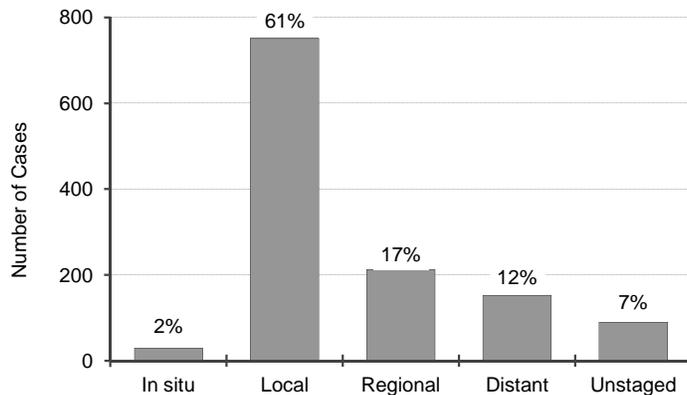
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	801	434	1,235
2012 Incidence Rates	22.7	11.1	16.5
2011 National Rates	21.1	10.8	15.5

Death			
	Male	Female	Total
Deaths	206	89	295
2012 Death Rates	6.3	2.3	4.1
2011 National Rates	5.7	2.5	3.9

### Stage at Diagnosis

2012 Washington State Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	90%
Local	92%
Regional	64%
Distant	12%
Unstaged	33%
Overall	73%

Figures include in situ and invasive cancers

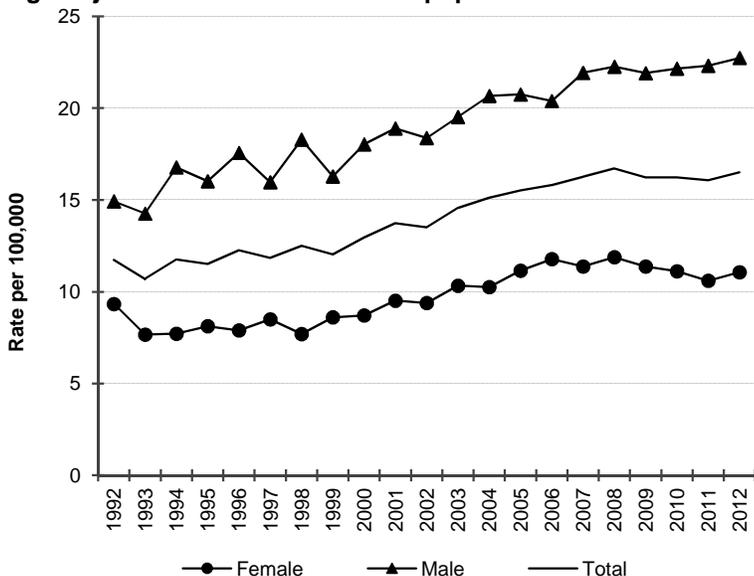
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Kidney and Renal Pelvis

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



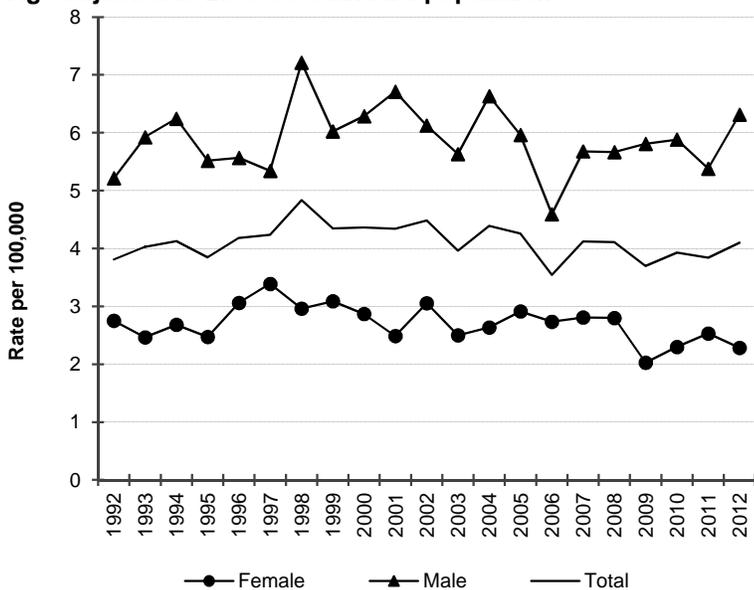
For kidney and renal pelvis age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased steadily by 1.5% per year from 1992 to 1999; increased steadily by 3.6% per year from 1999 to 2007; remained level since 2007.

**Men:** Rates increased steadily by 2.2% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 1994; increased steadily by 3.7% per year from 1994 to 2007; remained level since 2007.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For kidney and renal pelvis cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 1998; decreased steadily by 1.1% per year since 1998.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates decreased slightly by 0.9% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

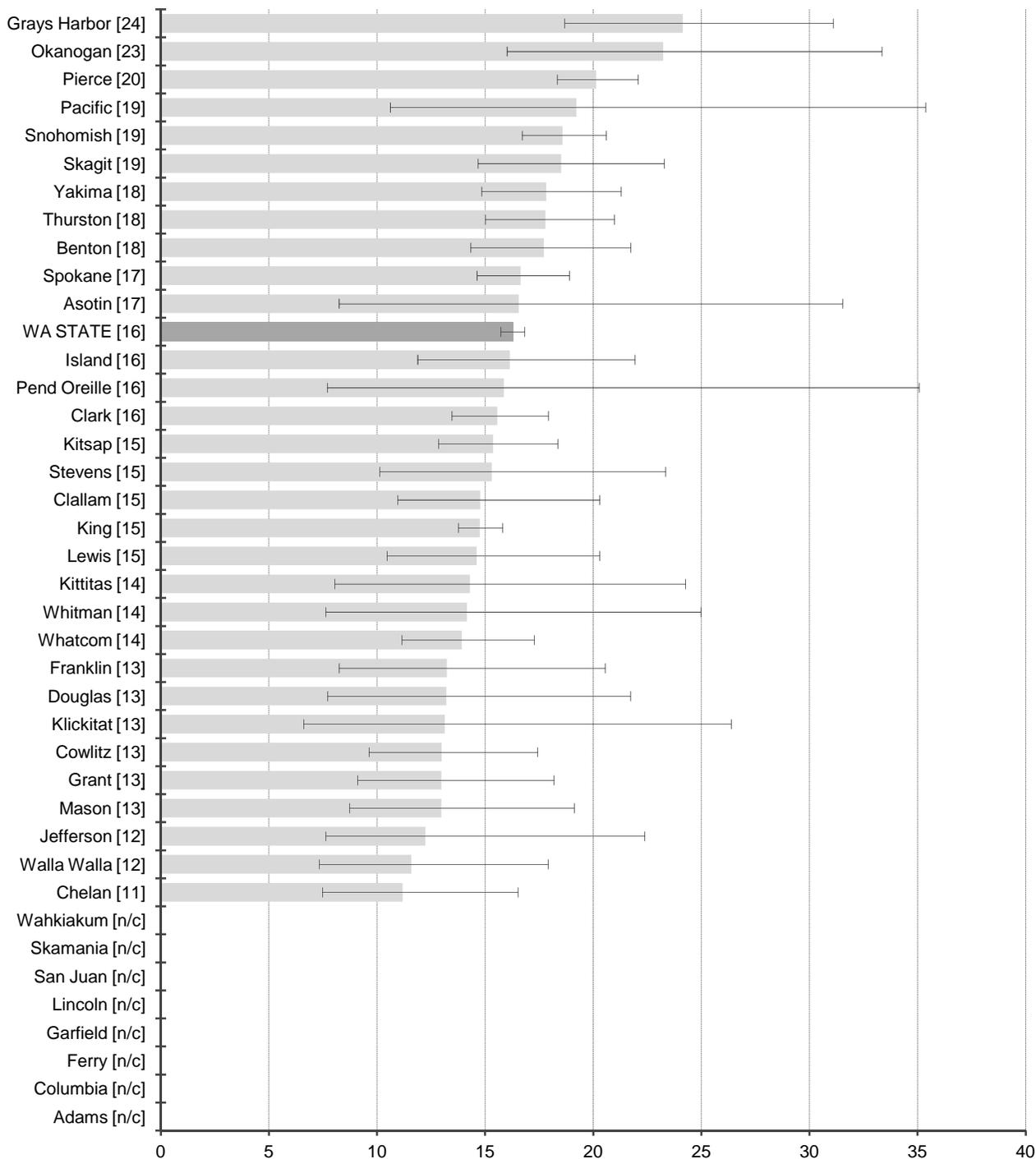
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Kidney and Renal Pelvis

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

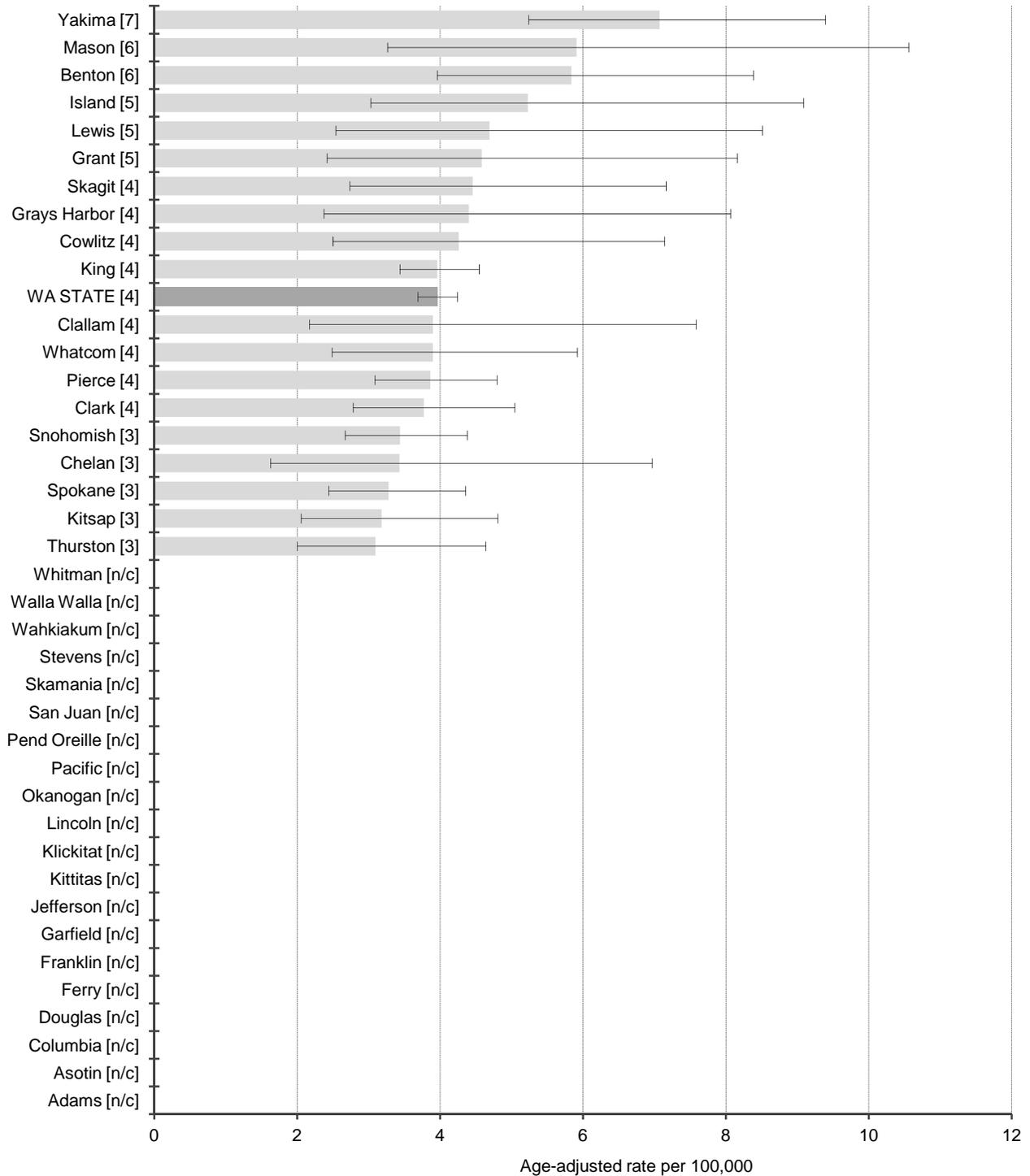
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Kidney and Renal Pelvis

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Larynx

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C32.0-C32.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 161.0-161.9 (1992-1998), ICD-10 code C32 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

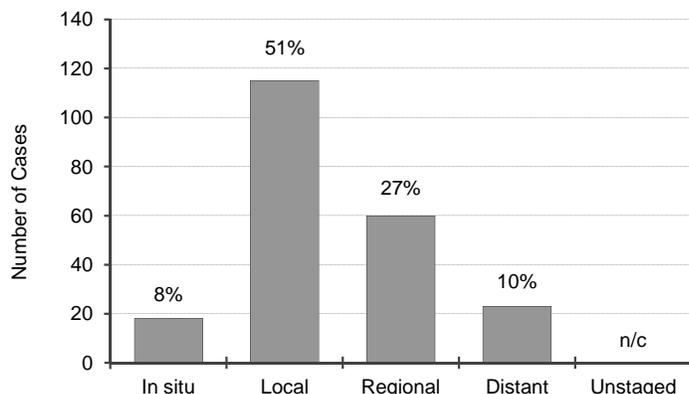
Incidence			
	Male	Female	Total
All Reportable Cancers	176	49	225
2012 Incidence Rates	5.1	1.2	3.0
2011 National Rates	6.0	1.2	3.4

Death			
	Male	Female	Total
Deaths	54	17	71
2012 Death Rates	1.5	0.4	1.0
2011 National Rates	1.9	0.4	1.1

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	96%
Local	74%
Regional	44%
Distant	34%
Unstaged	57%
Overall	62%

n/c not calculated because the number of cases is less than 10.

Figures include in situ and invasive cancers

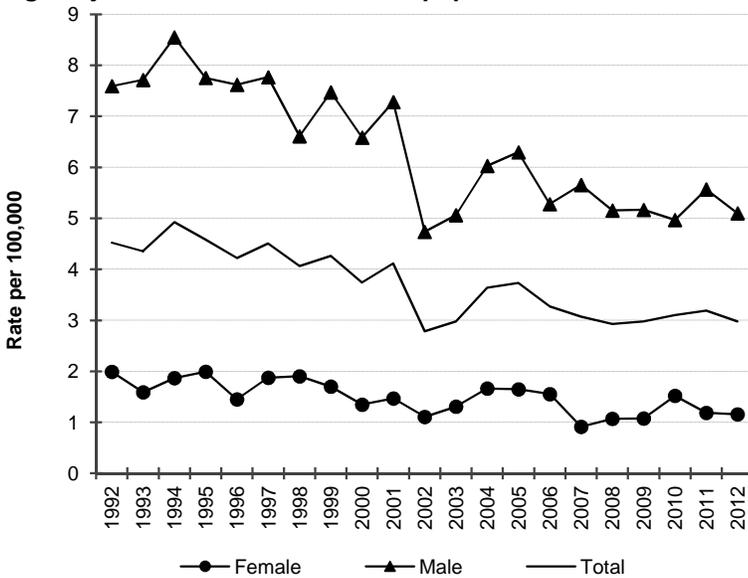
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Larynx

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



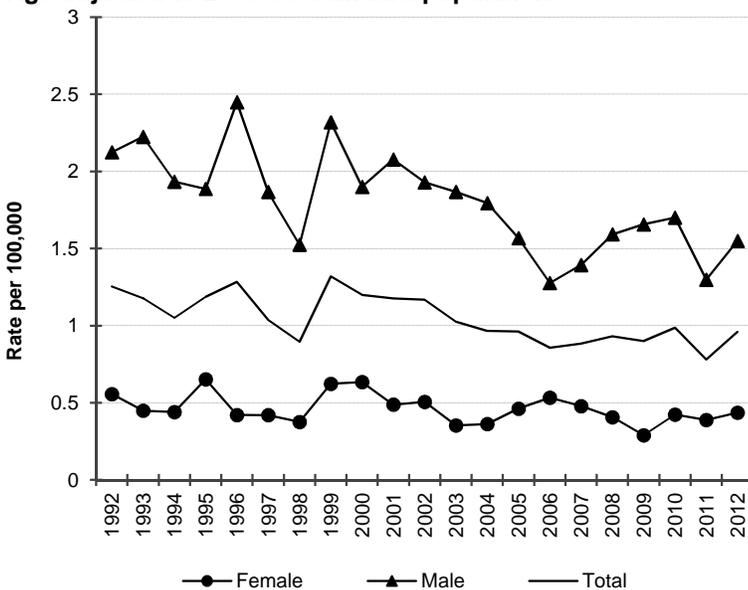
For laryngeal cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 2.5% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 2.6% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 2.5% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For laryngeal cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 1.7% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 2.1% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

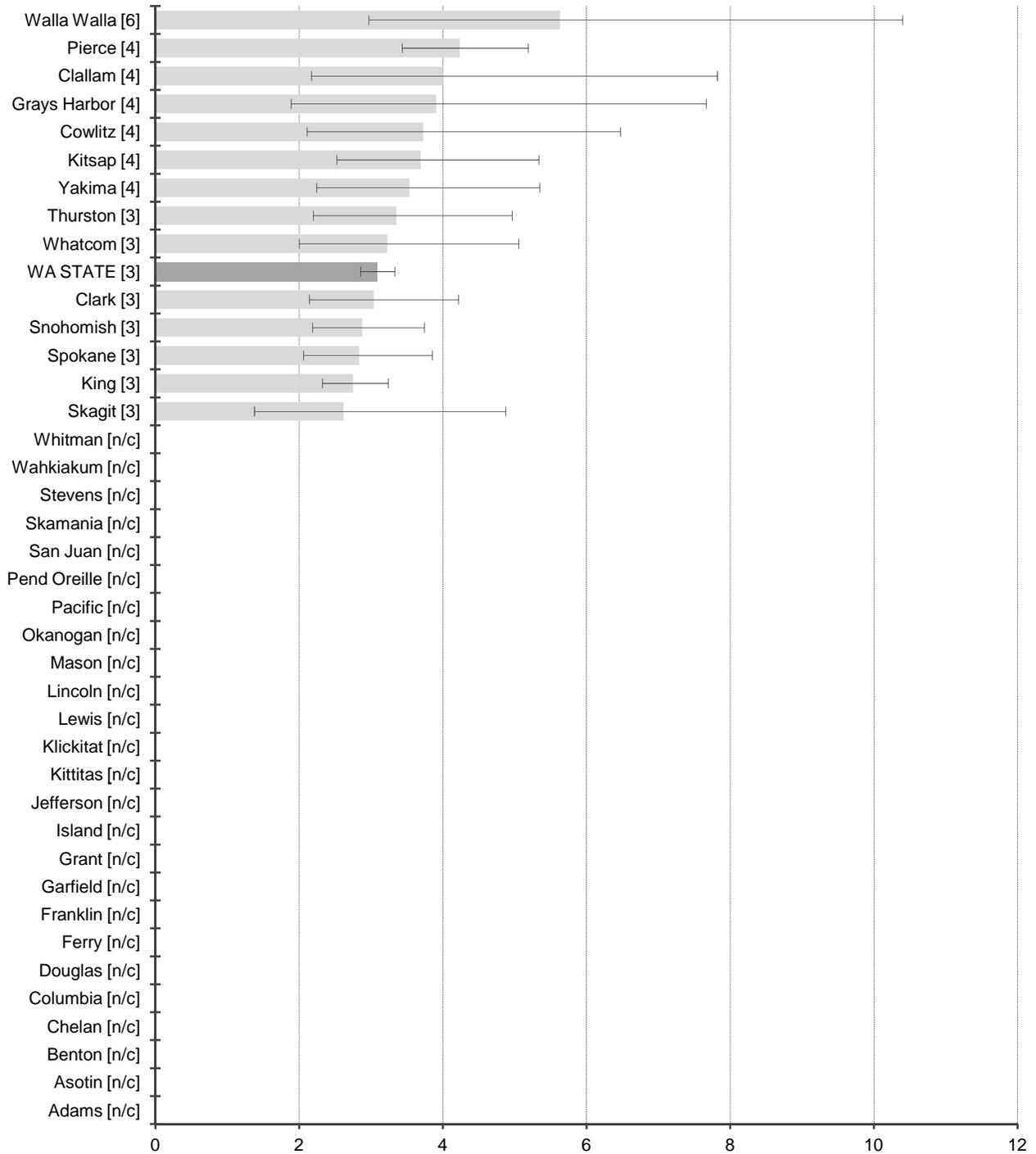
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Larynx

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

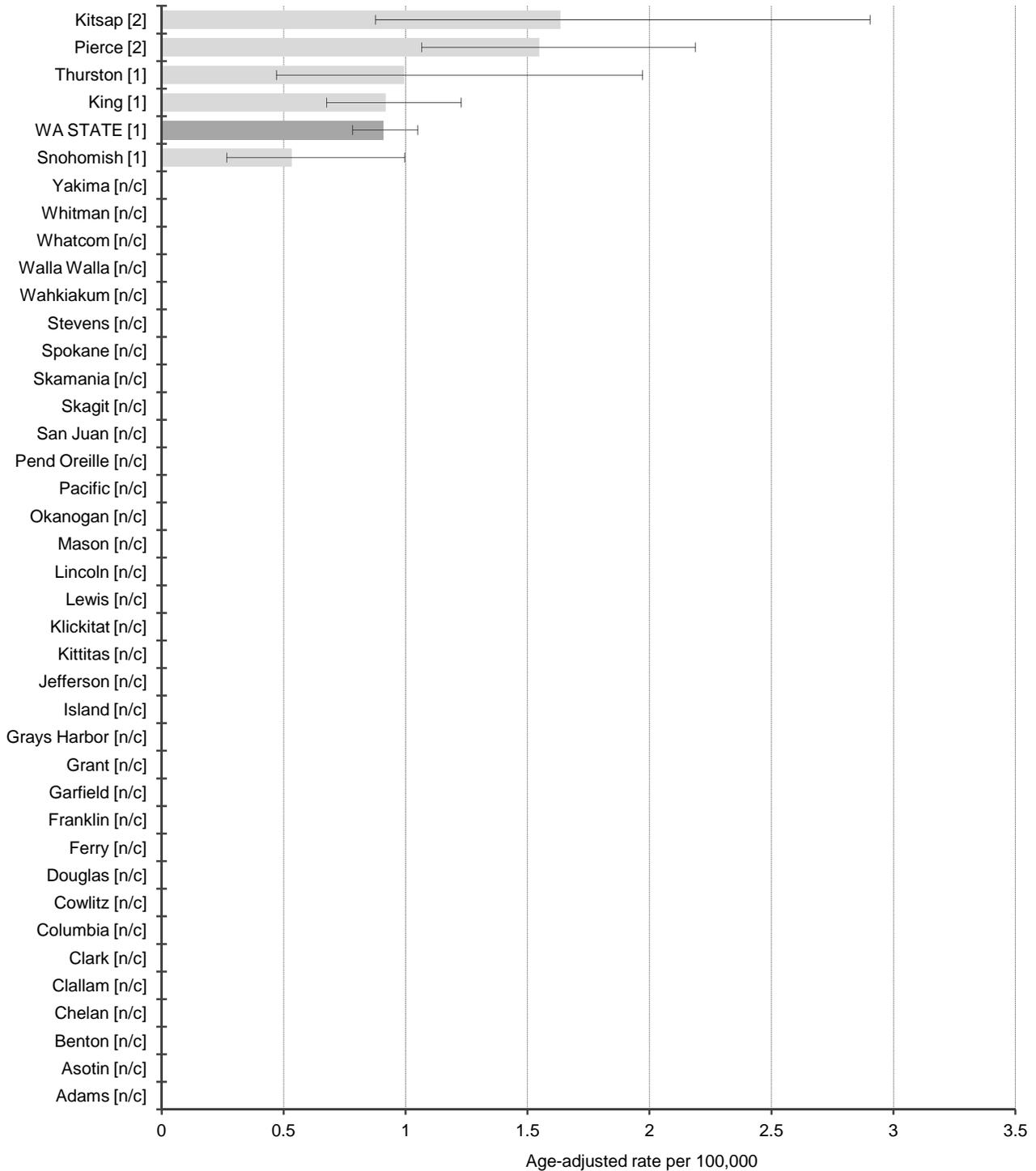
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Larynx

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Leukemia

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using (2009 and earlier) all sites with histology 9733, 9742, 9800-9820, 9826, 9831-9948, 9963, 9964; for sites C420, C421 and C424 only, histology 9823 or 9827; (2010 and later) all sites with histology 9733, 9742, 9800-9810, 9820, 9826, 9831-9836, 9838-9948, 9963, 9964; for sites C420, C421 and C424 only, histology 9823, 9827, 9837, or 9811-9818. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 202.4, 203.1, 204.0-208.9 (1992-1998), ICD-10 codes C90.1, C91-C95 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

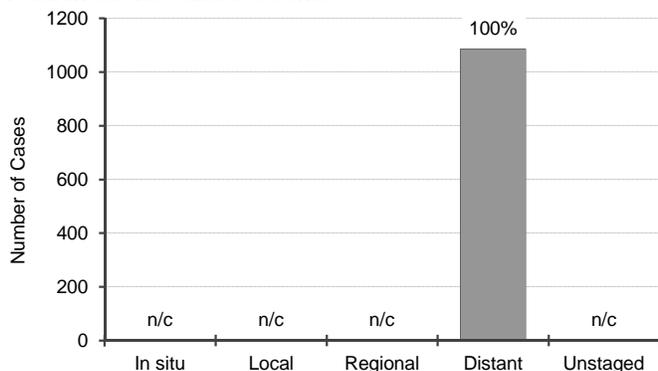
Incidence			
	Male	Female	Total
All Reportable Cancers	641	446	1,087
2012 Incidence Rates	19.2	11.7	15.1
2011 National Rates	16.7	10.4	13.2

Death			
	Male	Female	Total
Deaths	253	184	437
2012 Death Rates	8.1	4.7	6.1
2011 National Rates	9.3	5.2	6.9

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	46%
Regional	n/a
Distant	57%
Unstaged	n/a
Overall	57%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

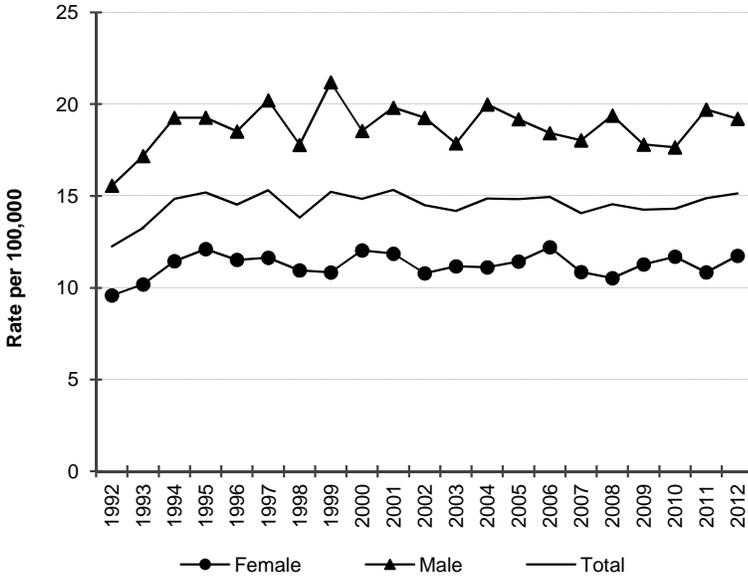
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Leukemia

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



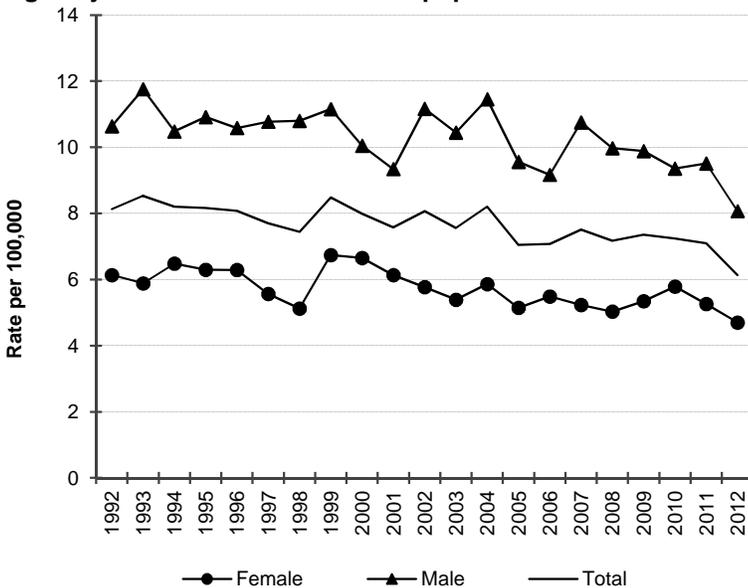
For leukemia age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For leukemia age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 1.0% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 1.0% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 1.1% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

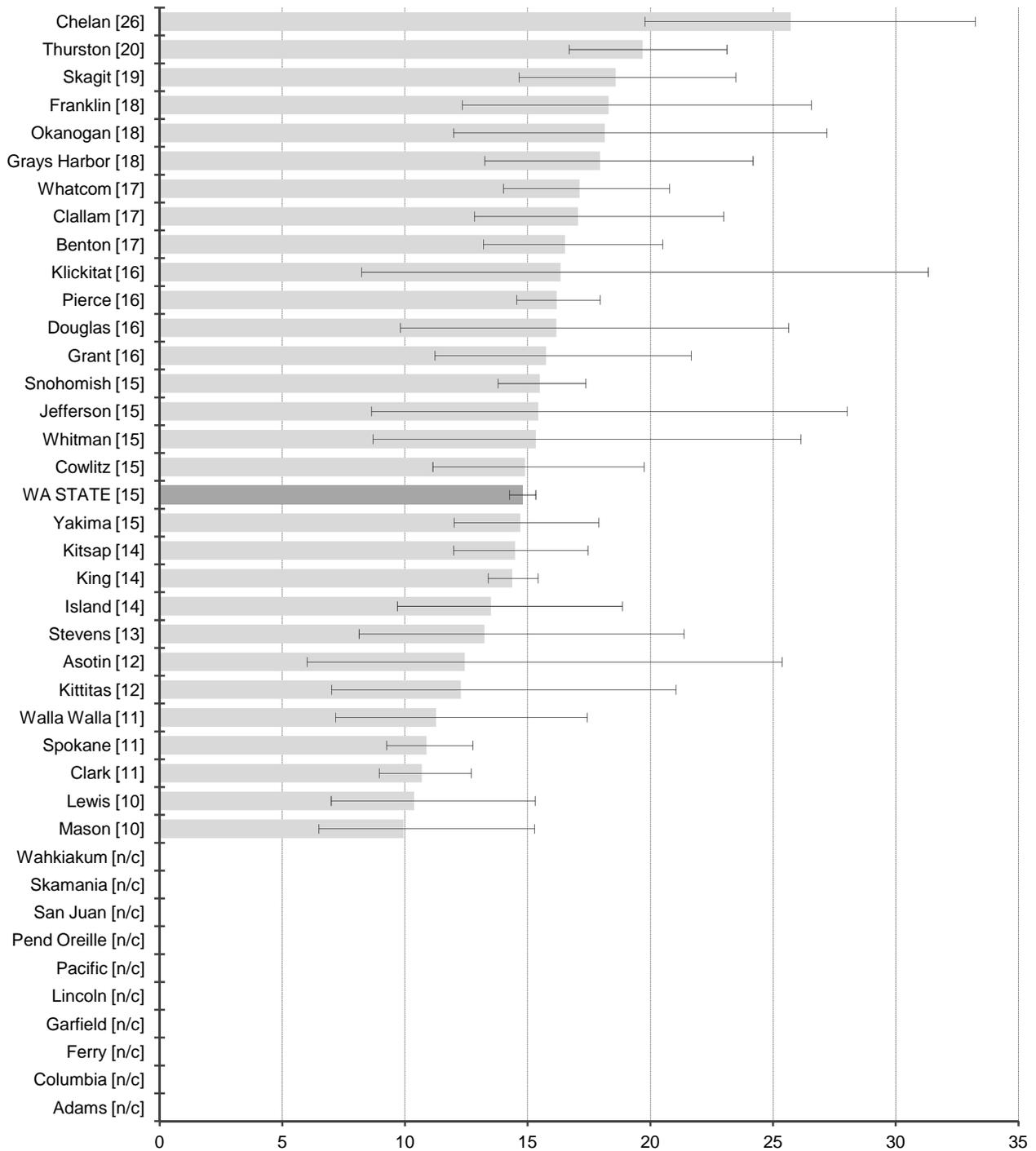
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Leukemia

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

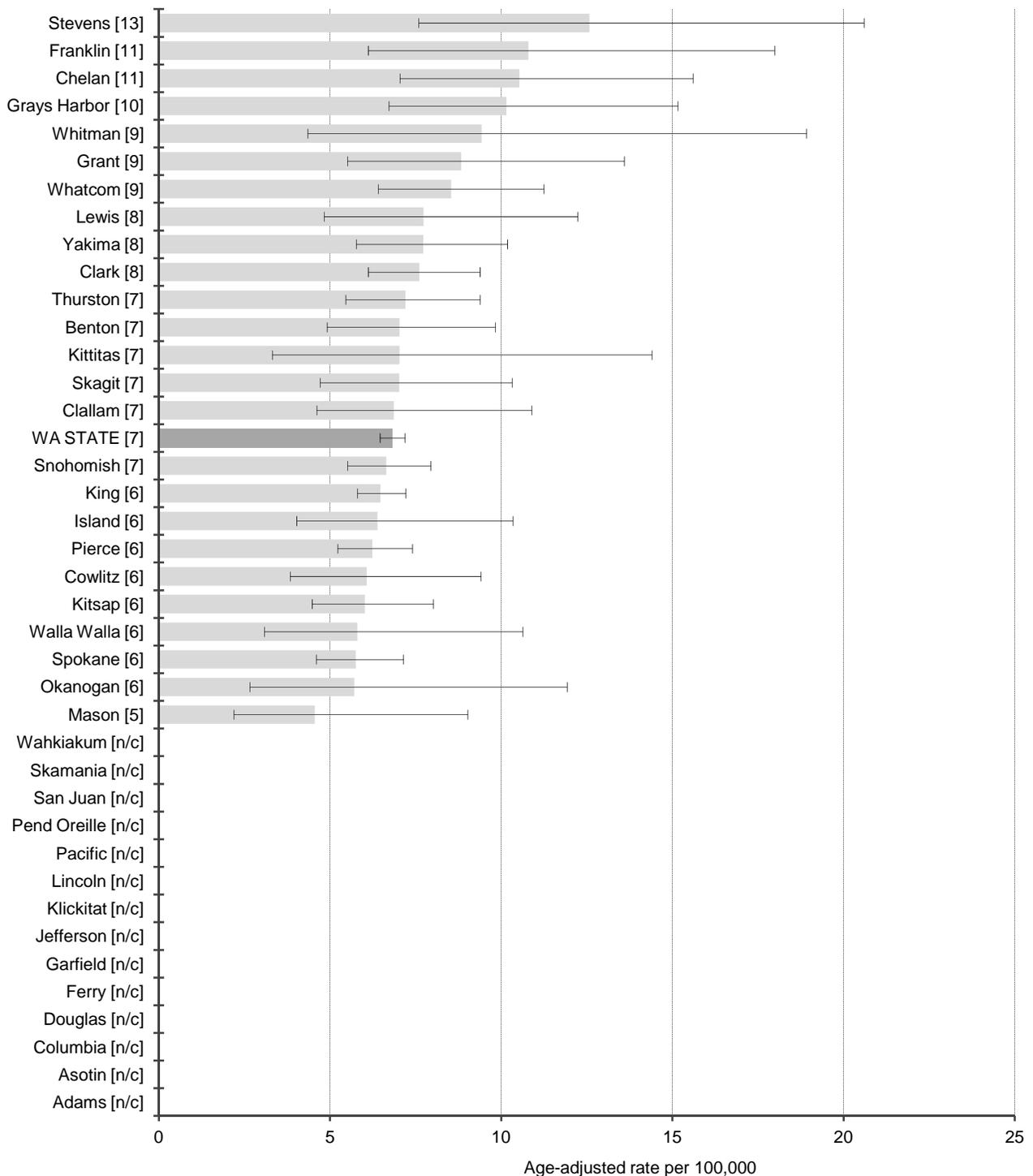
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Leukemia

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Liver and Intrahepatic Bile Duct

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C22.0-C22.1, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 155.0-155.2 (1992-1998), ICD-10 codes C22.0-C22.4, C22.7, C22.9 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

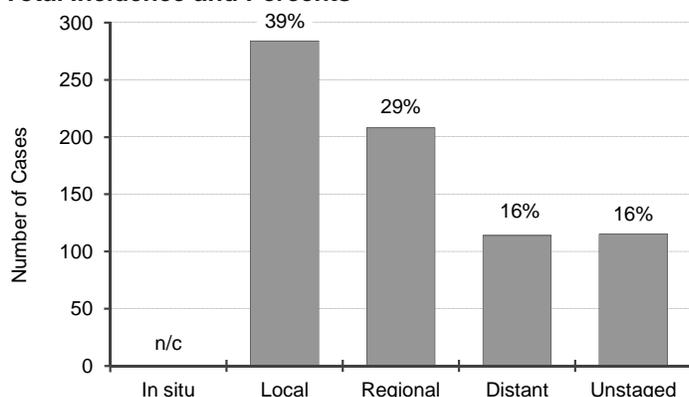
Incidence			
	Male	Female	Total
All Reportable Cancers	516	205	721
2012 Incidence Rates	13.4	4.8	8.9
2011 National Rates	12.6	4.2	8.1

Death			
	Male	Female	Total
Deaths	375	165	540
2012 Death Rates	10.3	4.0	7.0
2011 National Rates	9.0	3.6	6.1

### Stage at Diagnosis

#### 2012 Washington State Residents

##### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	31%
Regional	11%
Distant	3%
Unstaged	6%
Overall	17%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

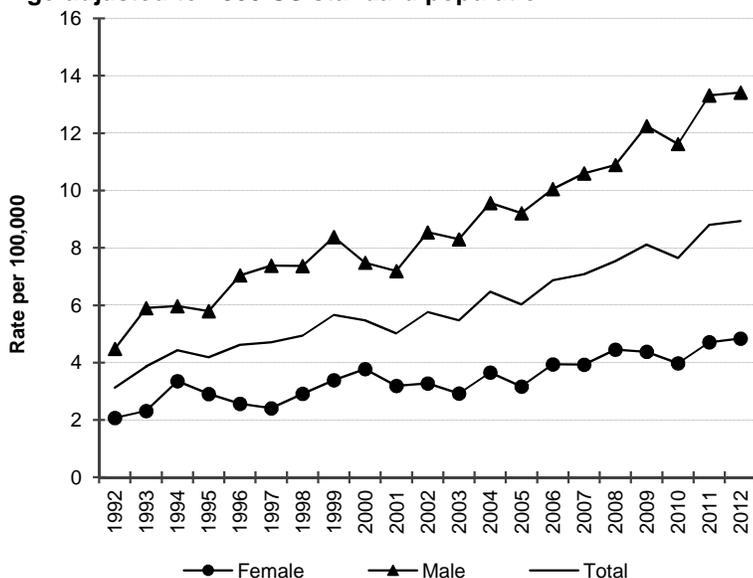
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Liver and Intrahepatic Bile Duct

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



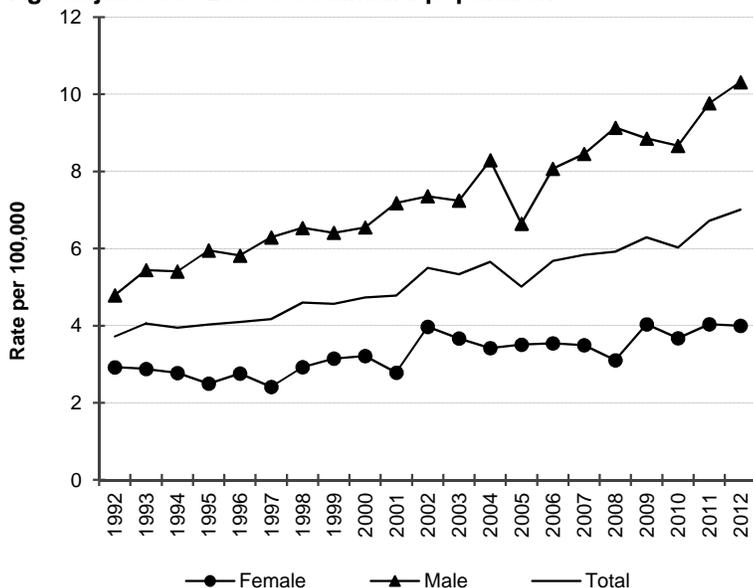
For liver and intrahepatic bile duct cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased sharply by 4.4% per year from 1992 to 2012.

**Men:** Rates increased sharply by 4.6% per year from 1992 to 2012.

**Women:** Rates increased steadily by 3.3% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For liver and intrahepatic bile duct cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates increased steadily by 3.0% per year from 1992 to 2012.

**Men:** Rates increased steadily by 3.3% per year from 1992 to 2012.

**Women:** Rates increased steadily by 2.1% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

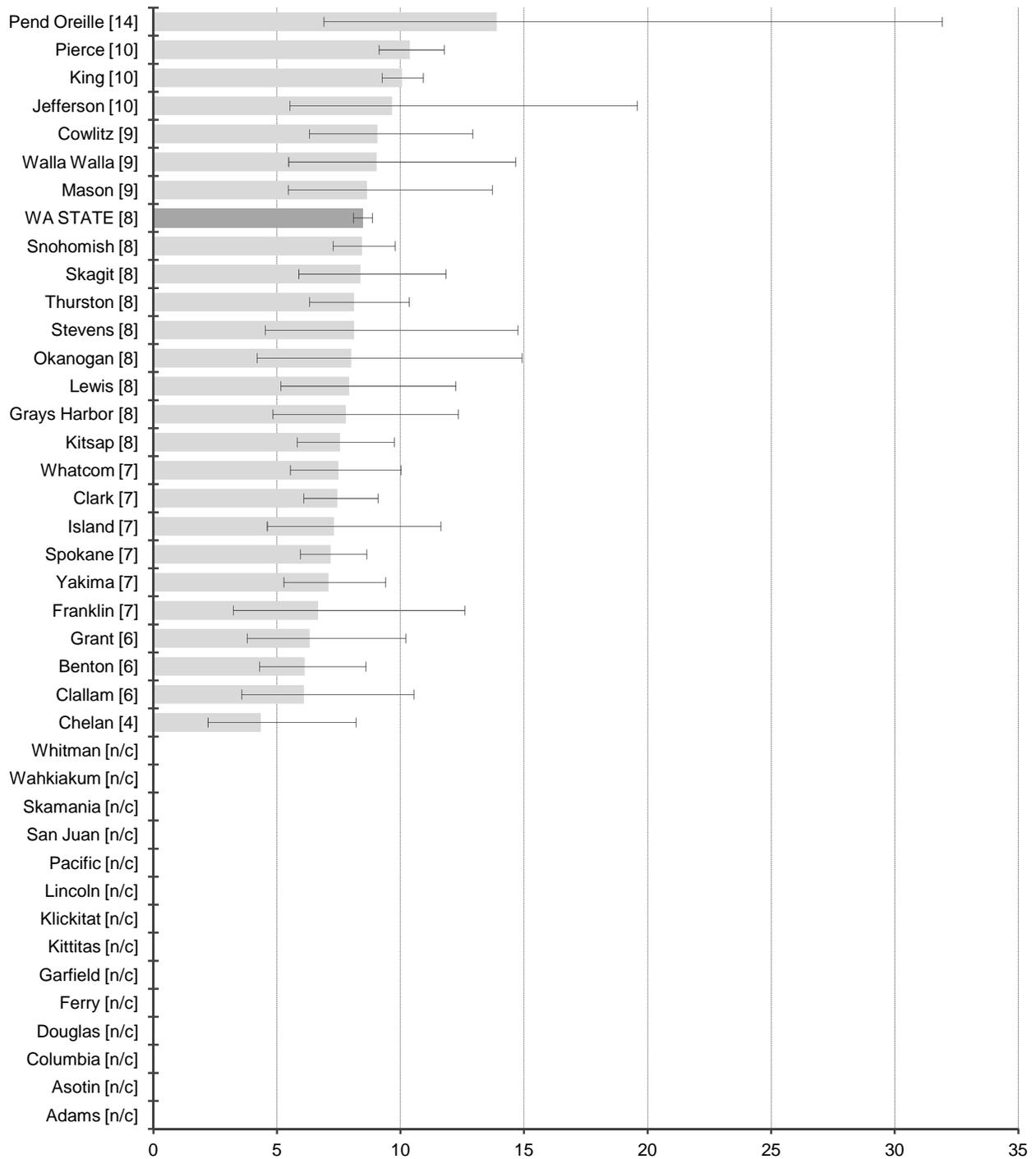
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Liver and Intrahepatic Bile Duct

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

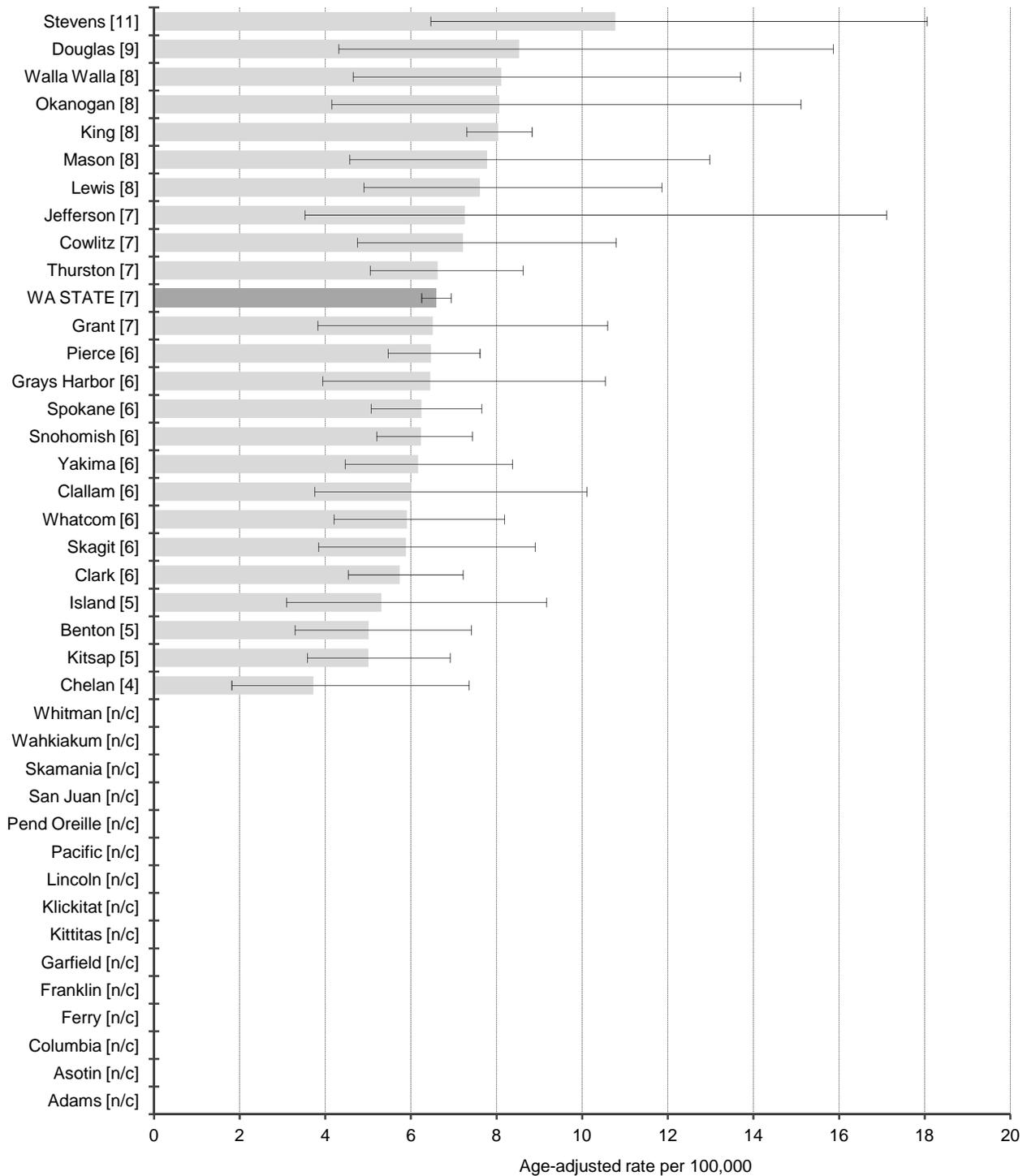
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Liver and Intrahepatic Bile Duct

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Lung and Bronchus

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C34.0-C34.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 162.2-162.9 (1992-1998), ICD-10 code C34 (1999-2001).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

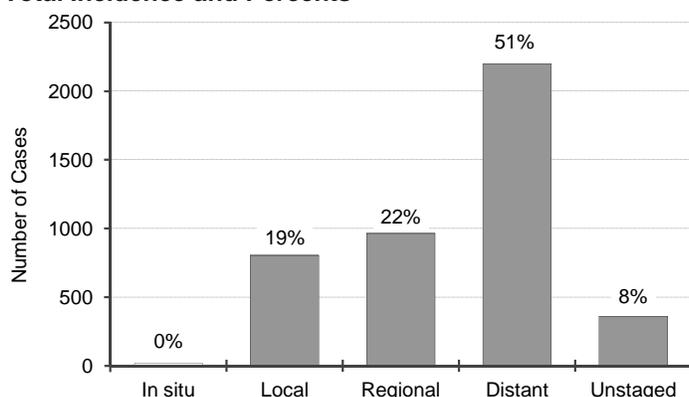
Incidence			
	Male	Female	Total
All Reportable Cancers	2,167	2,176	4,344
2012 Incidence Rates	65.7	55.4	59.7
2011 National Rates	66.3	48.3	56.0

Death			
	Male	Female	Total
Deaths	1,593	1,520	3,113
2012 Death Rates	49.0	38.6	43.0
2011 National Rates	57.9	37.0	46.0

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	36%
Local	55%
Regional	27%
Distant	4%
Unstaged	7%
Overall	17%

Figures include in situ and invasive cancers

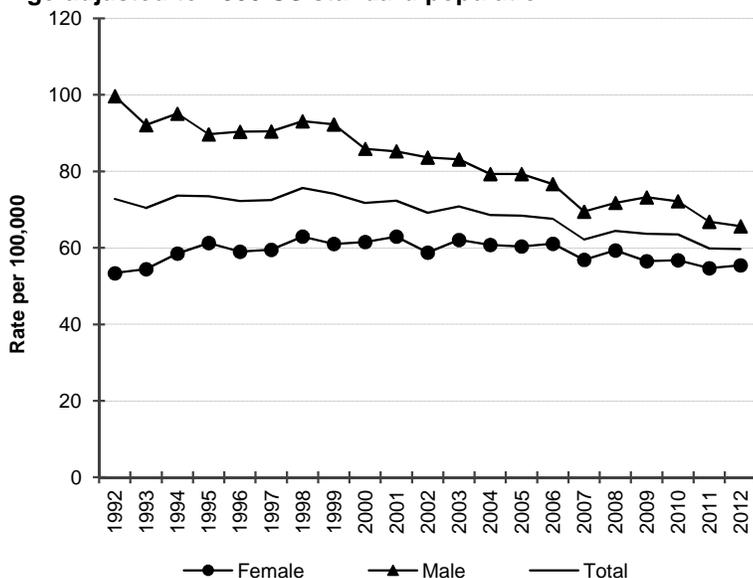
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Lung and Bronchus

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



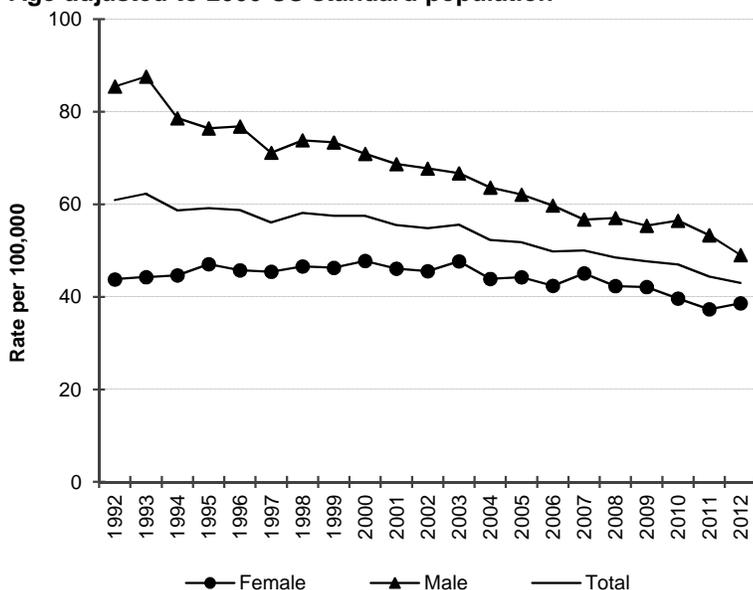
For lung and bronchus cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 1999; decreased steadily by 1.6% per year since 1999.

**Men:** Rates decreased steadily by 1.9% per year from 1992 to 2012.

**Women:** Rates increased steadily by 2.6% per year from 1992 to 1998; decreased slightly by 0.9% per year since 1998.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For lung and bronchus cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 1.0% per year from 1992 to 2003; decreased steadily by 2.5% per year since 2003.

**Men:** Rates decreased steadily by 2.5% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2003; decreased steadily by 2.3% per year since 2003.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

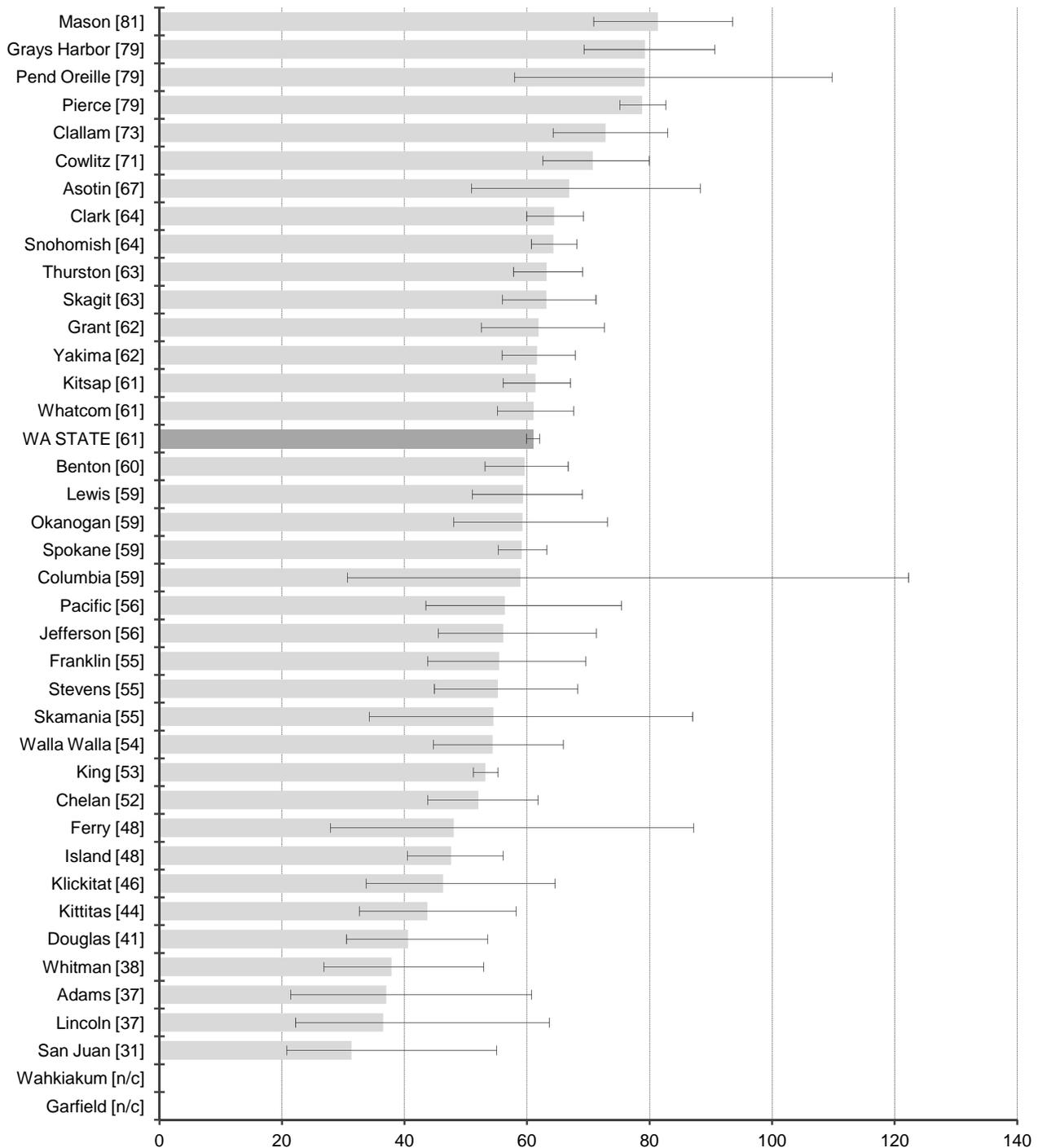
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Lung and Bronchus

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

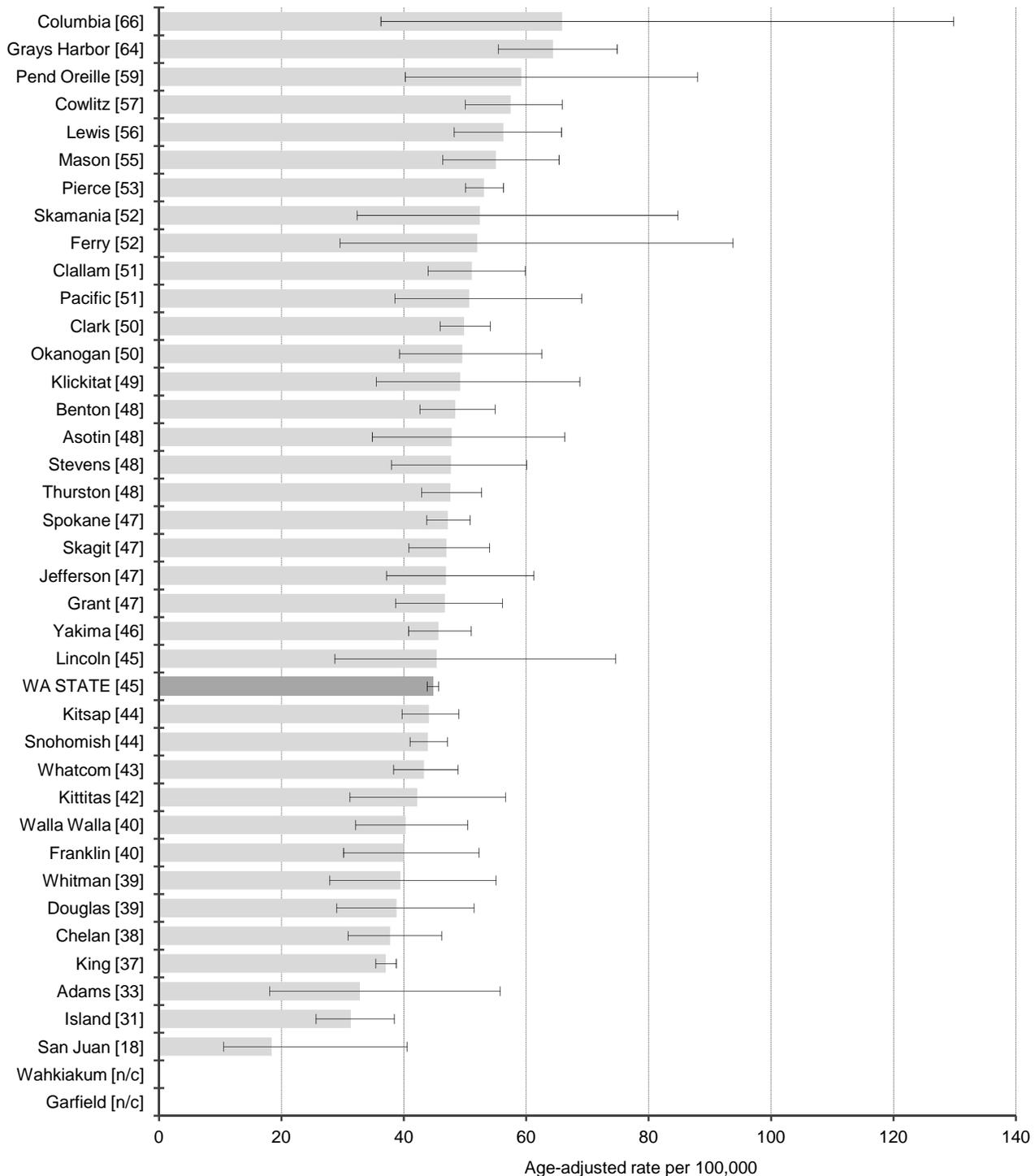
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Lung and Bronchus

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Melanoma of the Skin

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C44.0-C44.9, including only histology codes 8720-8790. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 172.0-172.9 (1992-1998), ICD-10 code C43 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

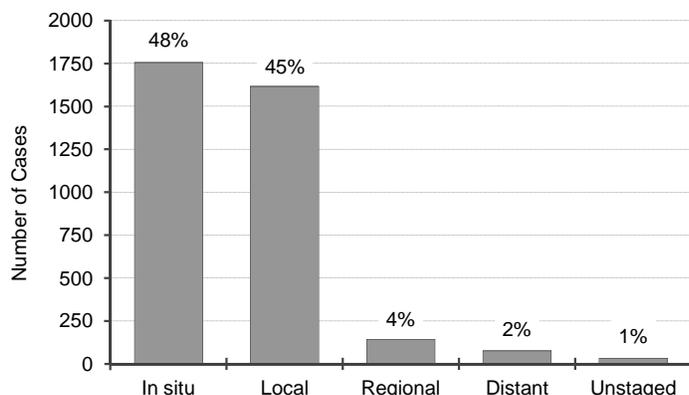
Incidence			
	Male	Female	Total
All Reportable Cancers	2,048	1,575	3,623
2012 Incidence Rates	59.0	41.6	48.9
2011 National Rates	49.6	29.0	37.6

Death			
	Male	Female	Total
Deaths	139	64	203
2012 Death Rates	4.3	1.6	2.8
2011 National Rates	4.0	1.7	2.7

### Stage at Diagnosis

#### 2012 Washington State Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	100%
Local	98%
Regional	61%
Distant	16%
Unstaged	79%
Overall	96%

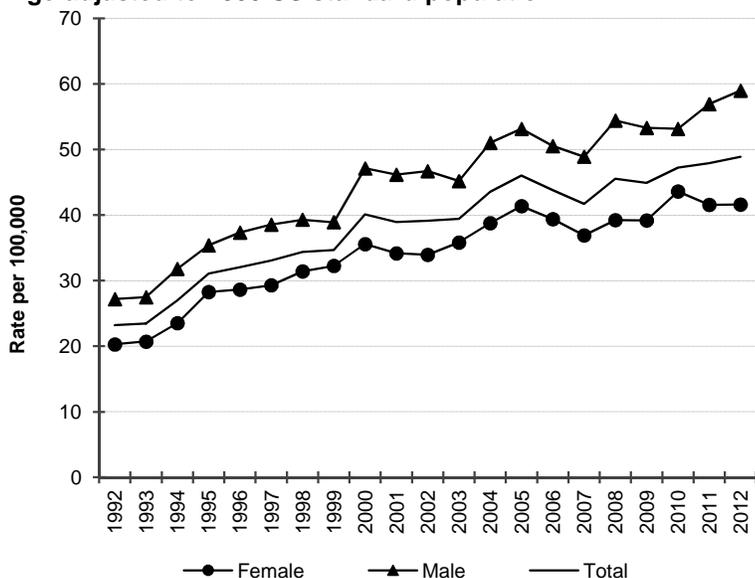
Figures include in situ and invasive cancers

<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011. Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Melanoma of the Skin

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



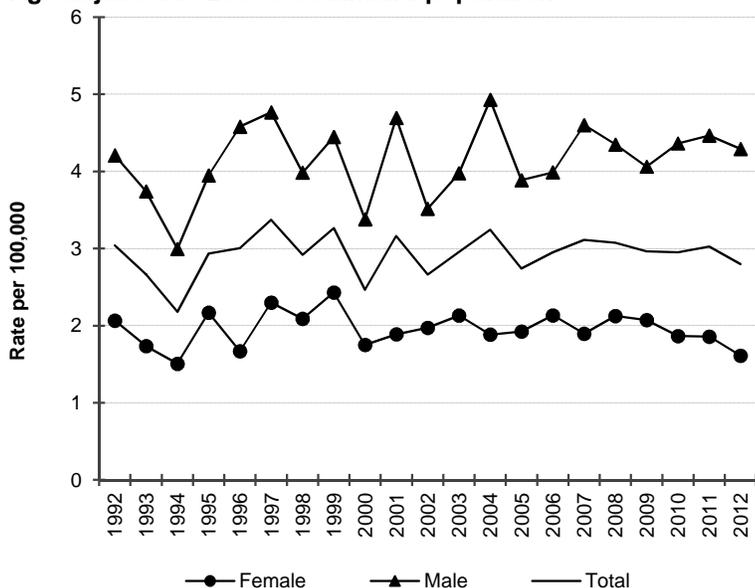
For melanoma of the skin cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased sharply by 6.3% per year from 1992 to 2000; increased steadily by 1.9% per year since 2000.

**Men:** Rates increased sharply by 6.2% per year from 1992 to 2000; increased steadily by 2.0% per year since 2000.

**Women:** Rates increased sharply by 8.4% per year from 1992 to 1998; increased steadily by 1.9% per year since 1998.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For melanoma of the skin cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

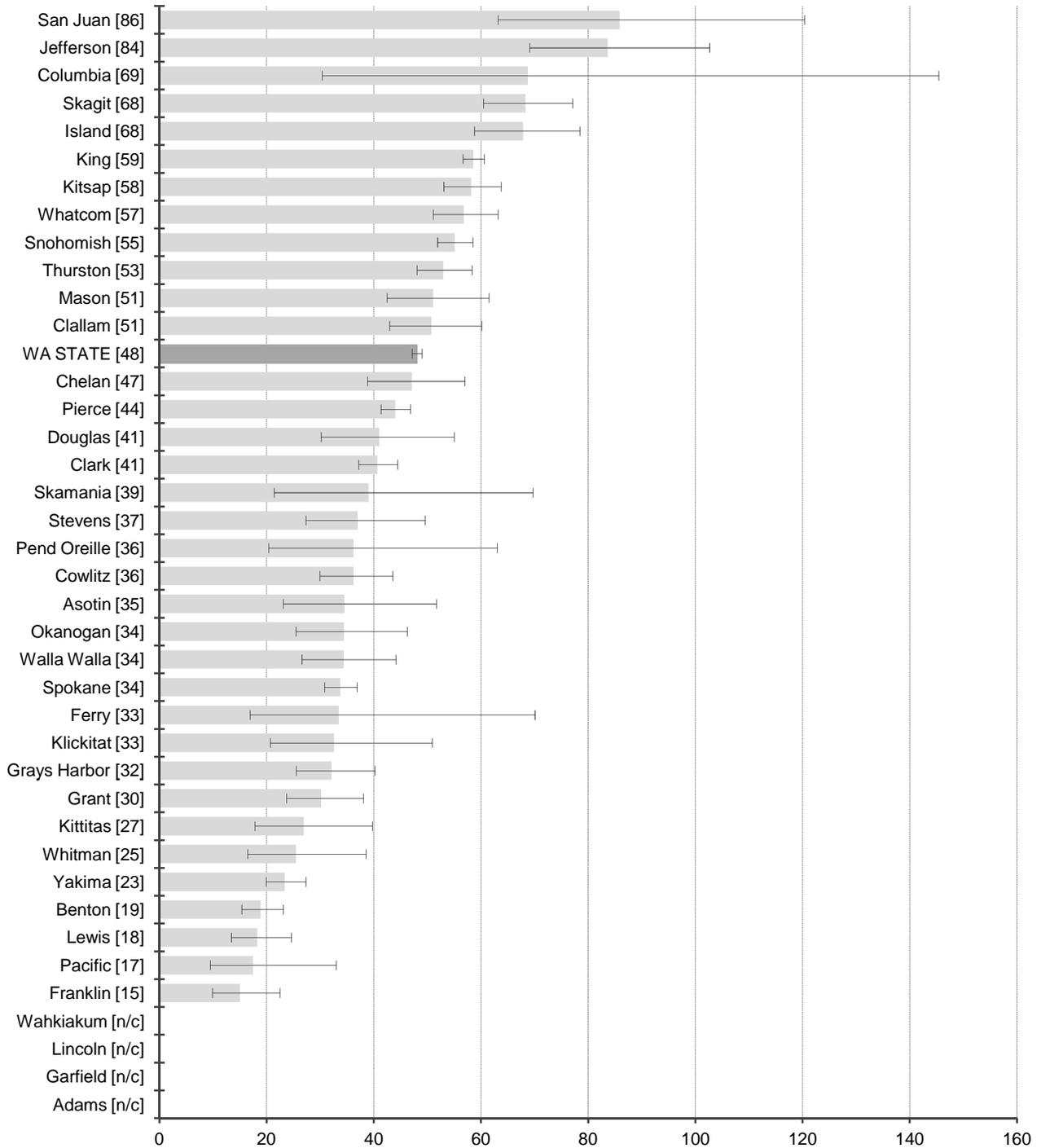
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Melanoma of the Skin

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

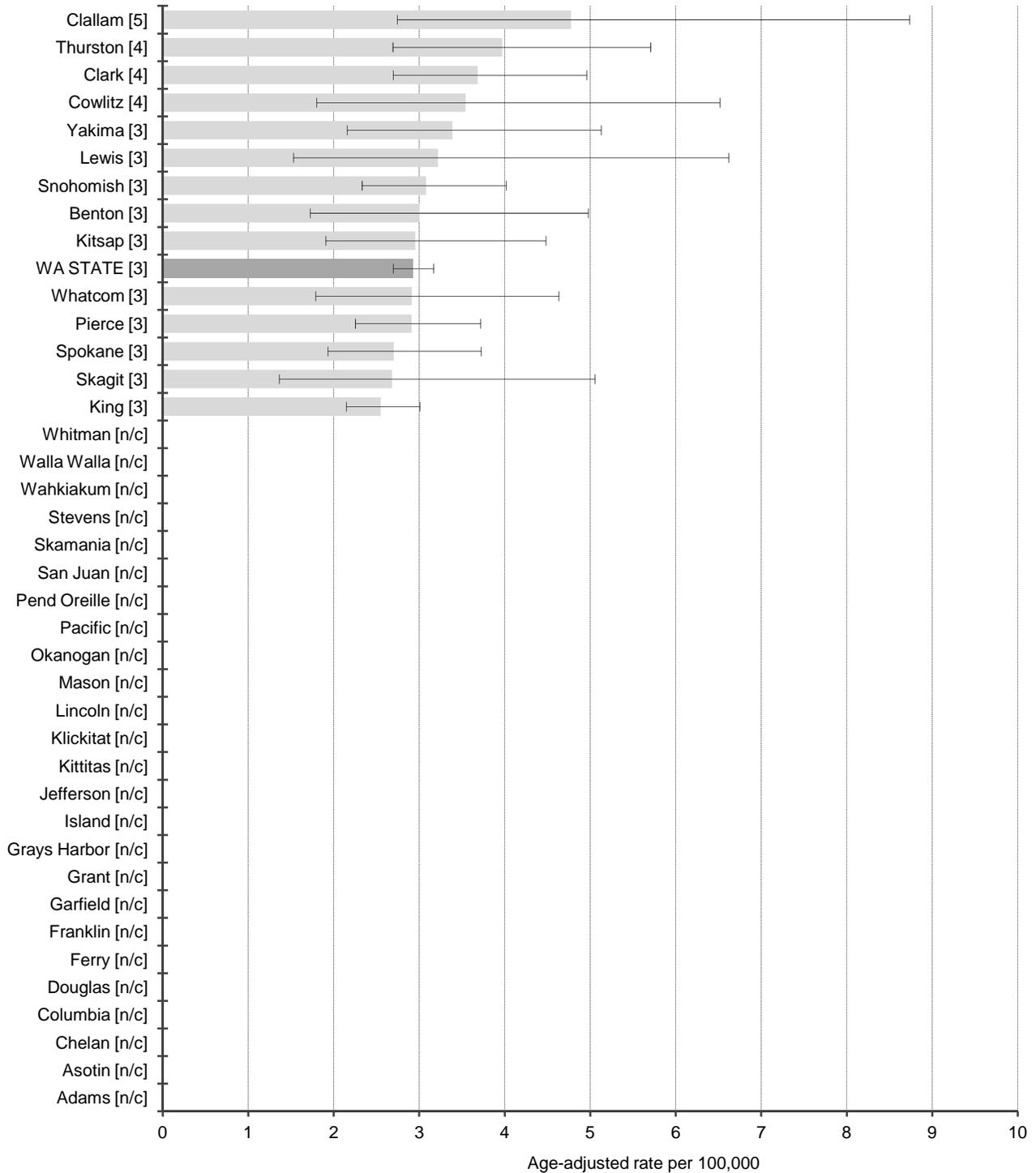
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Melanoma of the Skin

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Myeloma

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using all primary sites with histology codes 9731-9732, 9734. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 203.0, 238.6 (1992-1998), ICD-10 codes C90.0, C90.2 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

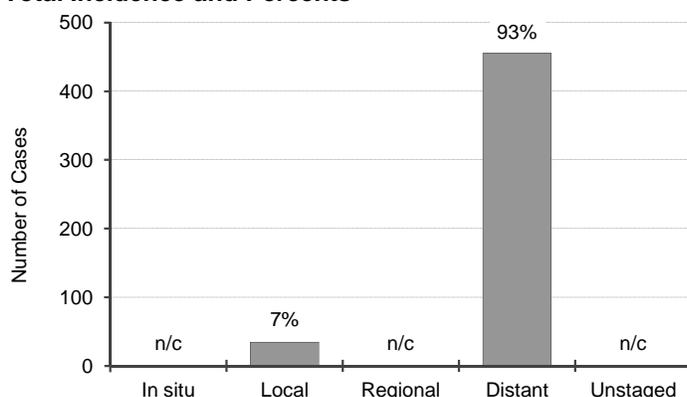
Incidence			
	Male	Female	Total
All Reportable Cancers	286	204	490
2012 Incidence Rates	8.6	5.1	6.6
2011 National Rates	7.7	5.0	6.2

Death			
	Male	Female	Total
Deaths	154	113	267
2012 Death Rates	4.9	2.8	3.7
2011 National Rates	4.3	2.7	3.4

### Stage at Diagnosis

#### 2012 Washington State Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	66%
Regional	n/a
Distant	45%
Unstaged	n/a
Overall	46%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

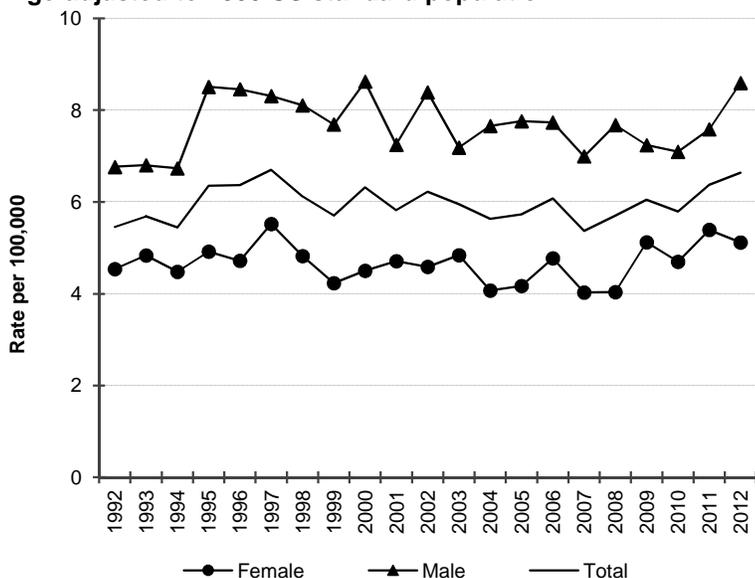
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Myeloma

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



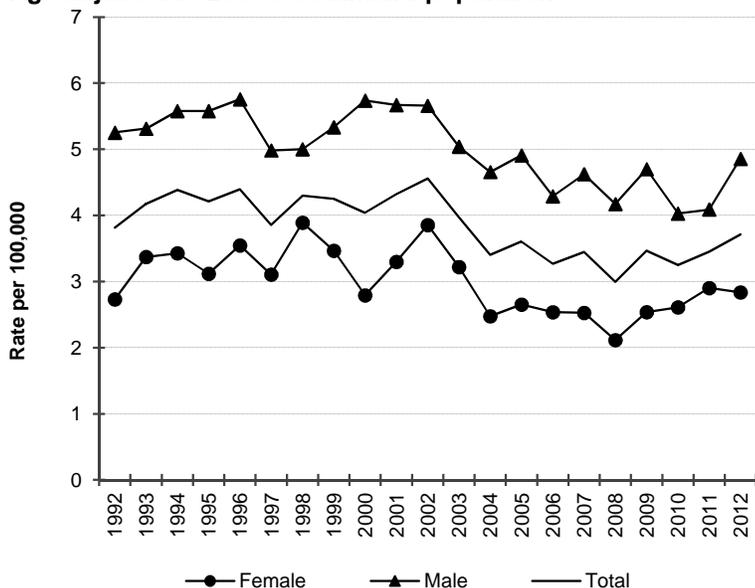
For myeloma age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 1996; decreased steadily by 1.1% per year from 1996 to 2008; remained level since 2008.

**Men:** Rates remained level from 1992 to 1996; decreased steadily by 1.1% per year from 1996 to 2010; remained level since 2010.

**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For myeloma age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2002; decreased sharply by 5.3% per year from 2002 to 2008; remained level since 2008.

**Men:** Rates decreased steadily by 1.4% per year from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2002; decreased sharply by 7.1% per year from 2002 to 2008; remained level since 2008.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

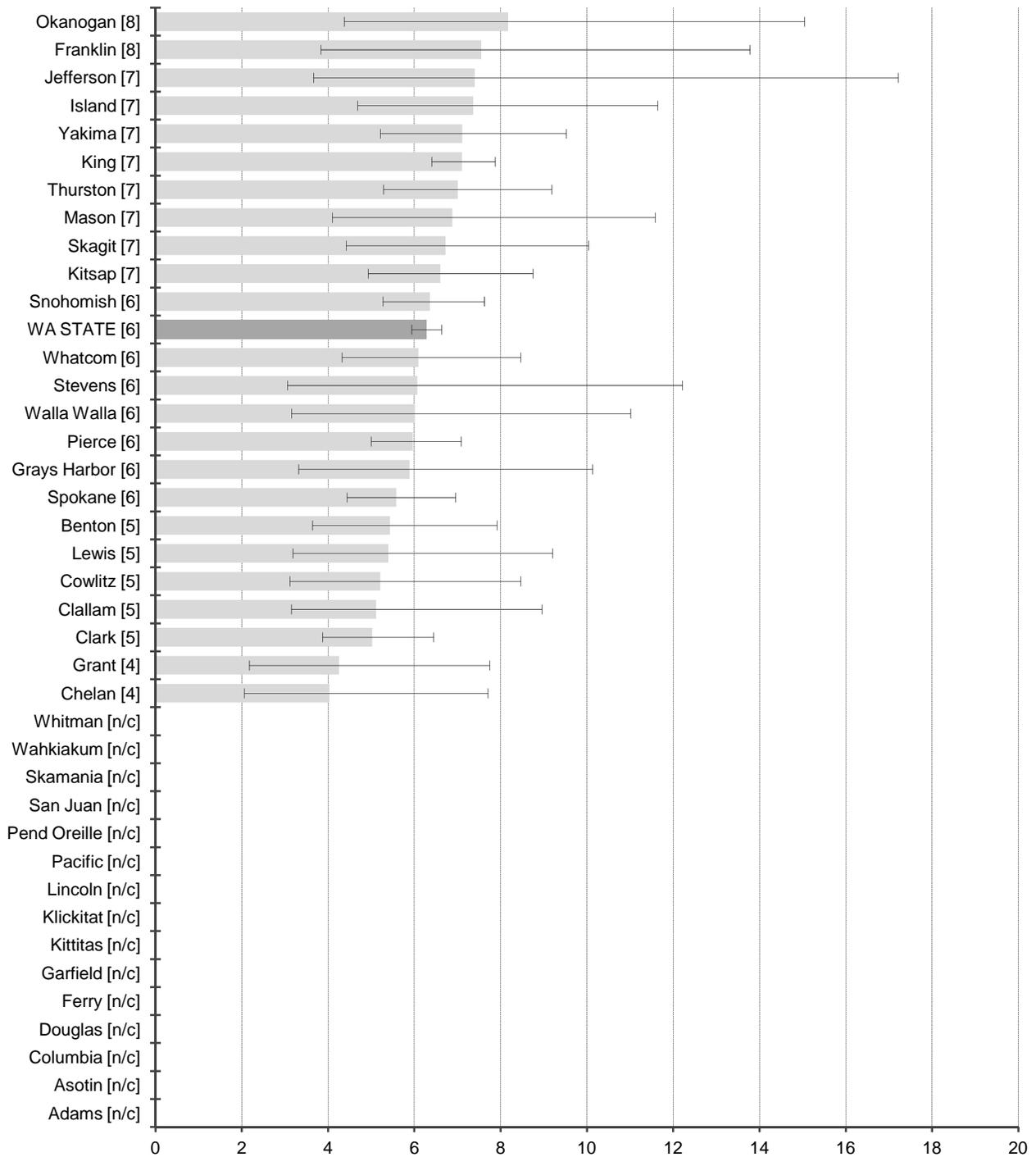
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Myeloma

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

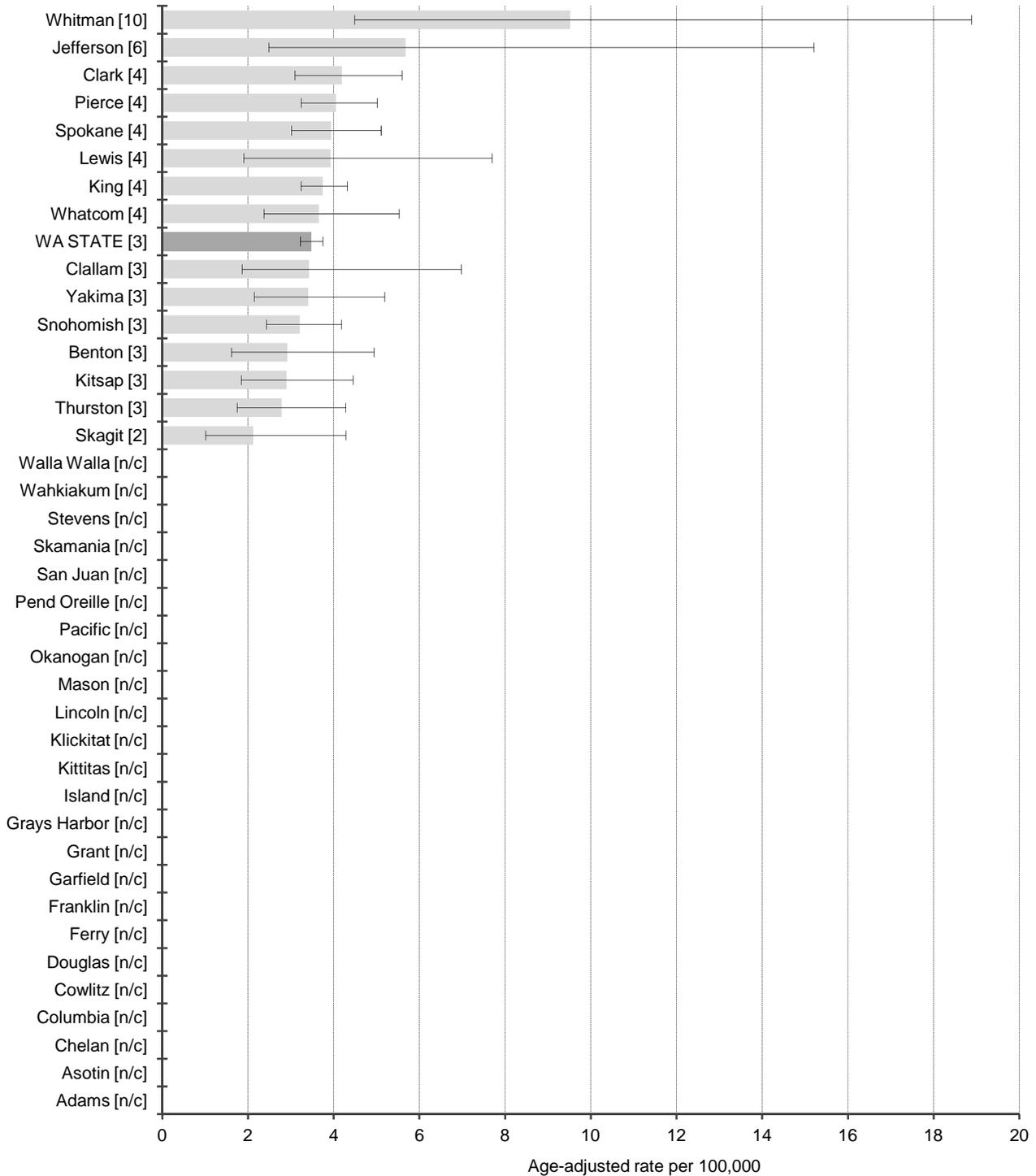
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Myeloma

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Non-Hodgkin Lymphoma

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using (2009 and earlier) all sites with histology 9590-9596, 9670-9729; and except for sites C420, C421 and C424 all other sites with histology 9823 or 9827; (2010 and later) all sites with histology 9590-9597, 9670-9729, 9735, 9737, 9738; and except for sites C420, C421 and C424 all other sites with histology 9823, 9827, 9837, or 9811-9818. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 200.0-200.8, 202.0-202.2, 202.8-202.9 (1992-1998), ICD-10 codes C82-C85, C96.3 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

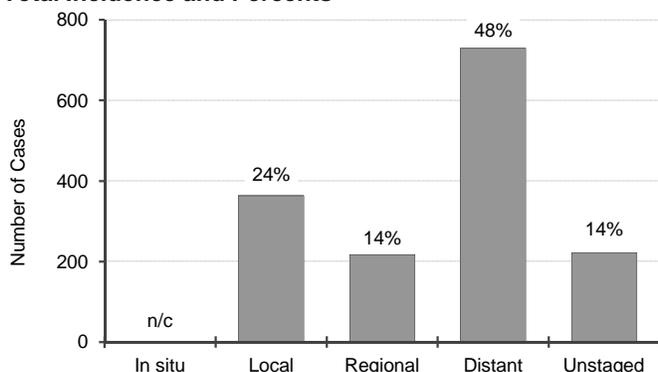
Incidence			
	Male	Female	Total
All Reportable Cancers	842	688	1,530
2012 Incidence Rates	24.7	17.6	20.9
2011 National Rates	23.0	15.8	19.0

Death			
	Male	Female	Total
Deaths	245	201	446
2012 Death Rates	7.9	5.2	6.3
2011 National Rates	7.8	4.6	6.0

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	82%
Regional	74%
Distant	62%
Unstaged	68%
Overall	70%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

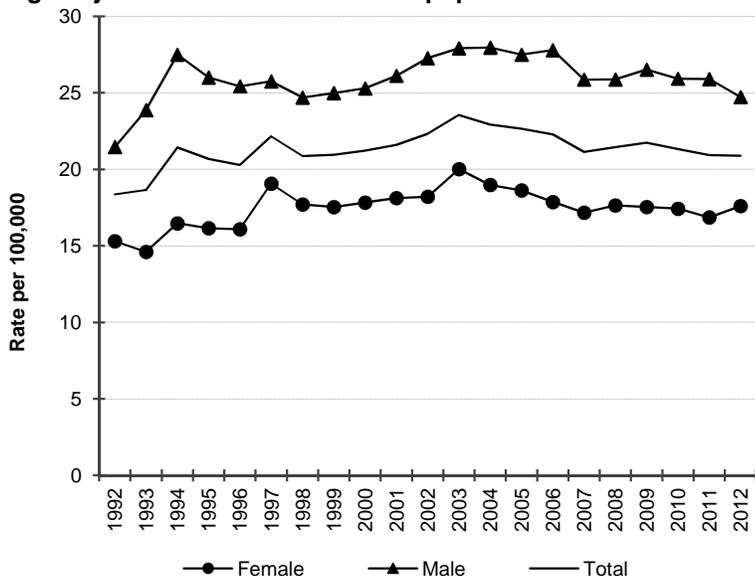
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Non-Hodgkin Lymphoma

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



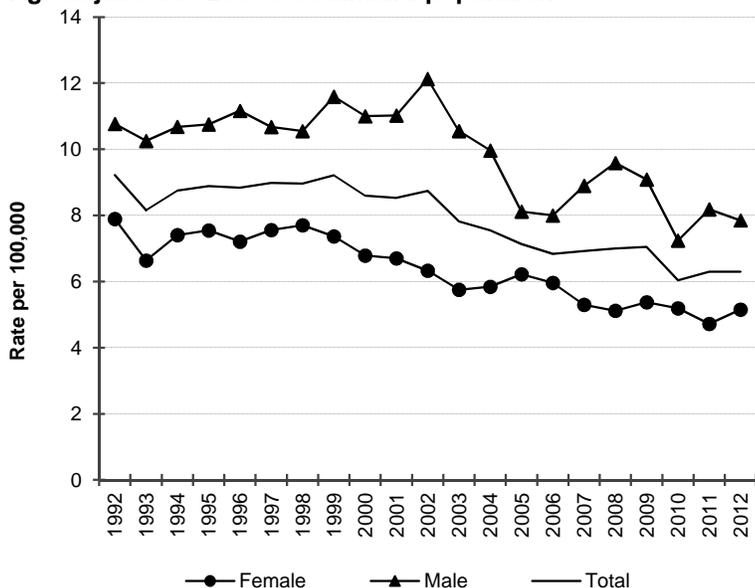
For Non-Hodgkin Lymphoma age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased steadily by 1.6% per year from 1992 to 2003; decreased steadily by 1.1% per year since 2003.

**Men:** Rates increased sharply by 12.1% per year from 1992 to 1994; remained level from 1994 to 1999; increased steadily by 3.4% per year from 1999 to 2003; decreased steadily by 1.2% per year since 2003.

**Women:** Rates increased steadily by 2.0% per year from 1992 to 2003; decreased steadily by 1.4% per year since 2003.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For Non-Hodgkin Lymphoma age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 1999; decreased steadily by 3.0% per year since 1999.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates decreased steadily by 2.4% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

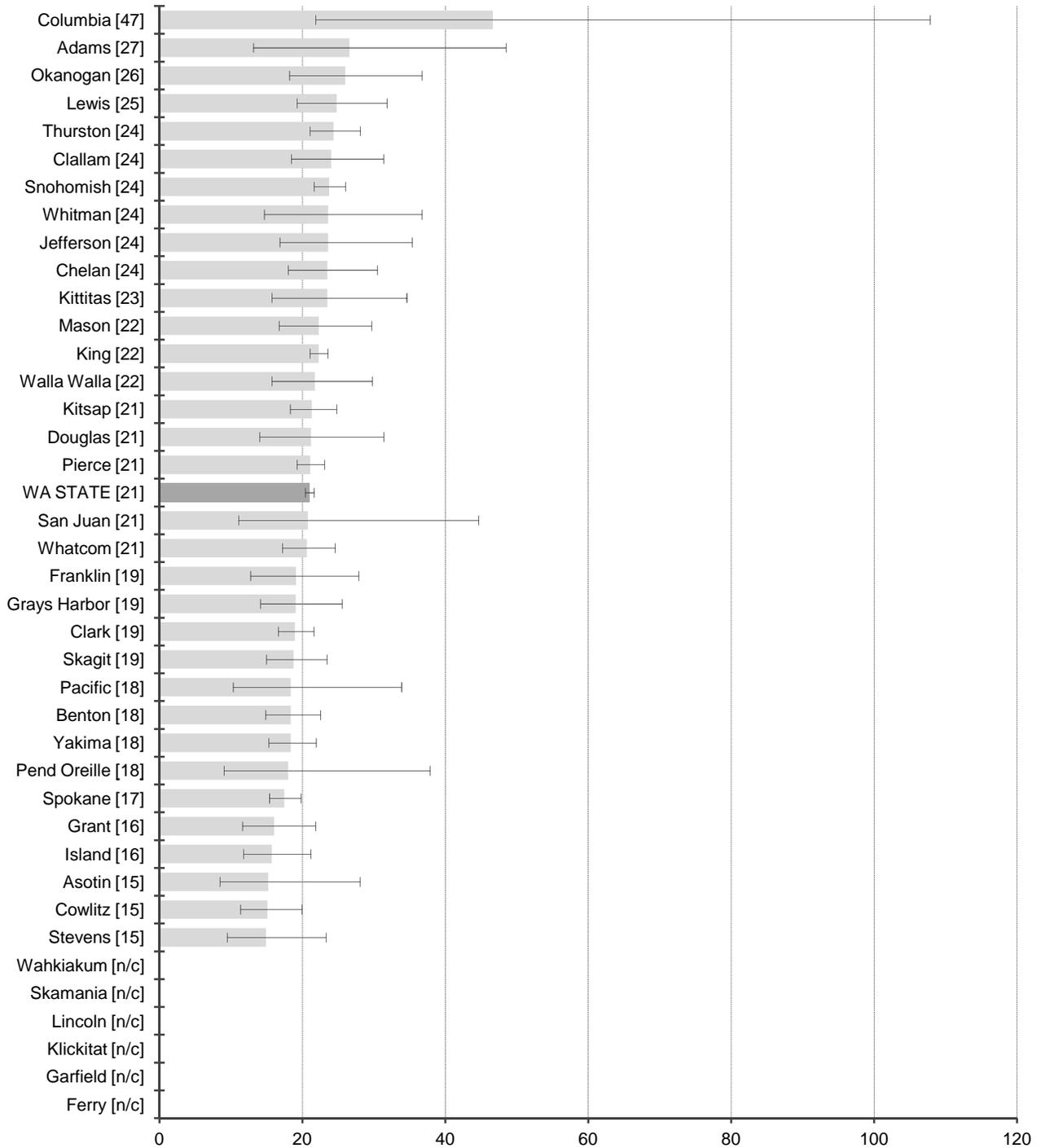
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Non-Hodgkin Lymphoma

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

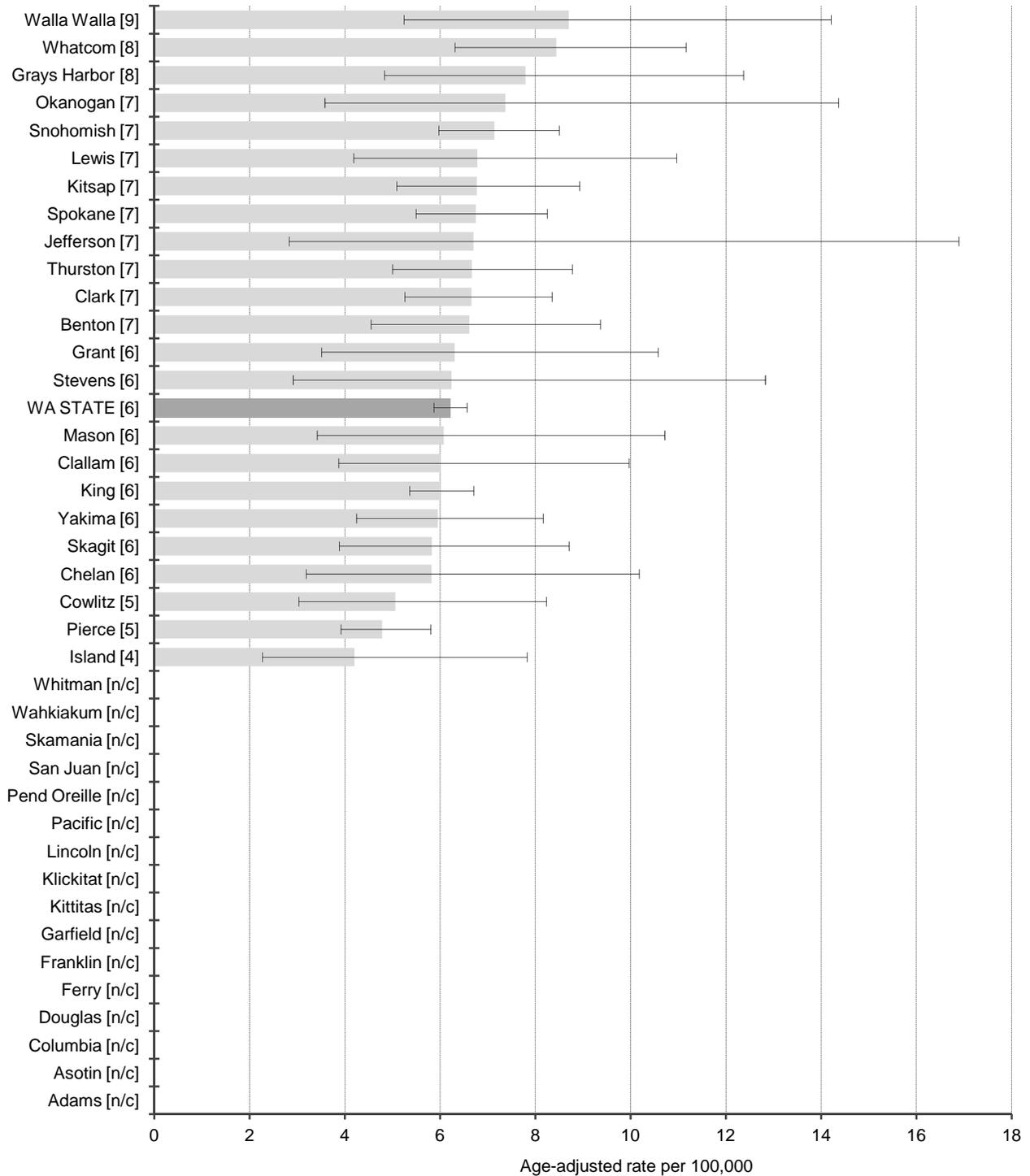
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Non-Hodgkin Lymphoma

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Oral Cavity and Pharynx

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C00.0-C14.8, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 140.0-149.9 (1992-1998), ICD-10 codes C00-C14 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

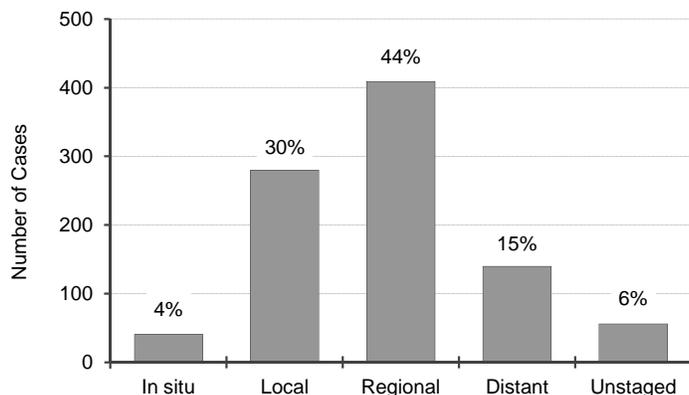
Incidence			
	Male	Female	Total
All Reportable Cancers	609	317	926
2012 Incidence Rates	16.4	8.2	12.1
2011 National Rates	17.1	6.3	11.3

Death			
	Male	Female	Total
Deaths	141	66	207
2012 Death Rates	4.0	1.7	2.7
2011 National Rates	3.9	1.3	2.5

### Stage at Diagnosis

#### 2012 Washington State Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	92%
Local	83%
Regional	62%
Distant	38%
Unstaged	45%
Overall	64%

Figures include in situ and invasive cancers

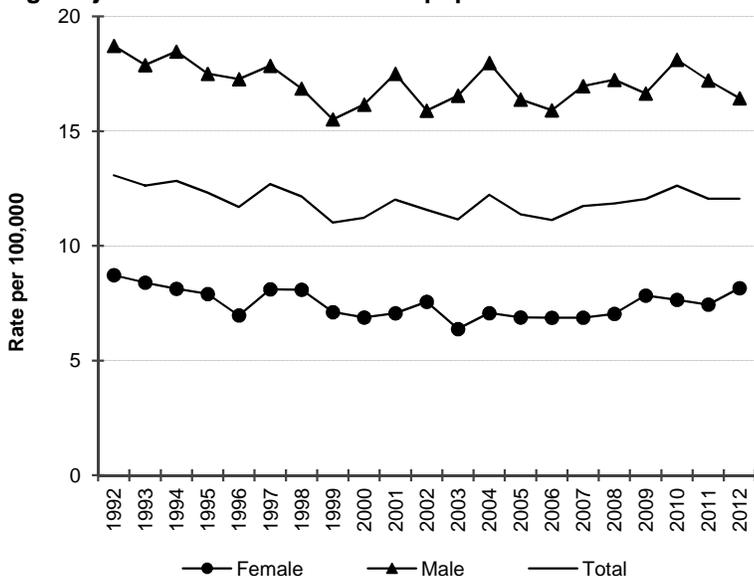
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Oral Cavity and Pharynx

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



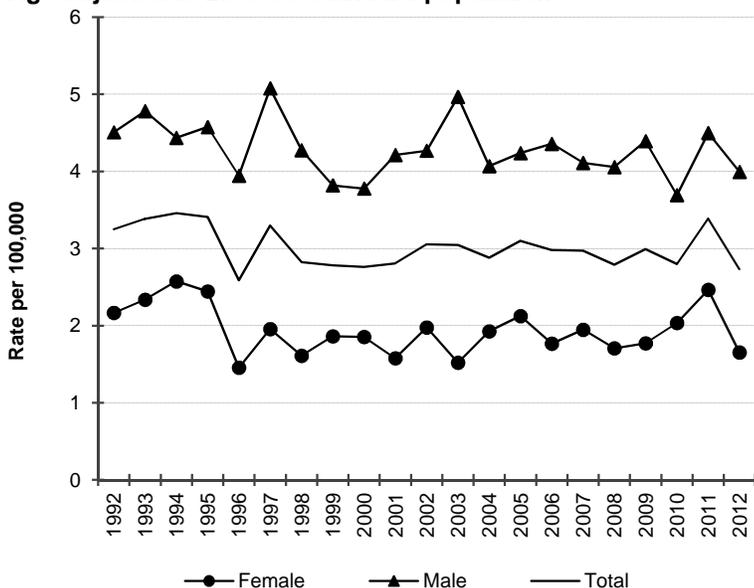
For oral cavity and pharyngeal cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 1.7% per year from 1992 to 2000; remained level since 2000.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates decreased steadily by 1.8% per year from 1992 to 2005; increased steadily by 2.6% per year since 2005.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For oral cavity and pharynx cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

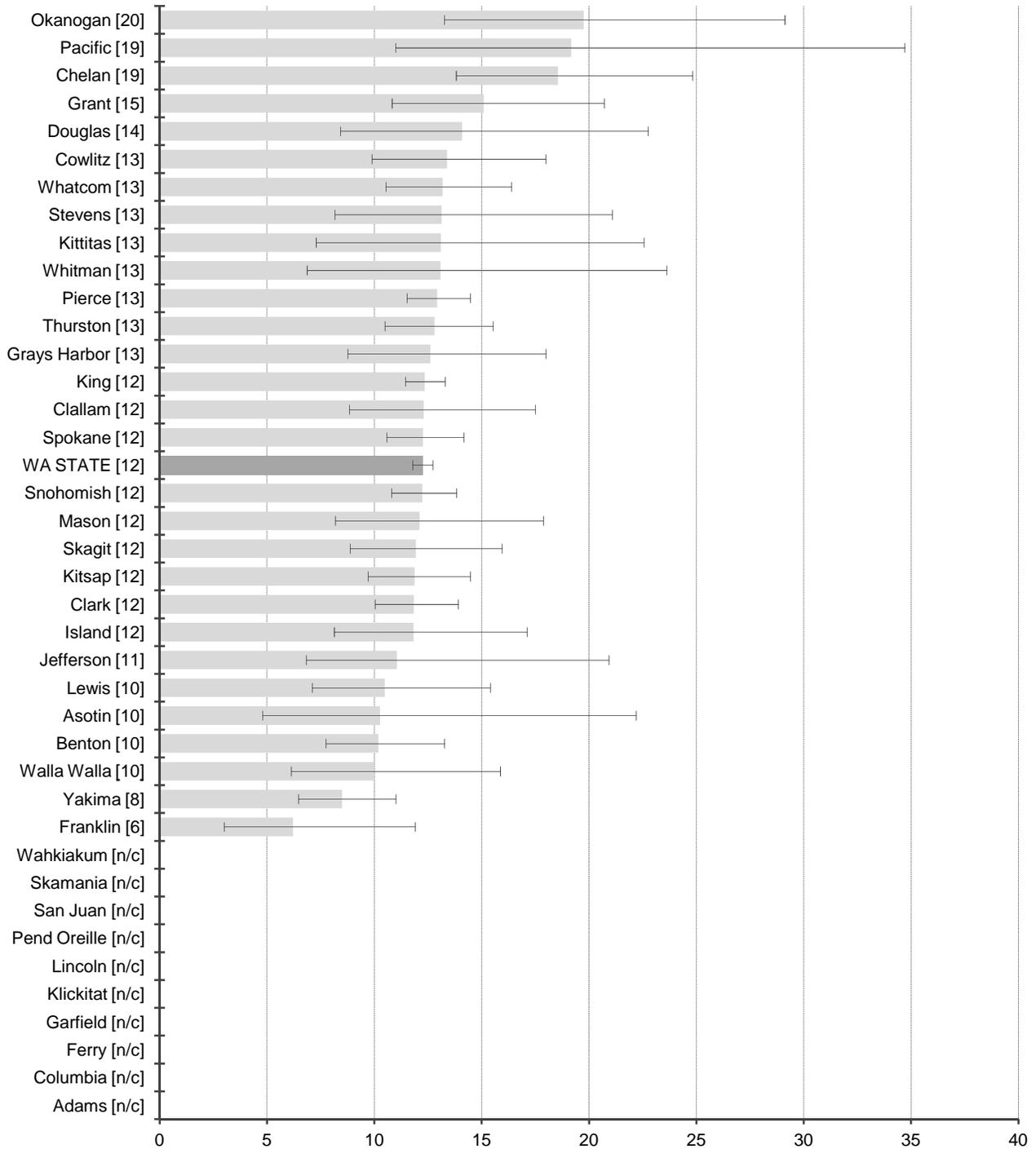
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Oral Cavity and Pharynx

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

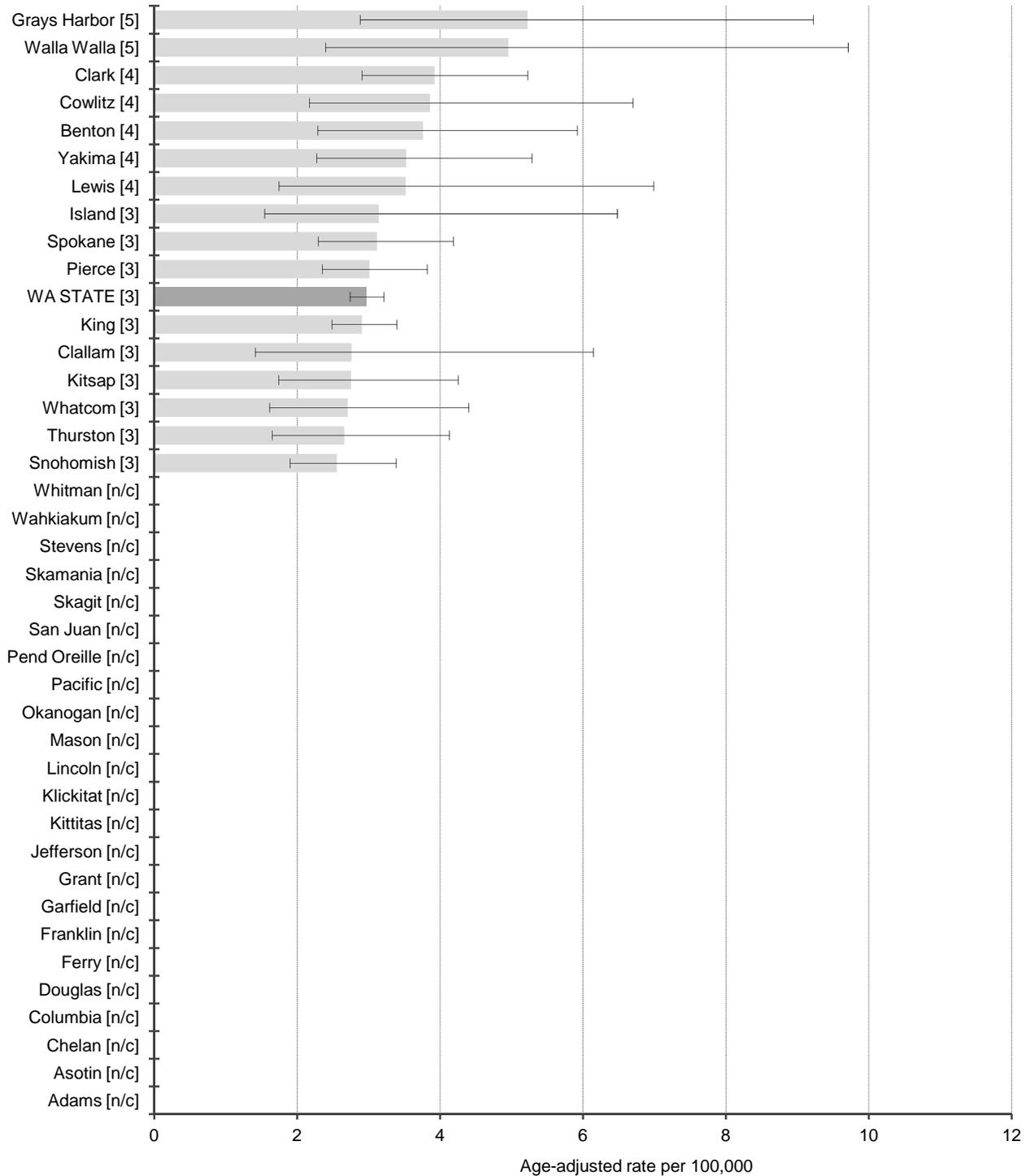
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Oral Cavity and Pharynx

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Ovary

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C56.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 code 183.0 (1992-1998), ICD-10 code C56 (1999-2012).

## 2012 Washington State Female Residents Incidence and Death Summary by Sex

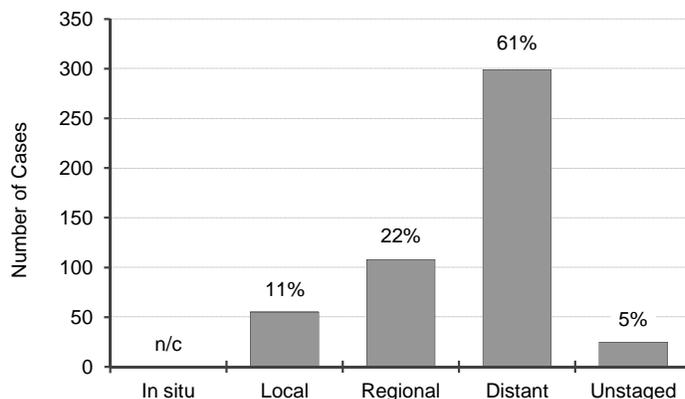
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	493	n/a
2012 Incidence Rates	n/a	12.4	n/a
2011 National Rates	n/a	11.6	n/a

Death			
	Male	Female	Total
Deaths	n/a	324	n/a
2012 Death Rates	n/a	8.1	n/a
2011 National Rates	n/a	7.5	n/a

## Stage at Diagnosis

2012 Washington State Female Residents  
Total Incidence and Percents



## Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	94%
Local	92%
Regional	72%
Distant	28%
Unstaged	20%
Overall	45%

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

Figures include in situ and invasive cancers

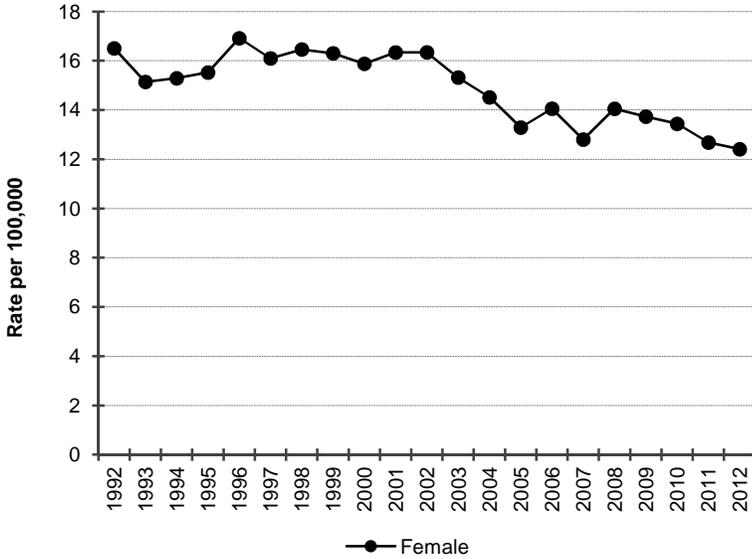
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

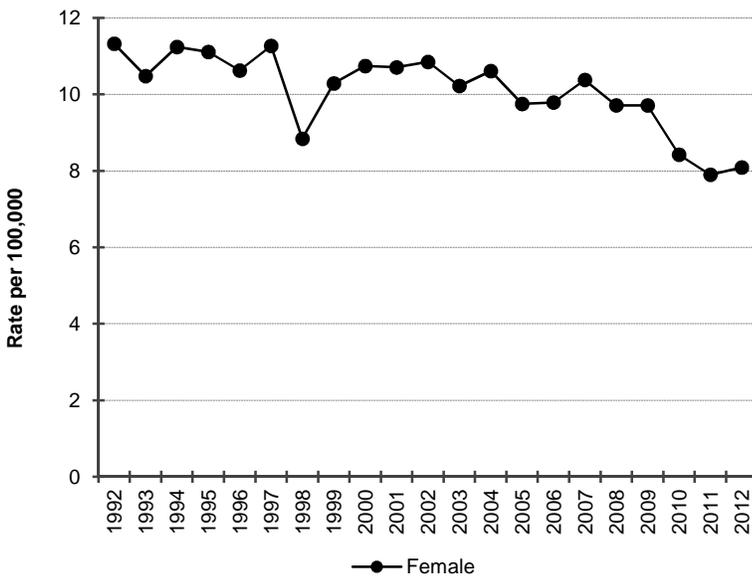
# Ovary

Washington State Female Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For ovarian cancer age-adjusted incidence rates have remained level from 1992 to 1999; rates decreased steadily by 2.1% per year from 1999 to 2012.

Washington State Female Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For ovarian cancer age-adjusted mortality rates have remained level from 1992 to 2008; rates decreased sharply by 6.0% per year since 2008.

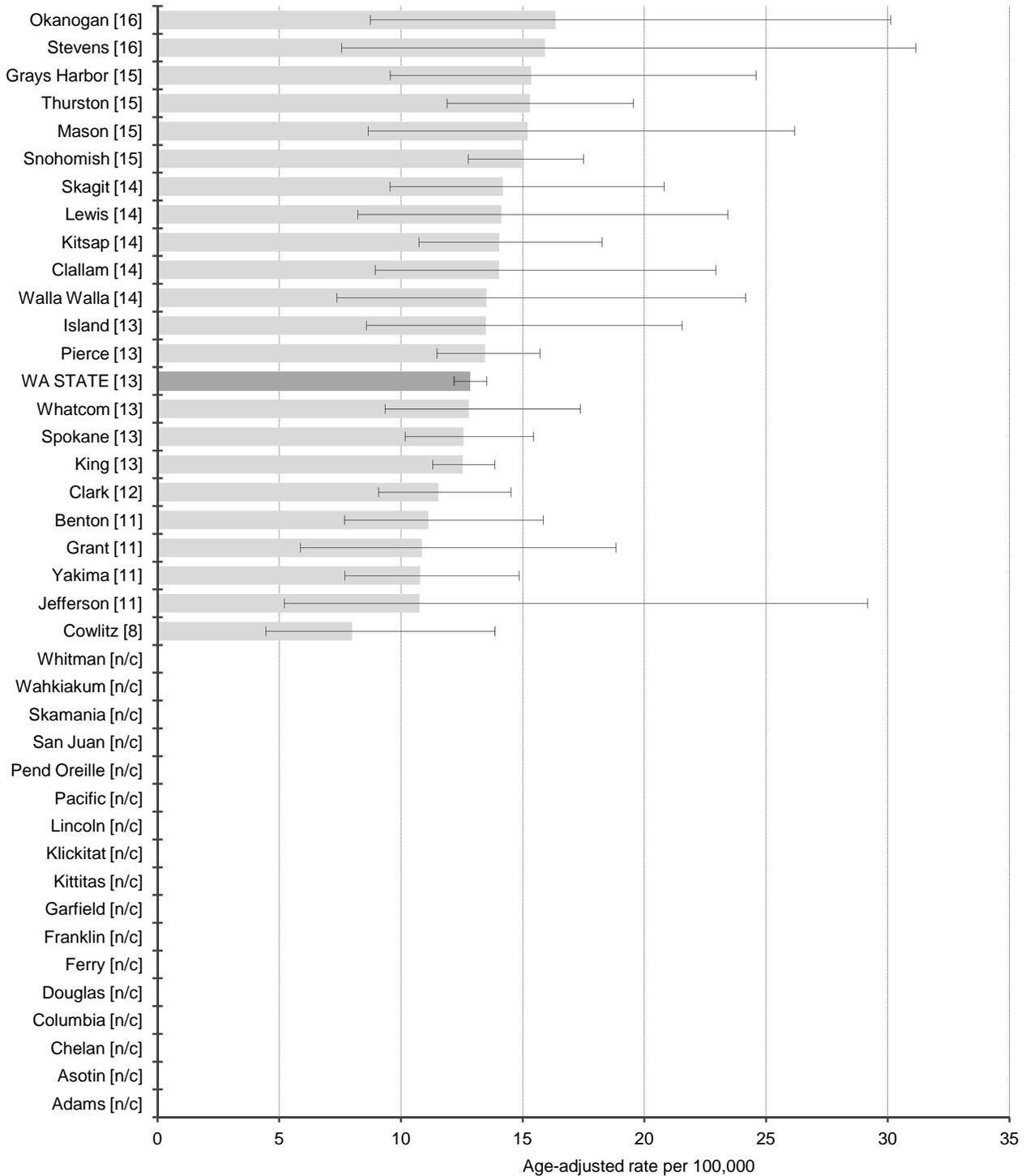
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Ovary

2010-2012 Washington State Female Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

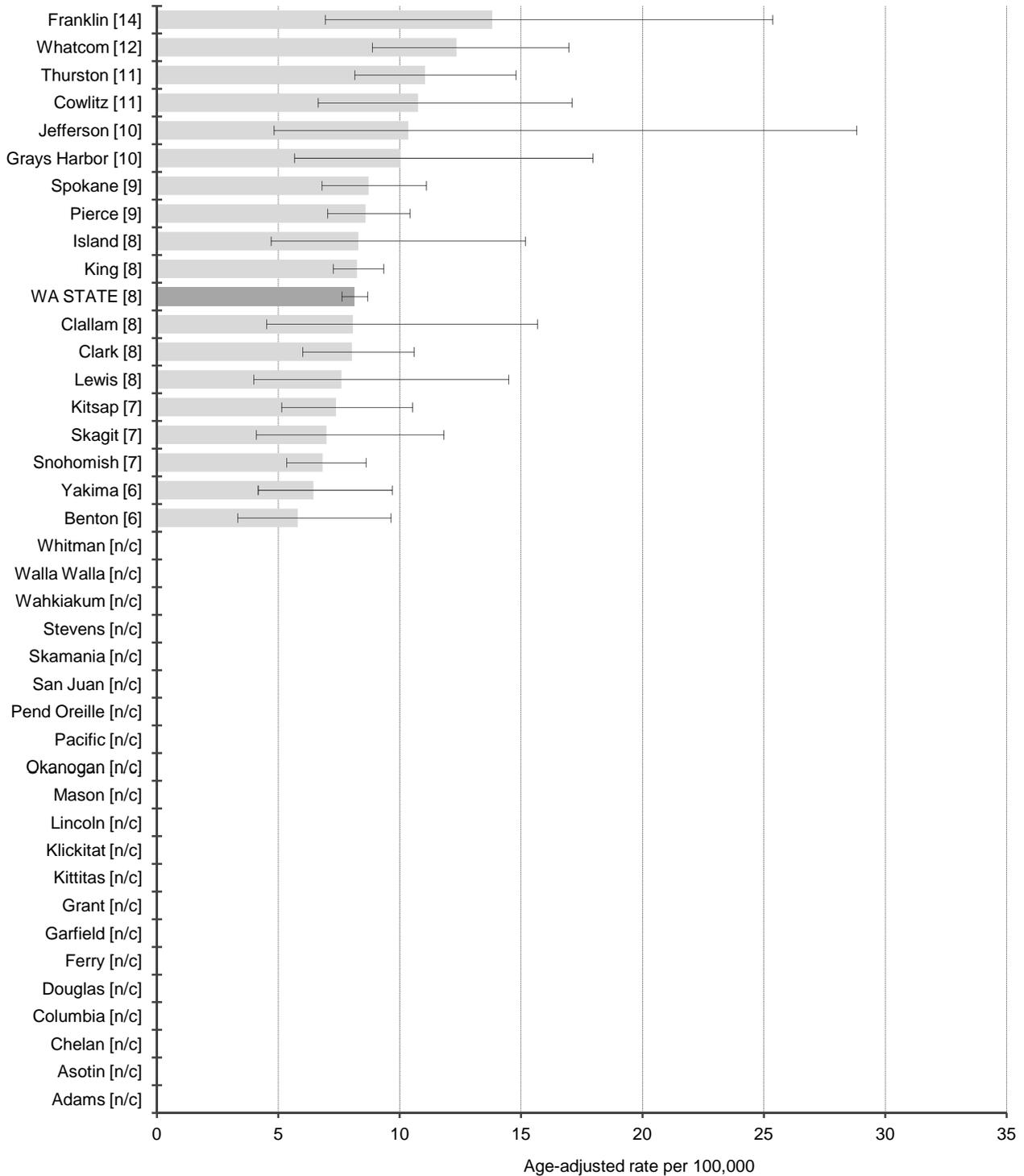
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Ovary

2010-2012 Washington State Female Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Pancreas

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0 codes C25.0-C25.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 157.0-157.9 (1992-1998), ICD-10 code C25 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

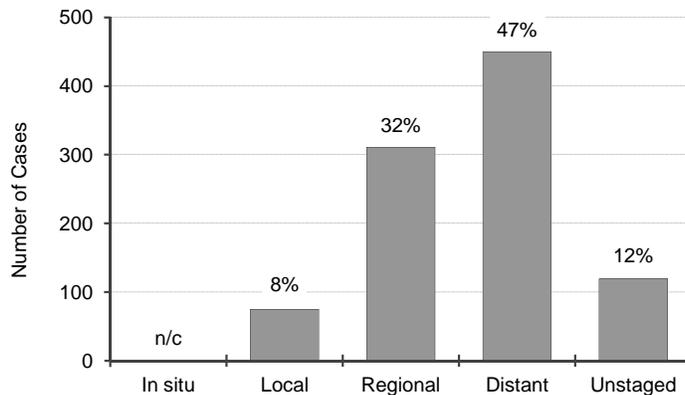
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	485	472	957
2012 Incidence Rates	14.4	11.6	12.9
2011 National Rates	14.1	10.7	12.2

Death			
	Male	Female	Total
Deaths	413	404	817
2012 Death Rates	12.6	10.1	11.2
2011 National Rates	12.5	9.5	10.9

### Stage at Diagnosis

2012 Washington State Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	79%
Local	27%
Regional	11%
Distant	3%
Unstaged	4%
Overall	8%

n/c not calculated because the number of cases is less than 10.

Figures include in situ and invasive cancers

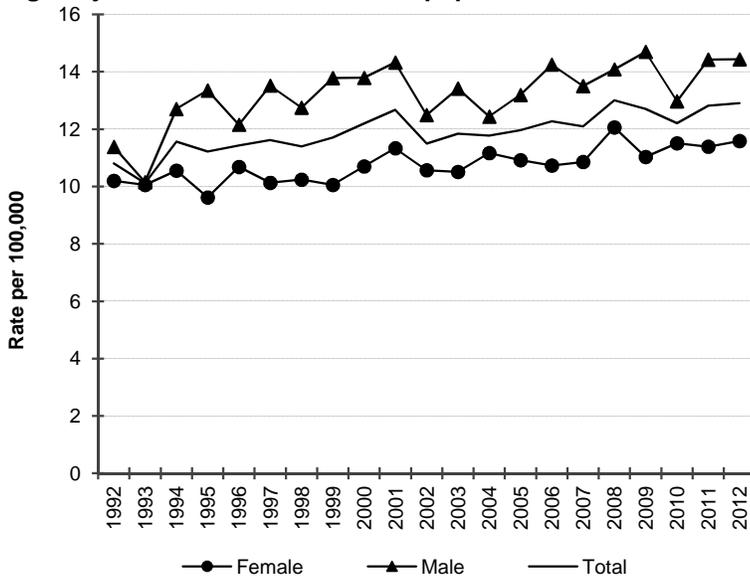
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

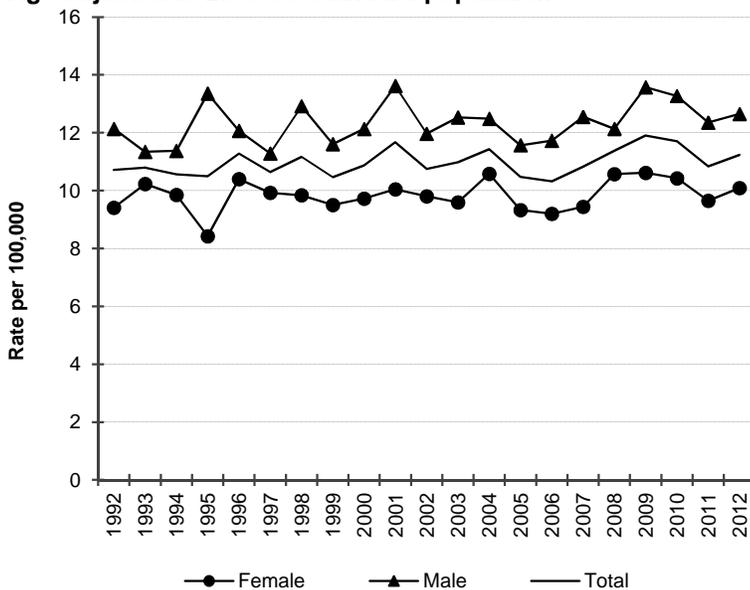
# Pancreas

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For pancreatic cancer age-adjusted incidence rates have changed as follows.  
**Both sexes combined:** Rates increased slightly by 0.8% per year from 1992 to 2012.  
**Men:** Rates increased slightly by 0.9% per year from 1992 to 2012.  
**Women:** Rates increased slightly by 0.7% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For pancreatic cancer age-adjusted mortality rates have changed as follows.  
**Both sexes combined:** Rates remained level from 1992 to 2012.  
**Men:** Rates remained level from 1992 to 2012.  
**Women:** Rates remained level from 1992 to 2012.

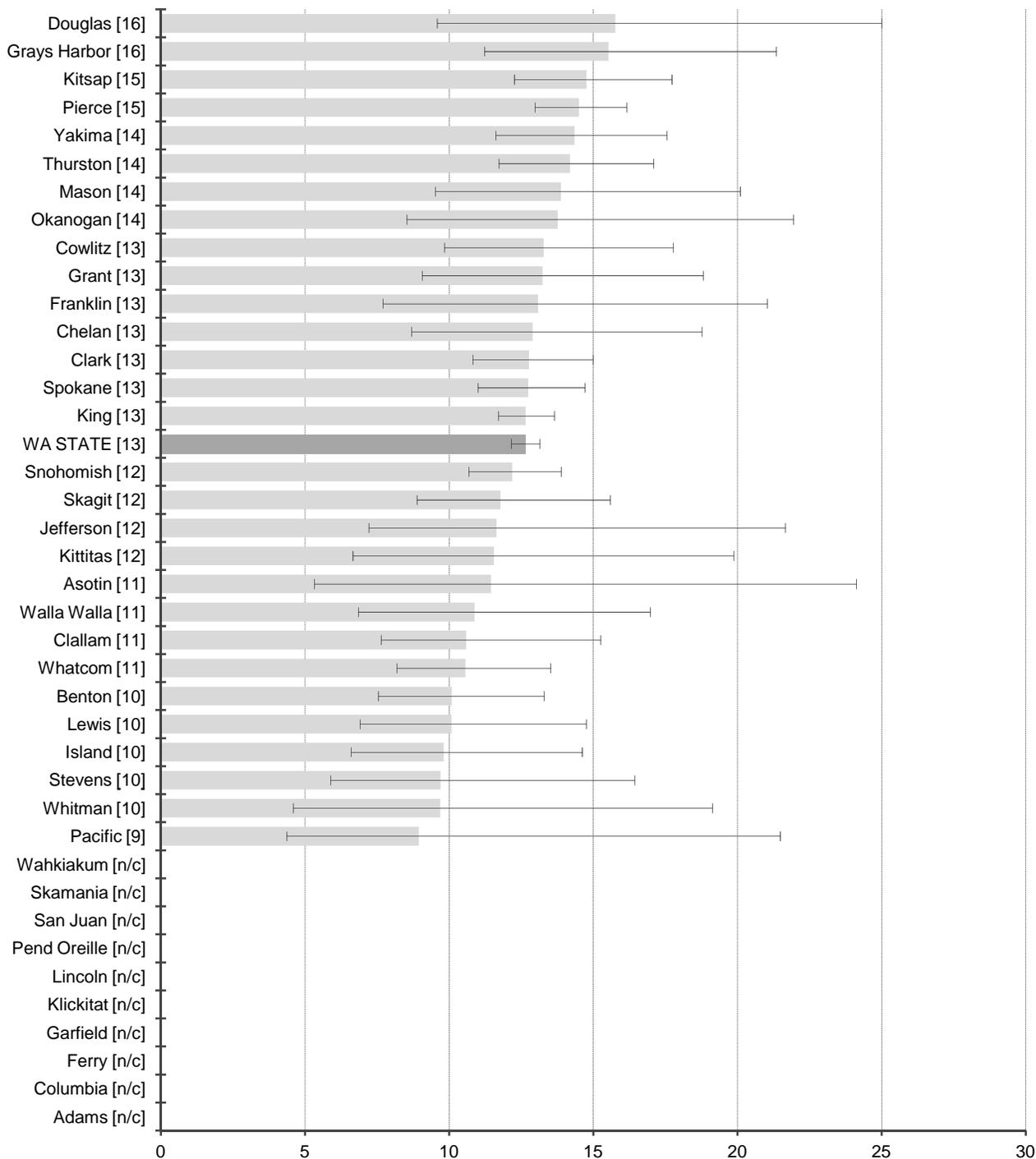
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Pancreas

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

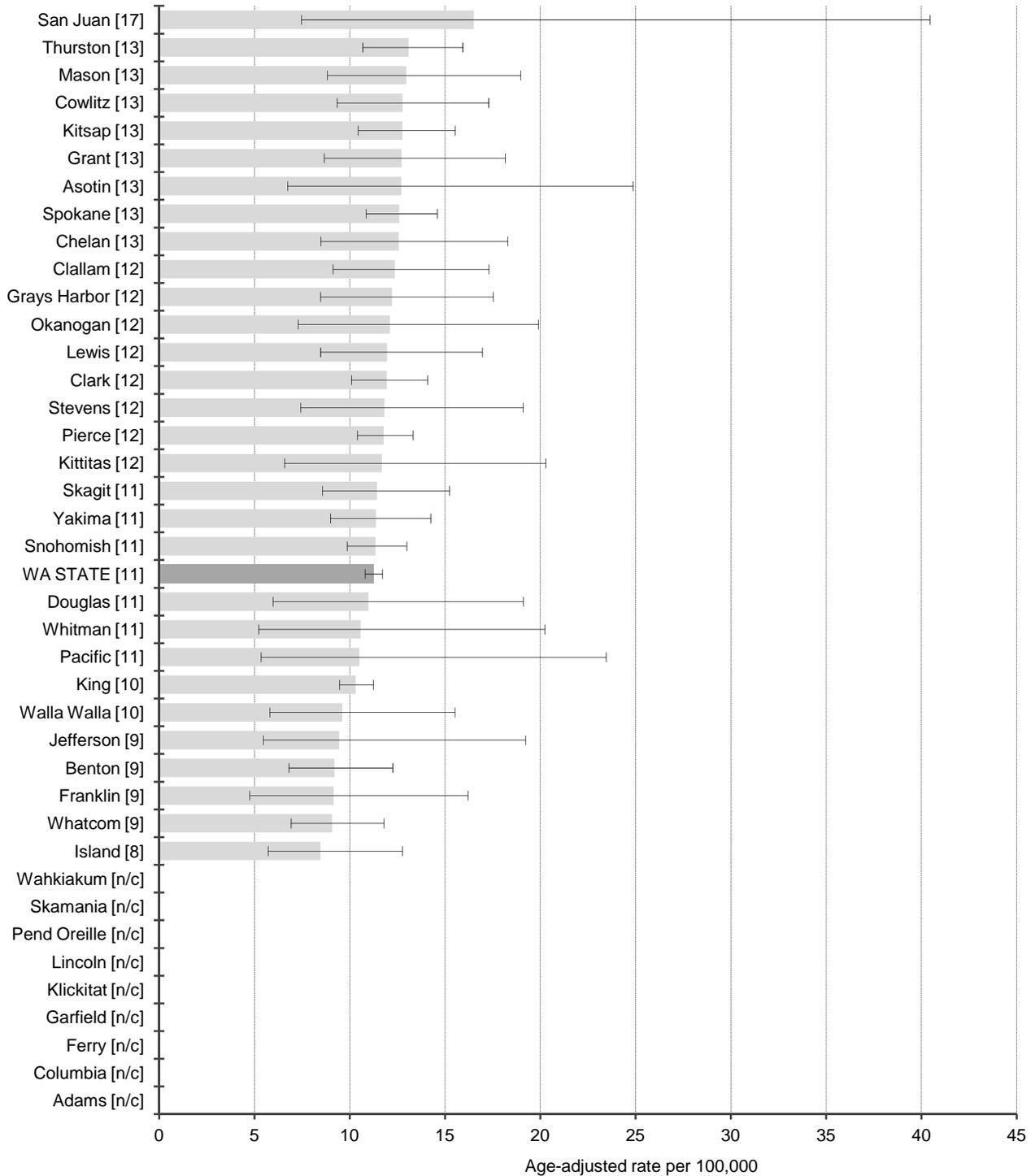
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Pancreas

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Prostate

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C61.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 code 185 (1992-1998), ICD-10 code C61 (1999-2012).

## 2012 Washington State Male Residents

### Incidence and Death Summary by Sex

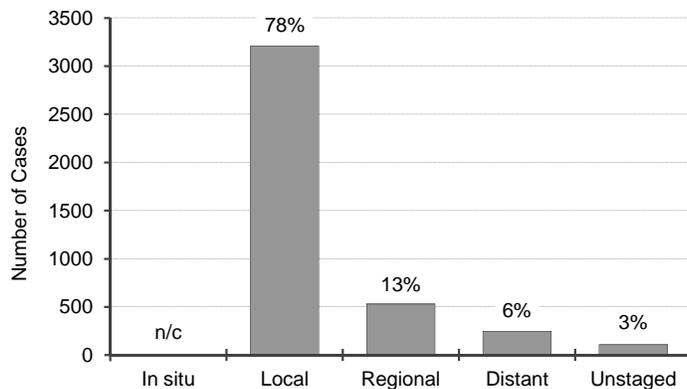
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	4,098	n/a	n/a
2012 Incidence Rates	110.9	n/a	n/a
2011 National Rates	135.8	n/a	n/a

Death			
	Male	Female	Total
Deaths	563	n/a	n/a
2012 Death Rates	19.1	n/a	n/a
2011 National Rates	20.8	n/a	n/a

### Stage at Diagnosis

2012 Washington State Male Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	99%
Local	100%
Regional	100%
Distant	28%
Unstaged	75%
Overall	99%

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

Figures include in situ and invasive cancers

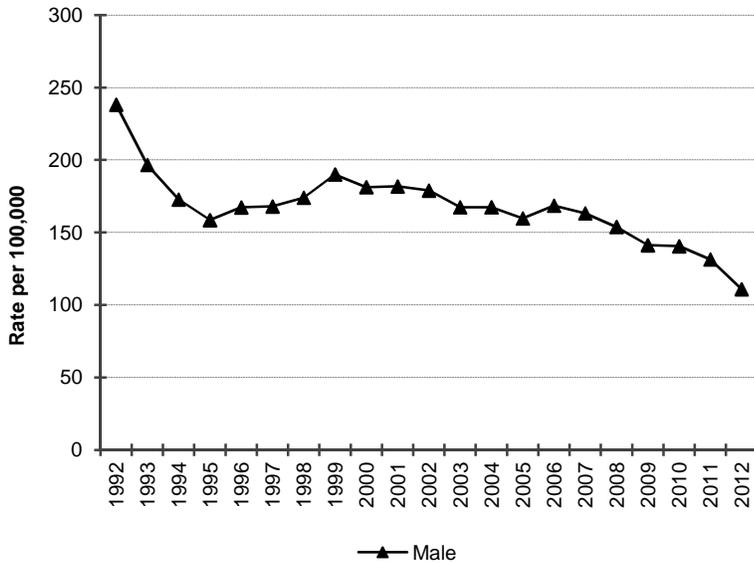
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

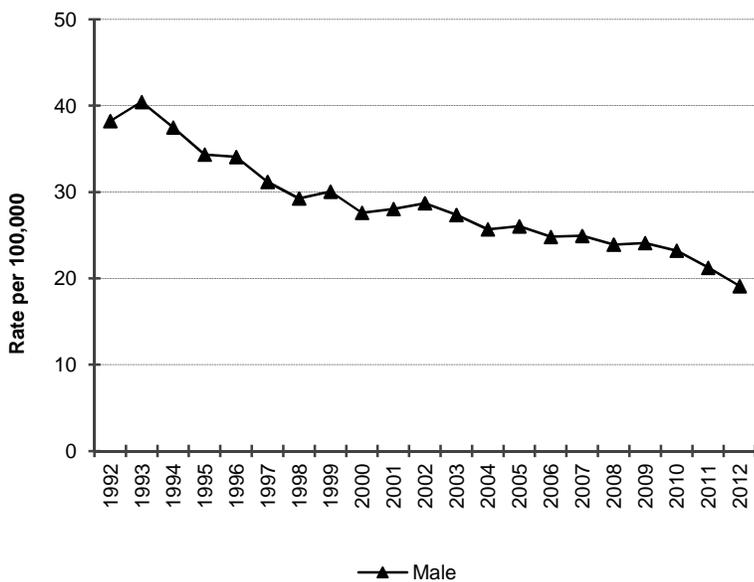
# Prostate

Washington State Male Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For prostate cancer age-adjusted incidence rates have decreased sharply by 12.6% per year from 1992 to 1995; rates remained level from 1995 to 1999; rates decreased steadily by 1.9% per year from 1999 to 2008; rates decreased sharply by 7.1% per year since 2008.

Washington State Male Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For prostate cancer age-adjusted mortality rates have decreased sharply by 4.9% per year from 1992 to 1998; rates decreased steadily by 2.1% per year from 1998 to 2010; rates remained level since 2010.

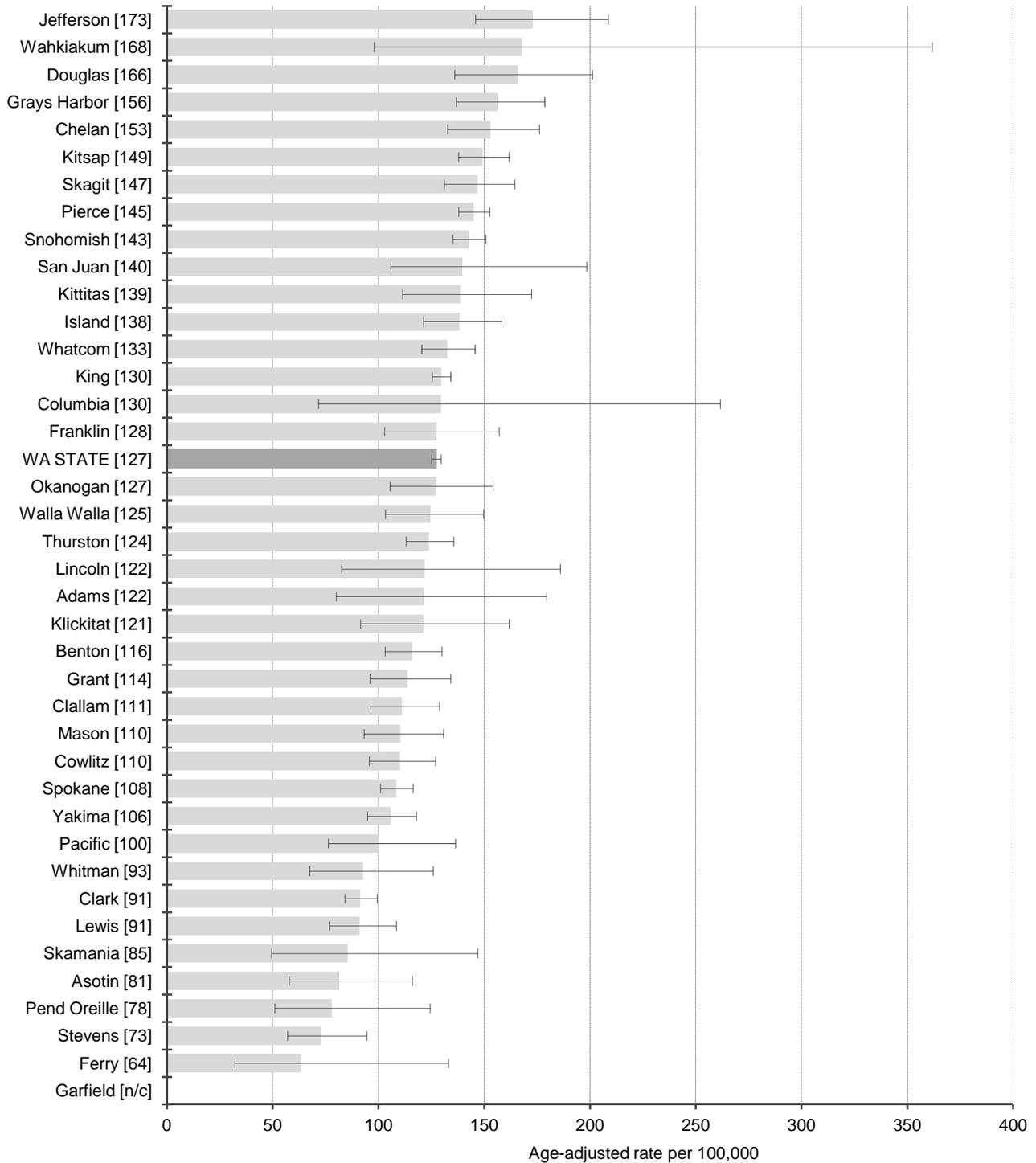
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Prostate

2010-2012 Washington State Male Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



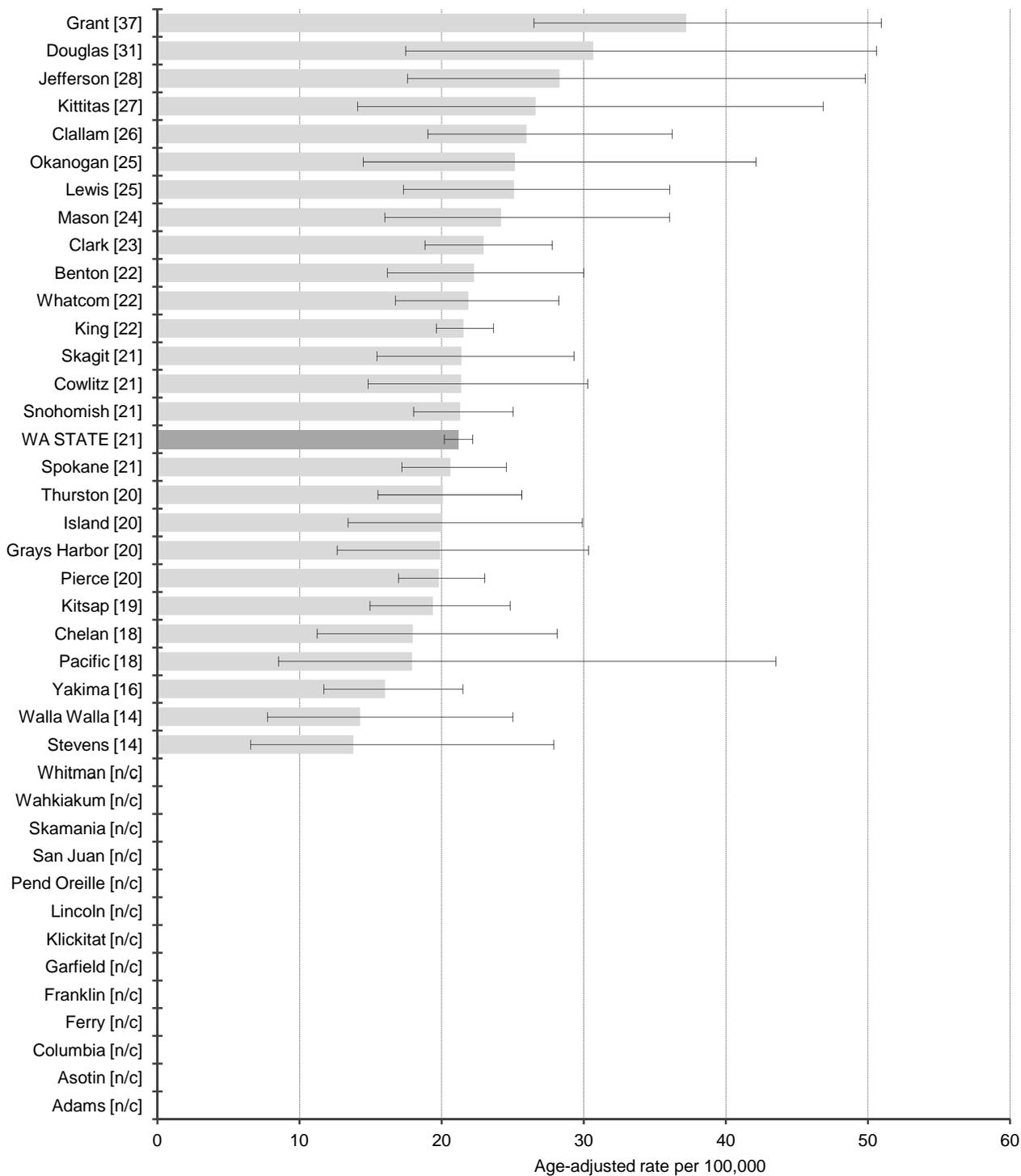
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Prostate

2010-2012 Washington State Male Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Soft Tissue Including Heart

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C38.0, C47.0-C47.9, C49.0-C49.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 164.1, 171.0-171.9 (1992-1998), ICD-10 codes C47, C49, C38.0 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

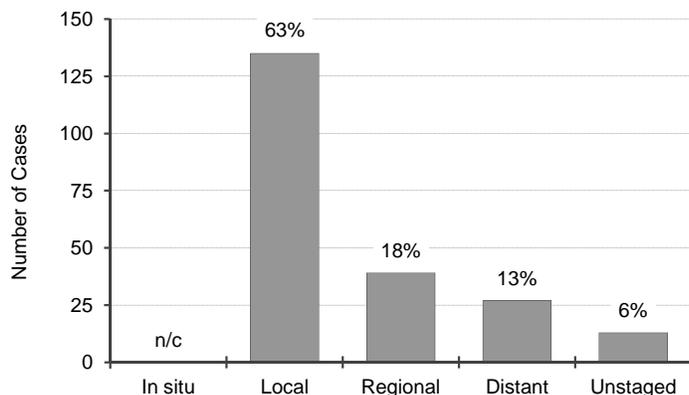
Incidence			
	Male	Female	Total
All Reportable Cancers	109	105	214
2012 Incidence Rates	3.2	2.8	3.0
2011 National Rates	4.0	2.7	3.3

Death			
	Male	Female	Total
Deaths	43	40	83
2012 Death Rates	1.3	1.0	1.1
2011 National Rates	1.5	1.2	1.3

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	80%
Regional	61%
Distant	17%
Unstaged	53%
Overall	64%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include only invasive cancers

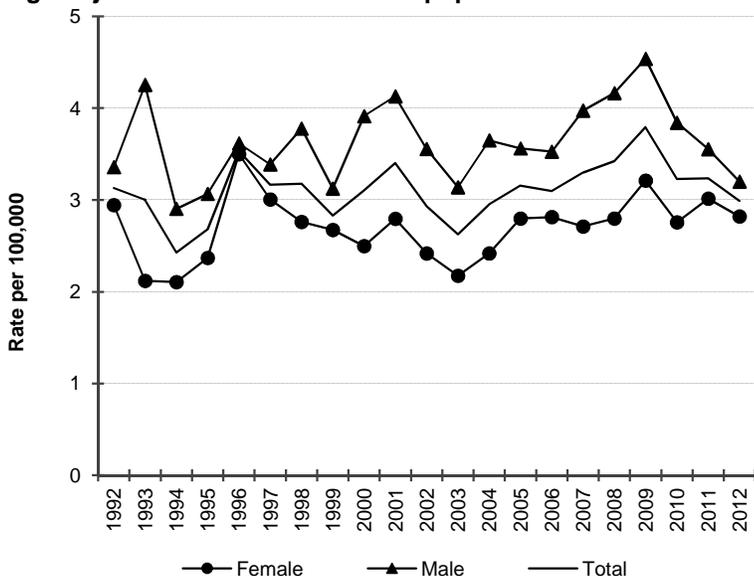
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Soft Tissue Including Heart

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



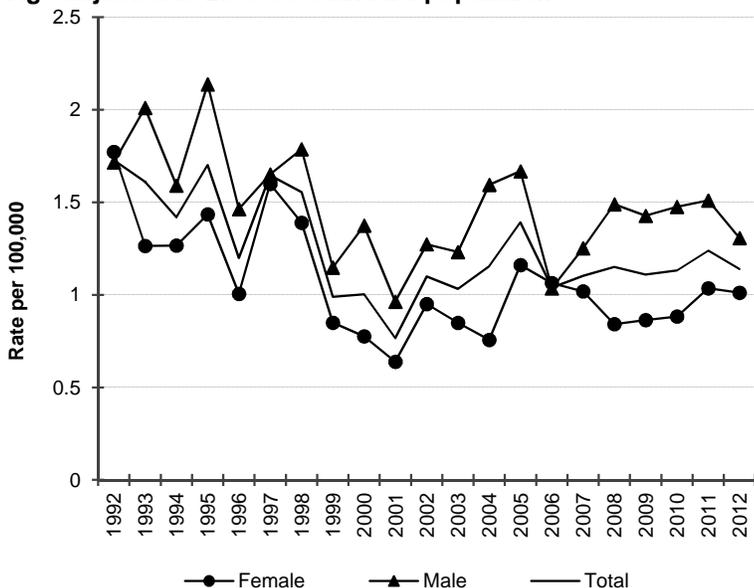
For soft tissue including heart age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For soft tissue including heart the age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased sharply by 5.6% per year from 1992 to 2001; remained level from 2001 to 2012.

**Men:** Rates decreased steadily by 1.4% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 2.4% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

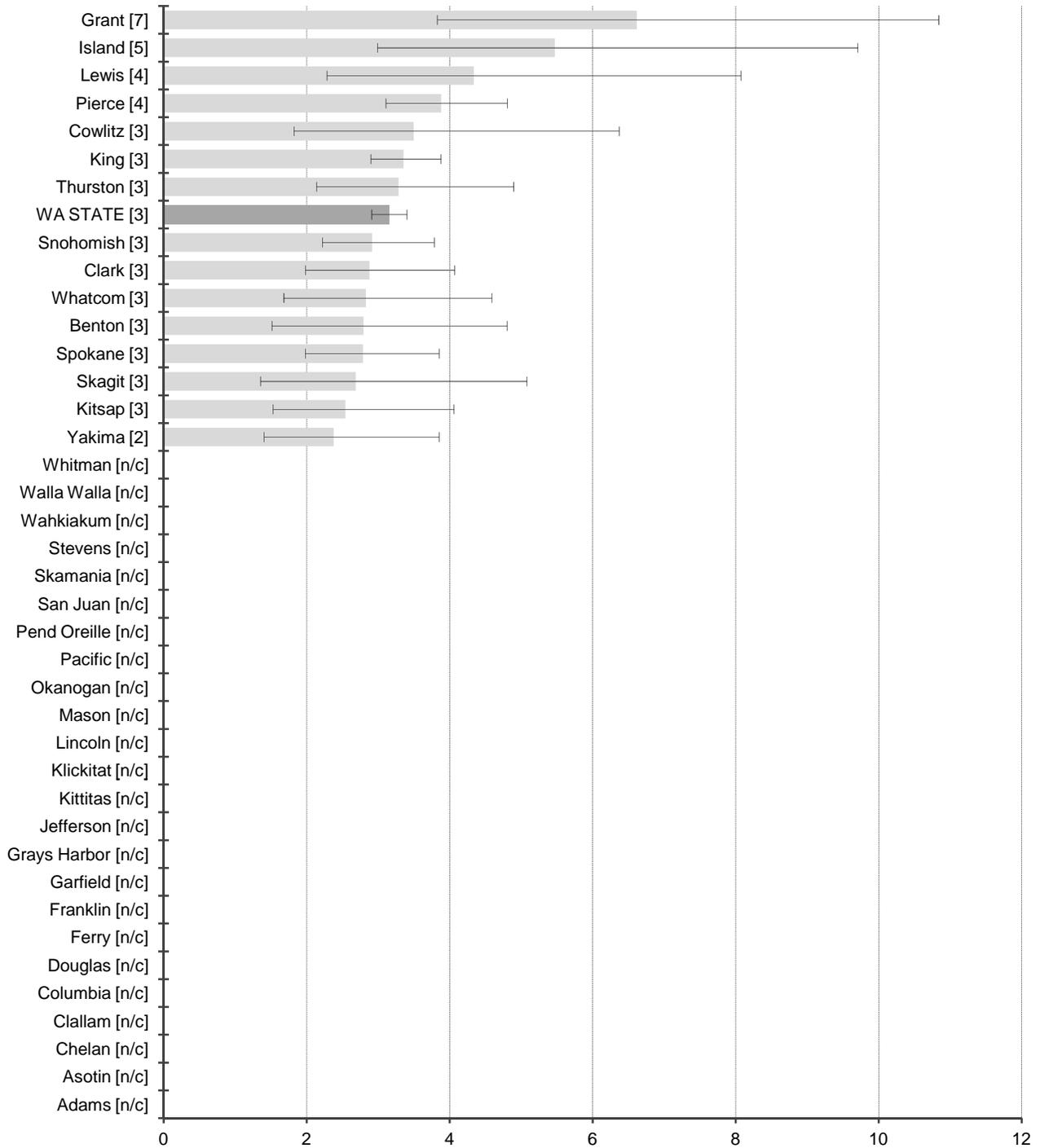
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Soft Tissue Including Heart

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

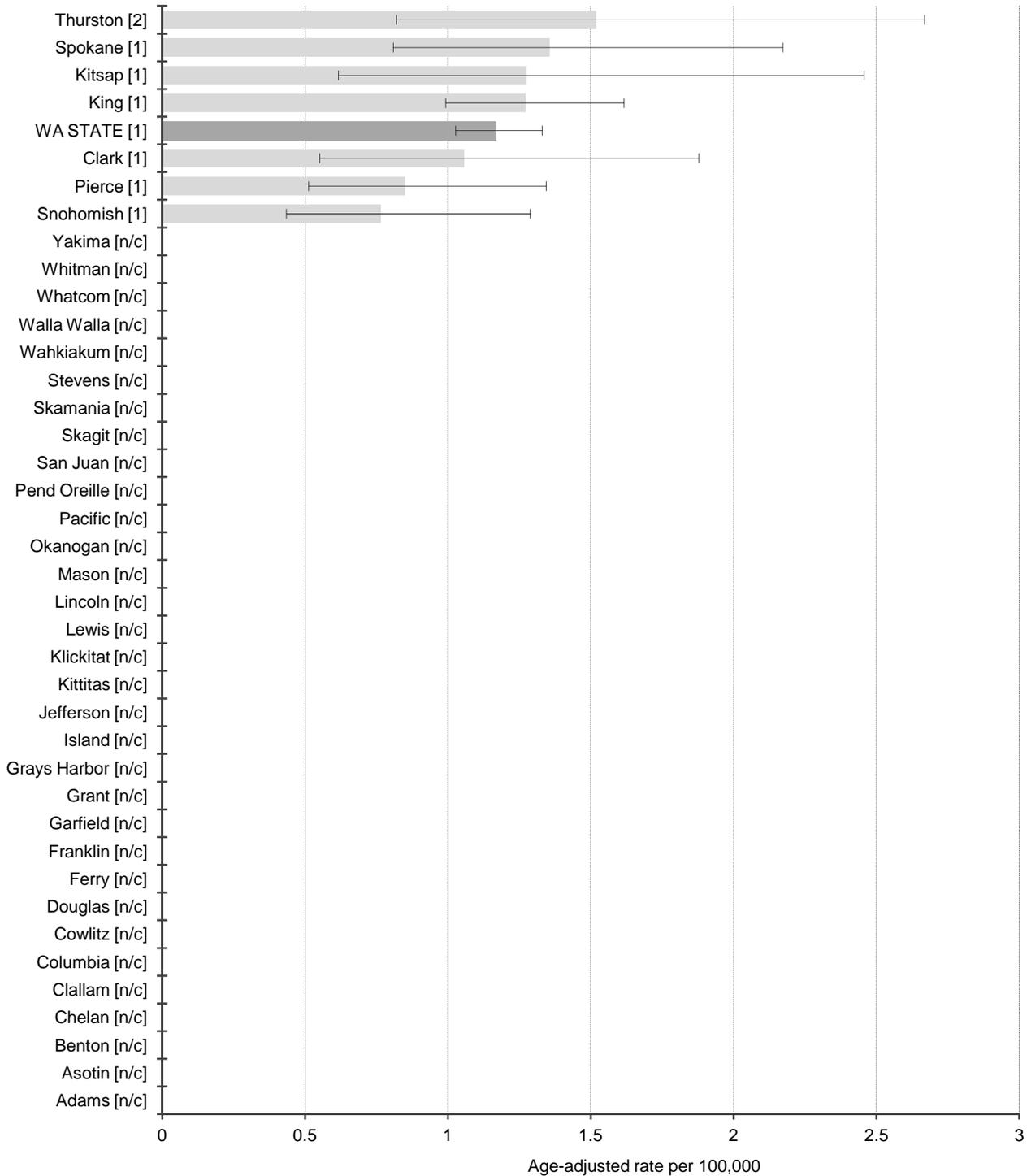
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Soft Tissue Including Heart

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Stomach

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C16.0-C16.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 151.0-151.9 (1992-1998), ICD-10 code C16 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

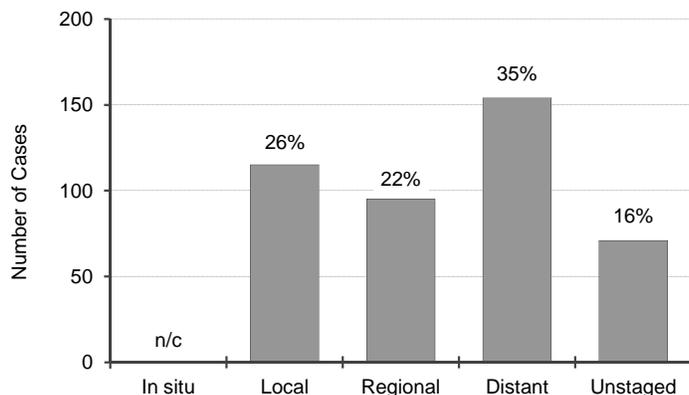
Incidence			
	Male	Female	Total
All Reportable Cancers	291	149	440
2012 Incidence Rates	8.6	3.8	6.0
2011 National Rates	9.9	5.2	7.3

Death			
	Male	Female	Total
Deaths	128	92	220
2012 Death Rates	3.9	2.3	3.0
2011 National Rates	4.4	2.3	3.3

### Stage at Diagnosis

#### 2012 Washington State Residents

#### Total Incidence and Percents



### Relative Survival Rates

#### 2011 National 5-year rates<sup>1</sup>

In situ	77%
Local	66%
Regional	30%
Distant	4%
Unstaged	20%
Overall	29%

n/c not calculated because the number of cases is less than 10.

Figures include in situ and invasive cancers

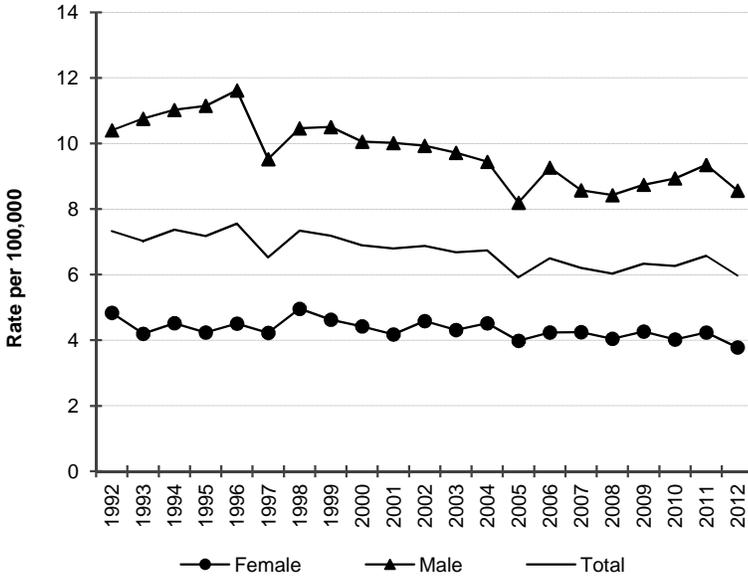
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Stomach

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



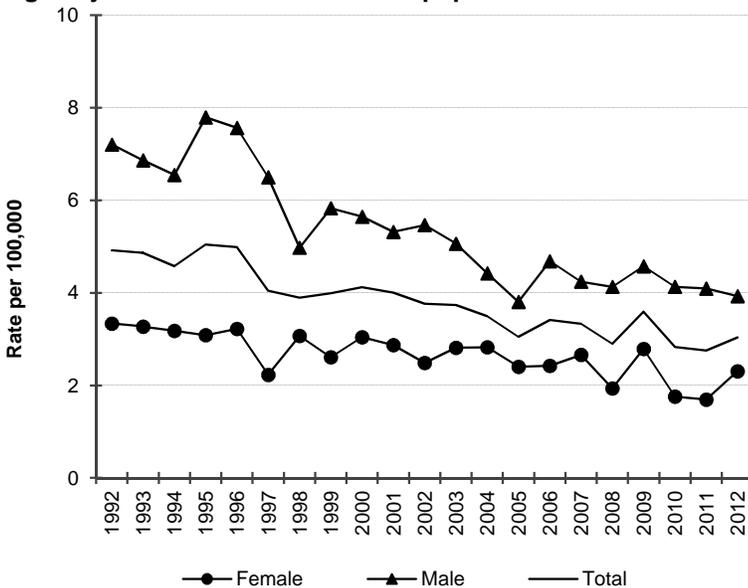
For stomach cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 1.0% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 1.3% per year from 1992 to 2012.

**Women:** Rates decreased slightly by 0.7% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For stomach cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates decreased steadily by 2.8% per year from 1992 to 2012.

**Men:** Rates decreased steadily by 3.4% per year from 1992 to 2012.

**Women:** Rates decreased steadily by 2.3% per year from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

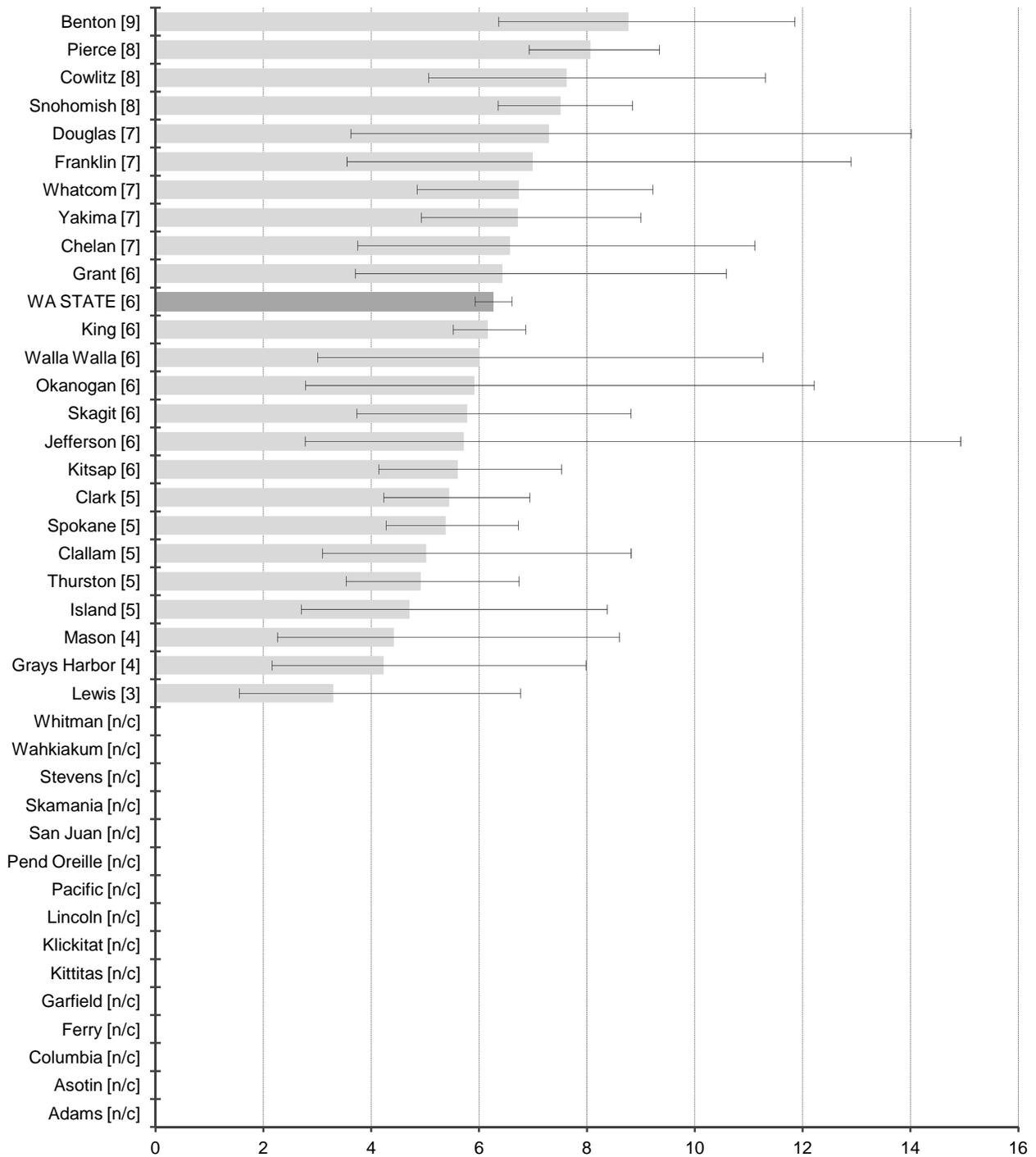
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Stomach

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

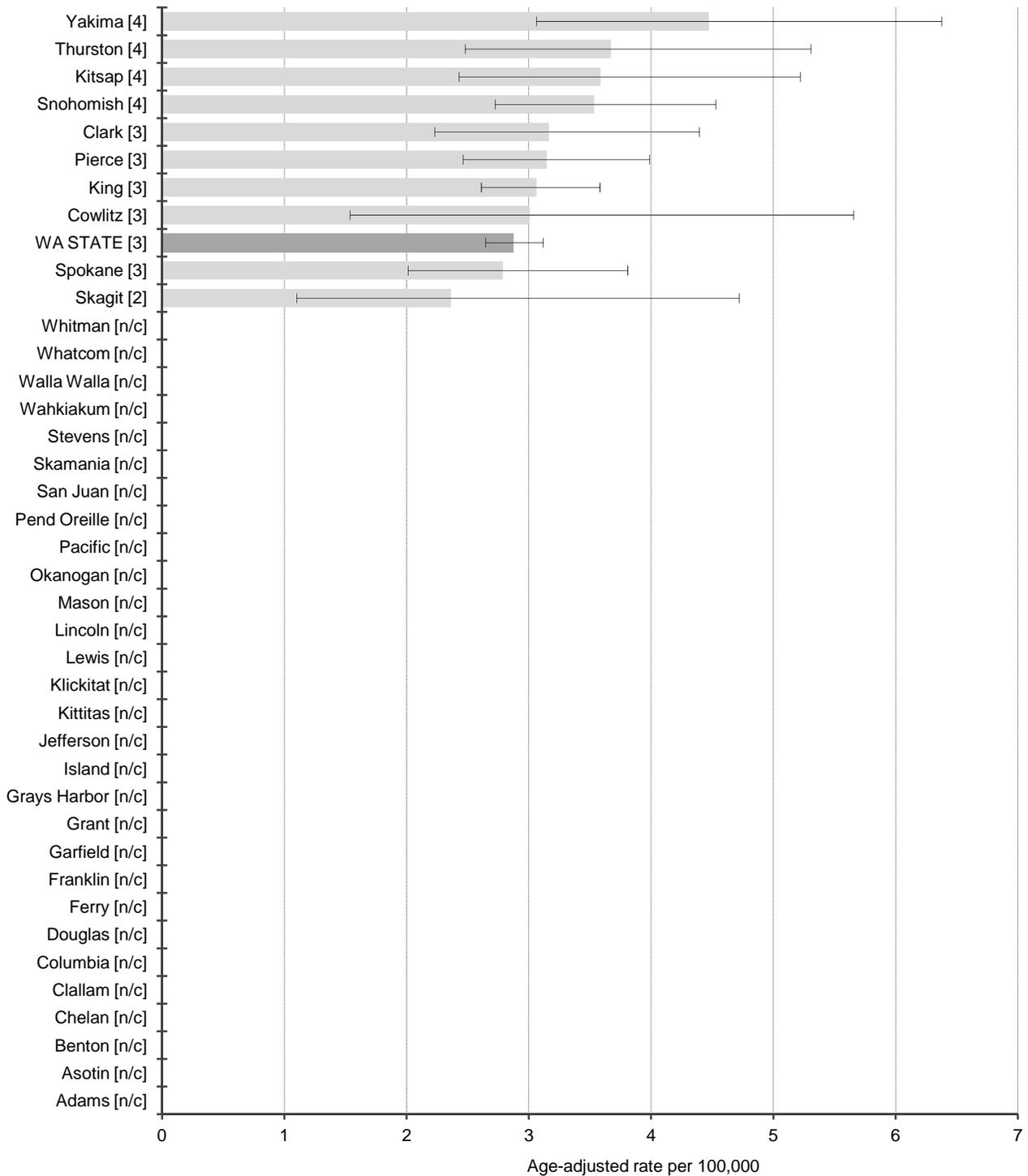
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Stomach

2010-2012 Washington State Residents

## Average Annual Death Rates by County with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Testis

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 codes C62.0-C62.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 codes 186.0-186.9 (1992-1998), ICD-10 code C62 (1999-2012).

## 2012 Washington State Male Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

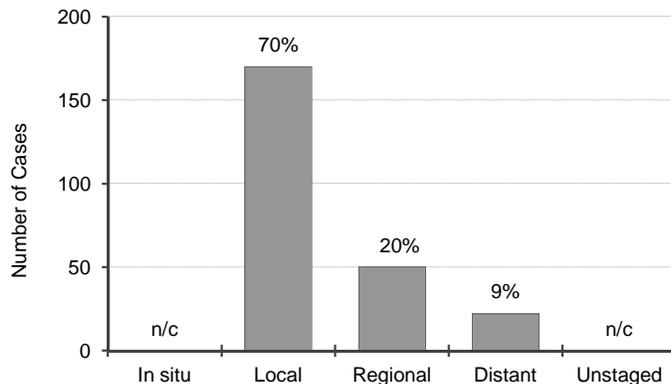
Incidence			
	Male	Female	Total
All Reportable Cancers	244	n/a	n/a
2012 Incidence Rates	7.3	n/a	n/a
2011 National Rates	5.5	n/a	n/a

Death			
	Male	Female	Total
Deaths	5	n/a	n/a
2012 Death Rates	0.2	n/a	n/a
2011 National Rates	0.3	n/a	n/a

### Stage at Diagnosis

#### 2012 Washington State Male Residents

#### Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	100%
Local	99%
Regional	96%
Distant	74%
Unstaged	78%
Overall	95%

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

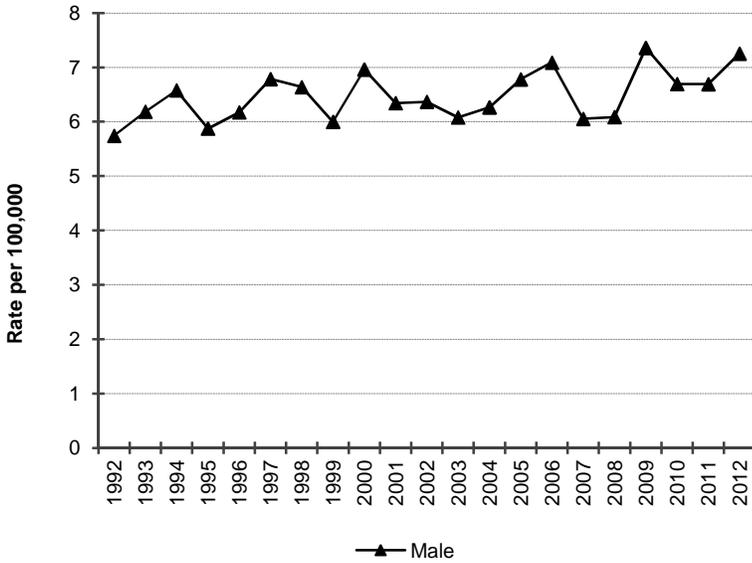
Figures include only invasive cancers

<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011. Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

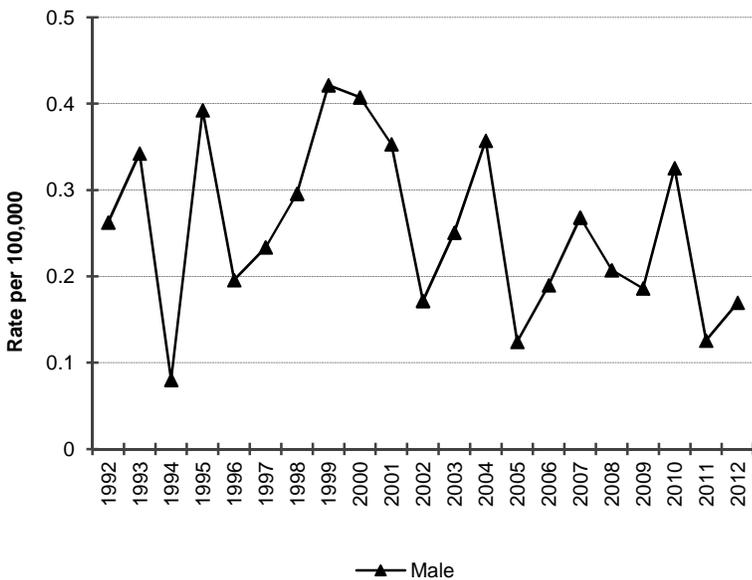
# Testis

Washington State Male Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For testicular cancer age-adjusted incidence rates have increased slightly by 0.6% per year from 1992 to 2012.

Washington State Male Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For testicular cancer age-adjusted mortality rates have remained level from 1992 to 2012.

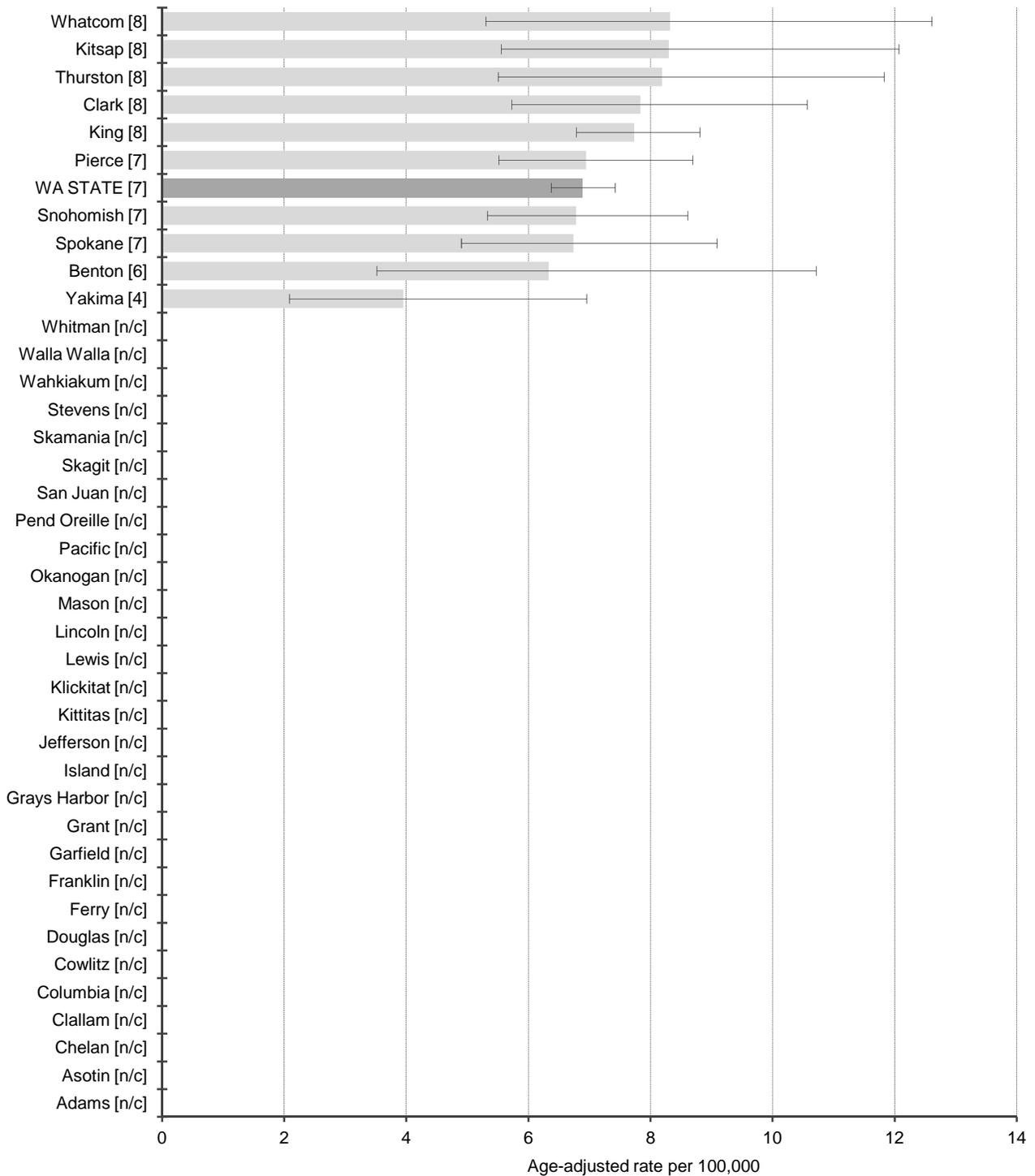
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Testis

2010-2012 Washington State Male Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

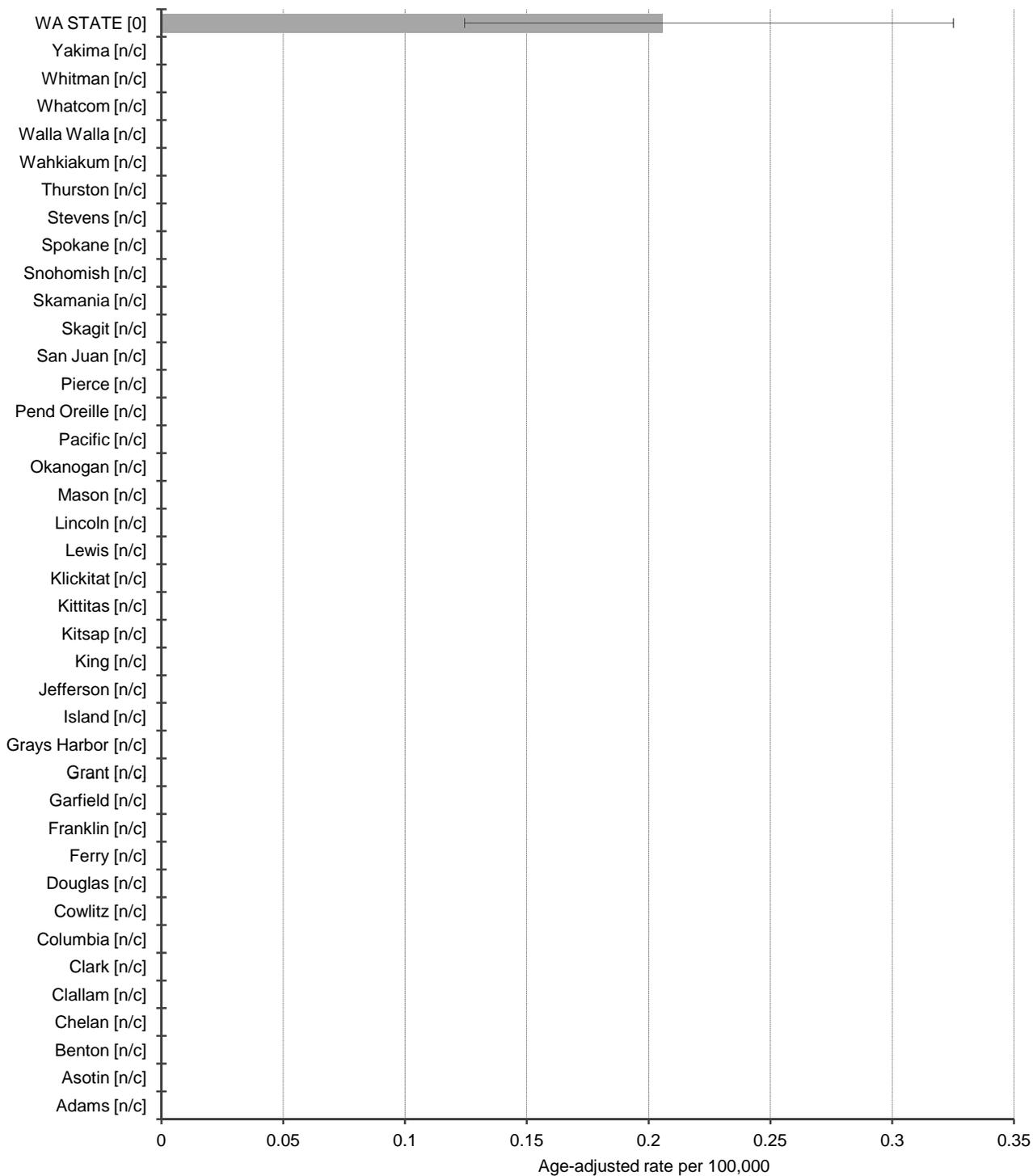
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Testis

2010-2012 Washington State Male Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Thyroid

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C73.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 code 193 (1992-1998), ICD-10 code C73 (1999-2012).

## 2012 Washington State Residents

### Incidence and Death Summary by Sex

Counts and rates per 100,000 adjusted to the 2000 standard population

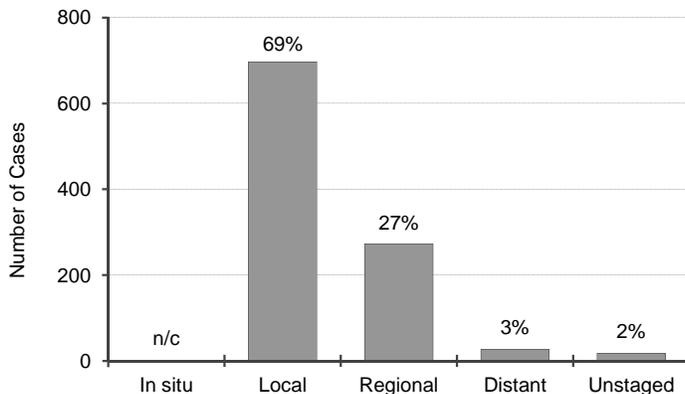
Incidence			
	Male	Female	Total
All Reportable Cancers	249	766	1,015
2012 Incidence Rates	7.0	21.5	14.2
2011 National Rates	6.9	20.5	13.8

Death			
	Male	Female	Total
Deaths	19	19	38
2012 Death Rates	0.6	0.5	0.5
2011 National Rates	0.5	0.5	0.5

### Stage at Diagnosis

#### 2012 Washington State Residents

Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	n/a
Local	100%
Regional	98%
Distant	55%
Unstaged	88%
Overall	98%

n/a=not available

n/c not calculated because the number of cases is less than 10.

Figures include in situ and invasive cancers

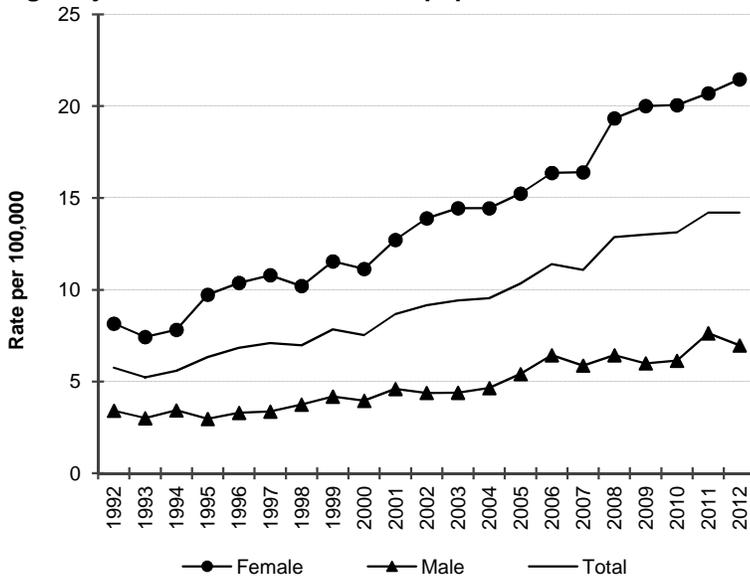
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Thyroid

Washington State Residents by Gender  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



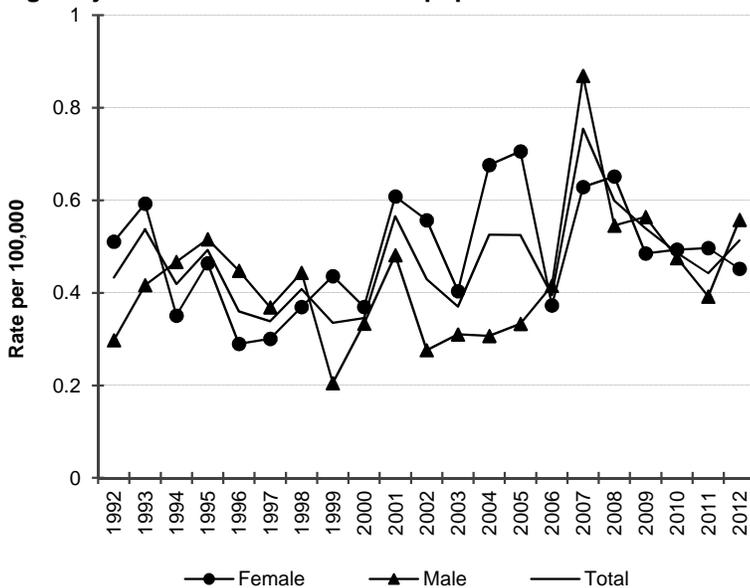
For thyroid cancer age-adjusted incidence rates have changed as follows.

**Both sexes combined:** Rates increased sharply by 5.2% per year from 1992 to 2012.

**Men:** Rates increased sharply by 4.7% per year from 1992 to 2012.

**Women:** Rates increased sharply by 5.3% per year from 1992 to 2012.

Washington State Residents by Gender  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For thyroid cancer age-adjusted mortality rates have changed as follows.

**Both sexes combined:** Rates remained level from 1992 to 2012.

**Men:** Rates remained level from 1992 to 2012.

**Women:** Rates remained level from 1992 to 2012.

The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

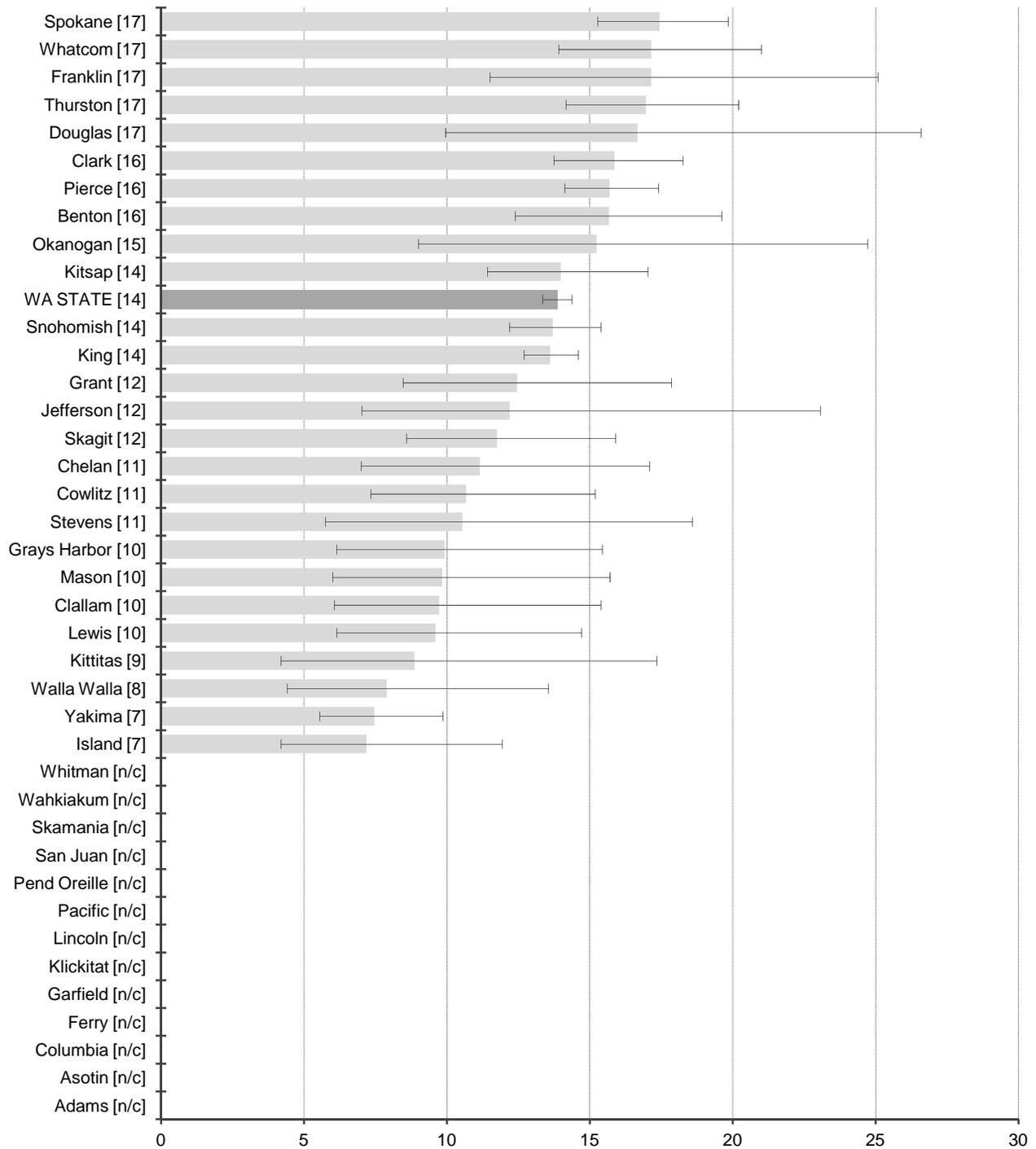
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Thyroid

2010-2012 Washington State Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

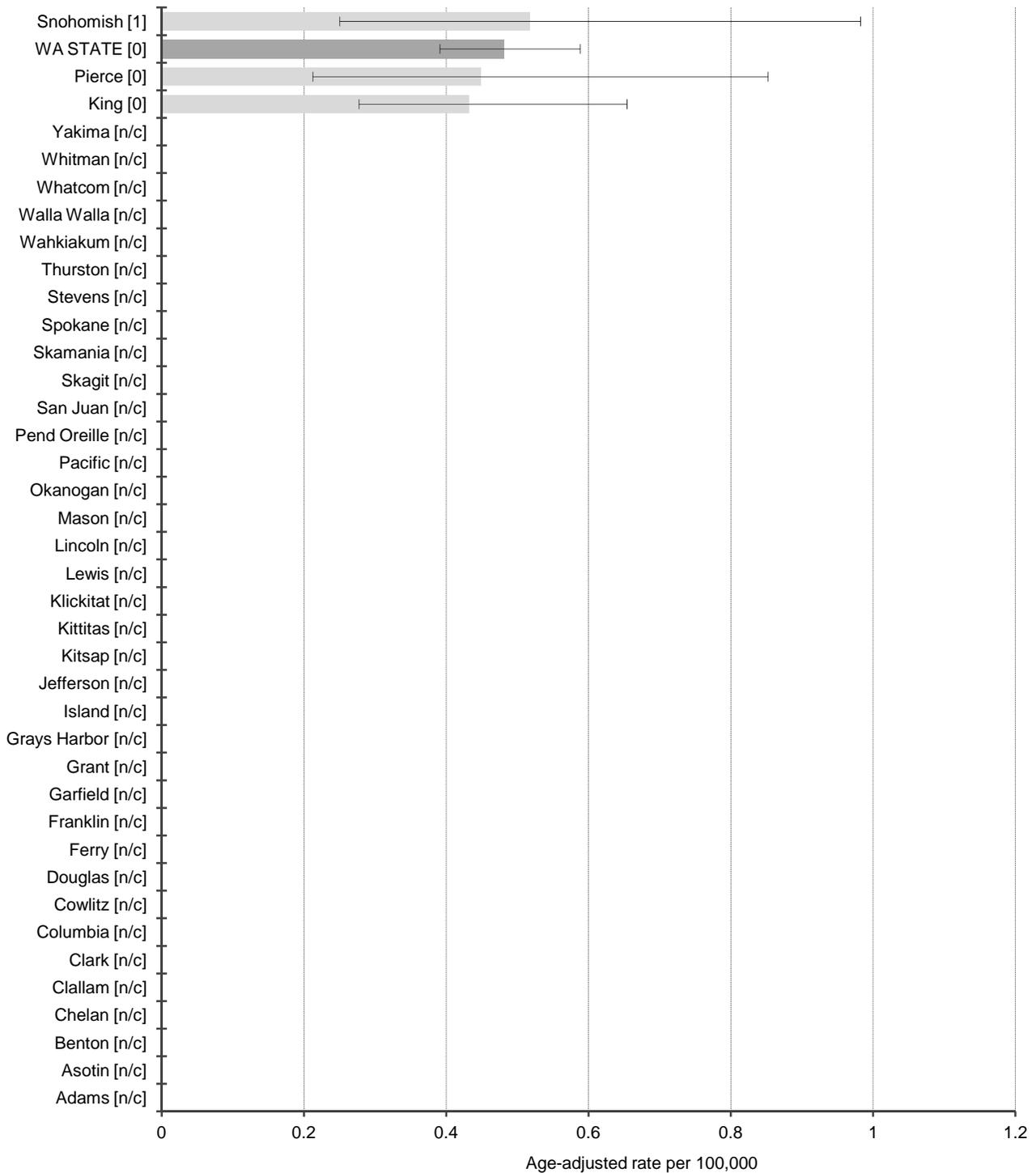
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Thyroid

2010-2012 Washington State Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Vulva (Female)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-03 code C51.0-C51.9, excluding histology codes (2009 and earlier) 9140, 9050-9055, 9590-9989, (2010 and later) 9140, 9050-9055, 9590-9992. Death data were obtained from Washington State death certificates using the underlying cause of death ICD-9 code 184.1-184.4 (1992-1998), ICD-10 code C51 (1999-2012).

## 2012 Washington State Female Residents

### Incidence and Death Summary by Sex

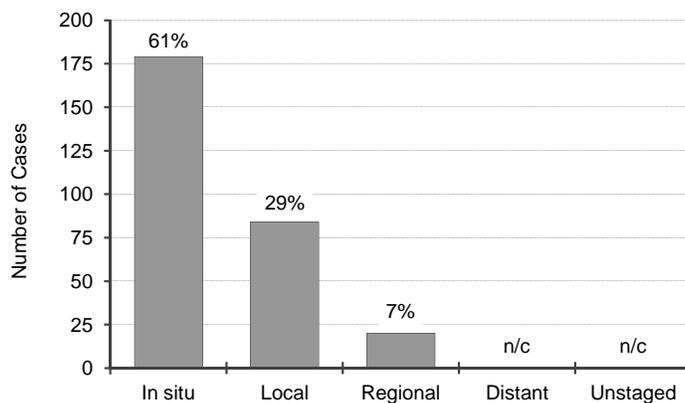
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	292	n/a
2012 Incidence Rates	n/a	7.4	n/a
2011 National Rates	n/a	6.5	n/a

Death			
	Male	Female	Total
Deaths	n/a	13	n/a
2012 Death Rates	n/a	0.3	n/a
2011 National Rates	n/a	0.5	n/a

### Stage at Diagnosis

2012 Washington State Female Residents  
Total Incidence and Percents



### Relative Survival Rates

2011 National 5-year rates<sup>1</sup>

In situ	98%
Local	84%
Regional	54%
Distant	13%
Unstaged	42%
Overall	88%

n/c not calculated because the number of cases is less than 10.

n/a Not available for sex-specific sites.

Figures include in situ and invasive cancers

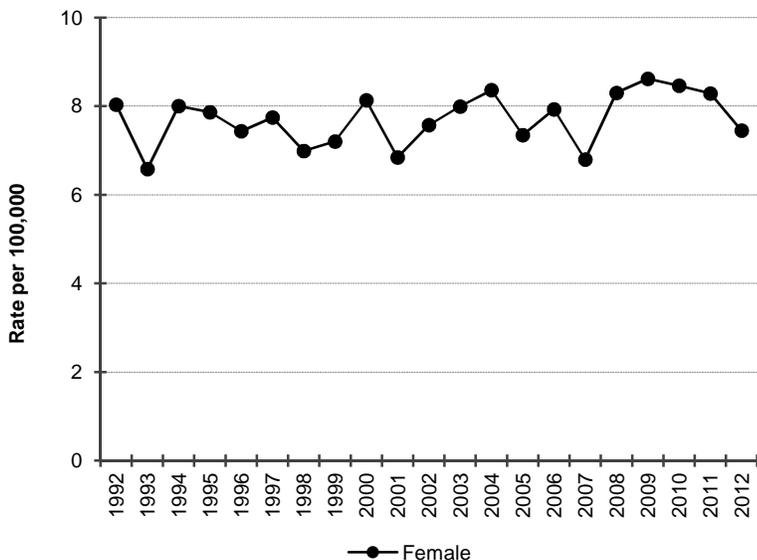
<sup>1</sup> 5-Year Relative Survival Rates for cases diagnosed 2006-2010 based on follow-up of patients through 2011.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

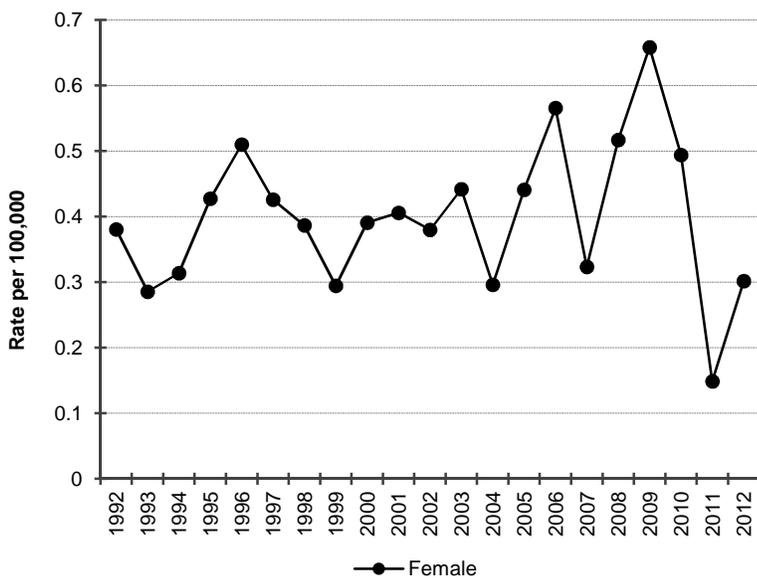
# Vulva (Female)

Washington State Female Residents  
**Incidence Rate Trends**  
 Age-adjusted to 2000 US standard population



For vulva cancer age-adjusted incidence rates have remained level from 1992 to 2012.

Washington State Female Residents  
**Death Rate Trends**  
 Age-adjusted to 2000 US standard population



For vulva age-adjusted mortality rates have remained level from 1992 to 2012.

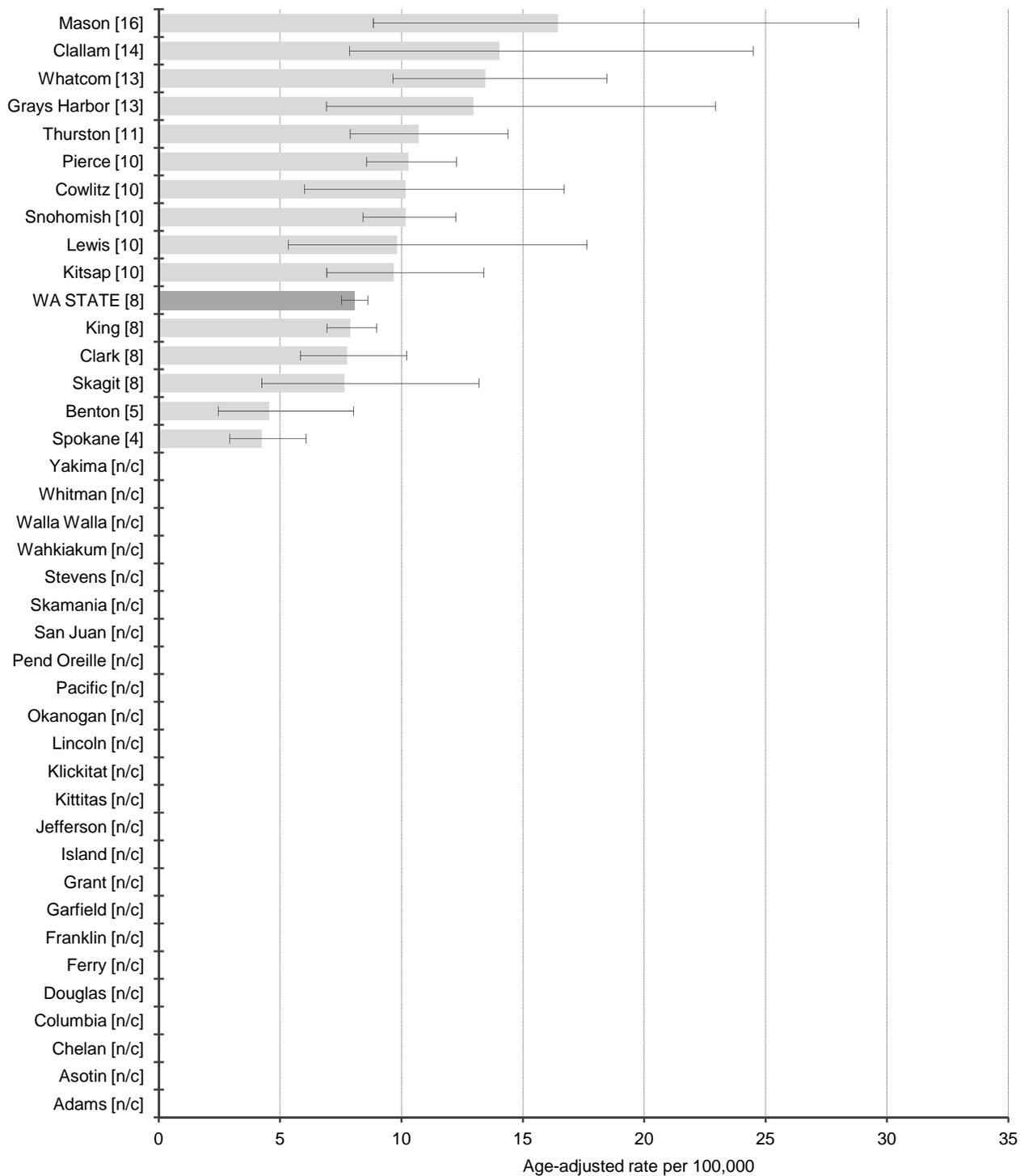
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.  
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.  
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.

# Vulva (Female)

2010-2012 Washington State Female Residents

**Average Annual Incidence Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

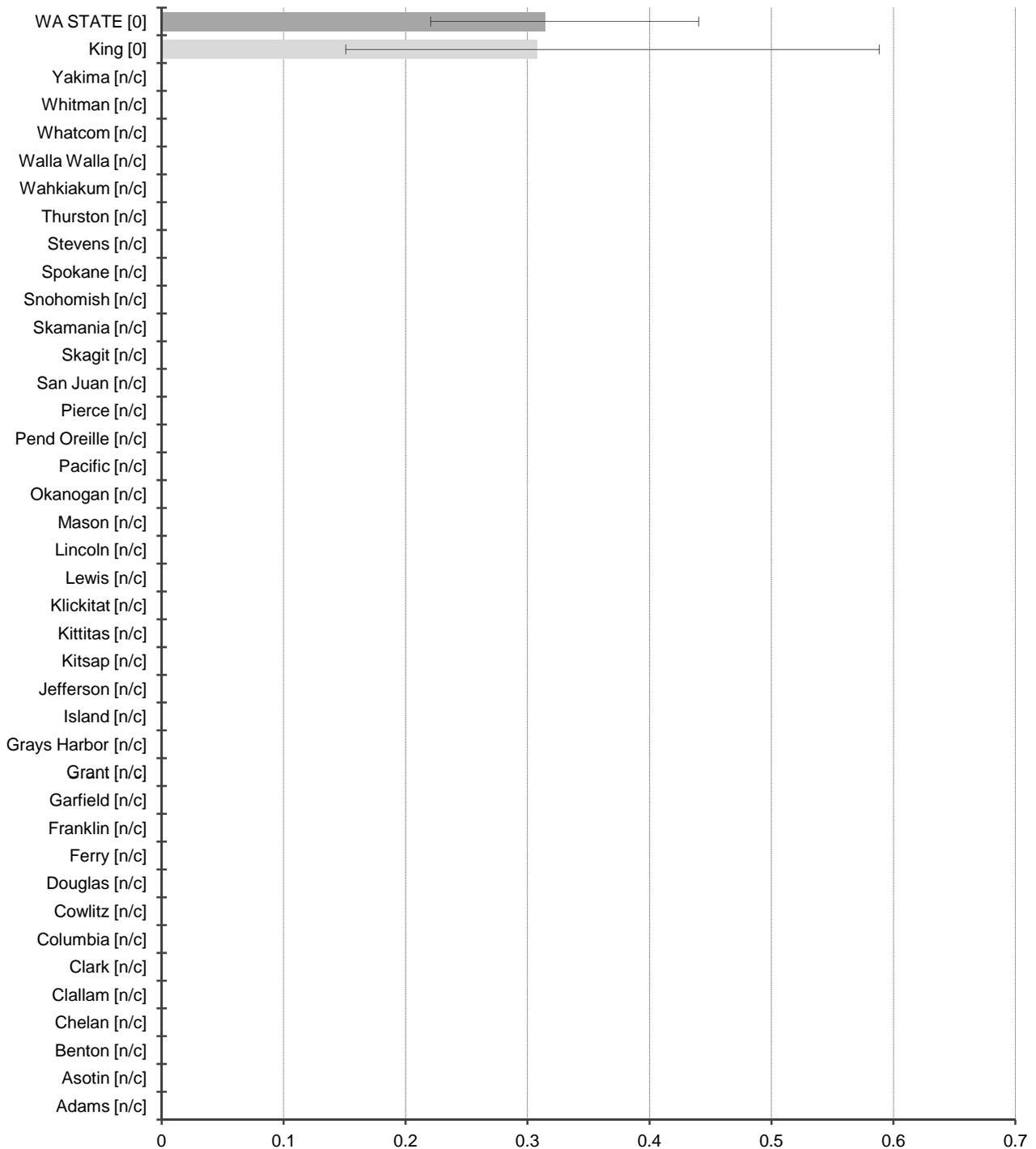
Incidence: Washington State Department of Health, Washington State Cancer Registry, released in January 2015.

# Vulva (Female)

2010-2012 Washington State Female Residents

**Average Annual Death Rates by County** with rates in [ ] and 95% CI's

Age-adjusted to 2000 US standard population



Age-adjusted rate per 100,000  
 NOTE: Rates and confidence intervals are not calculated if there are fewer than 10 cases for the combined data from 2010-2012.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in September 2013.