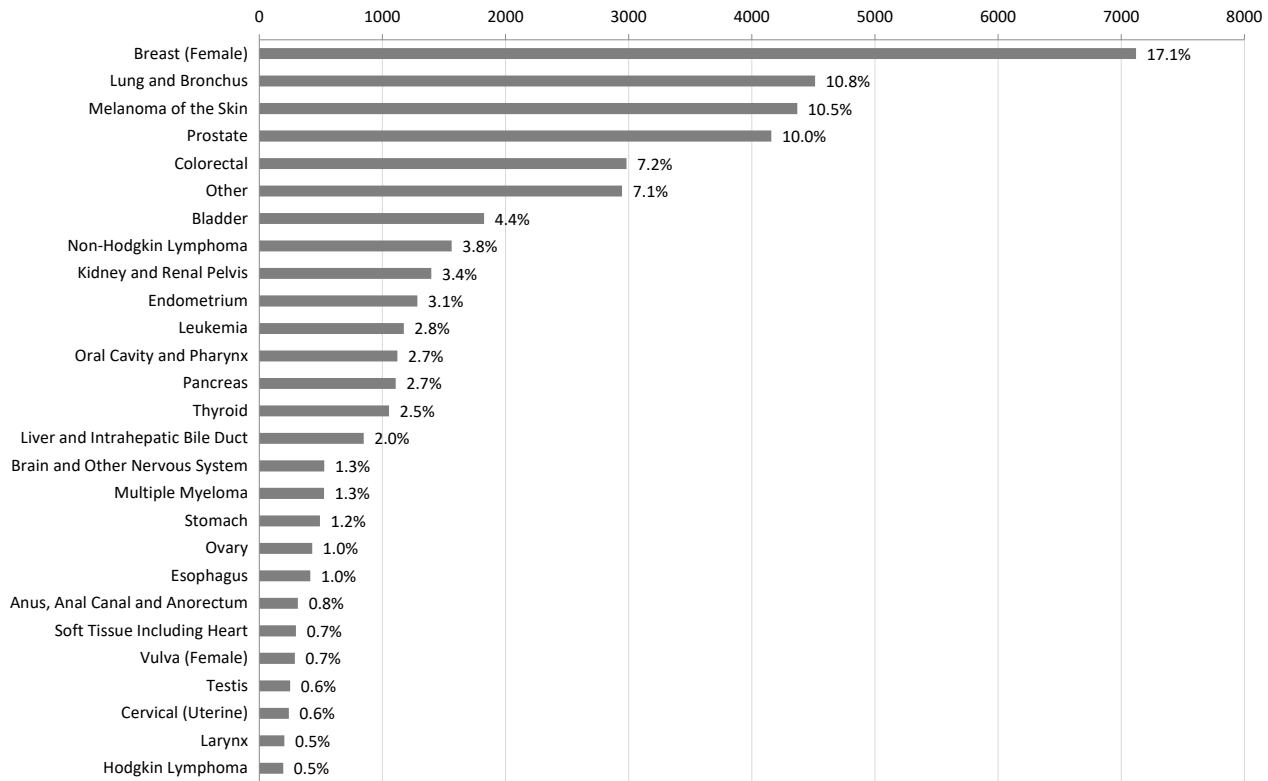
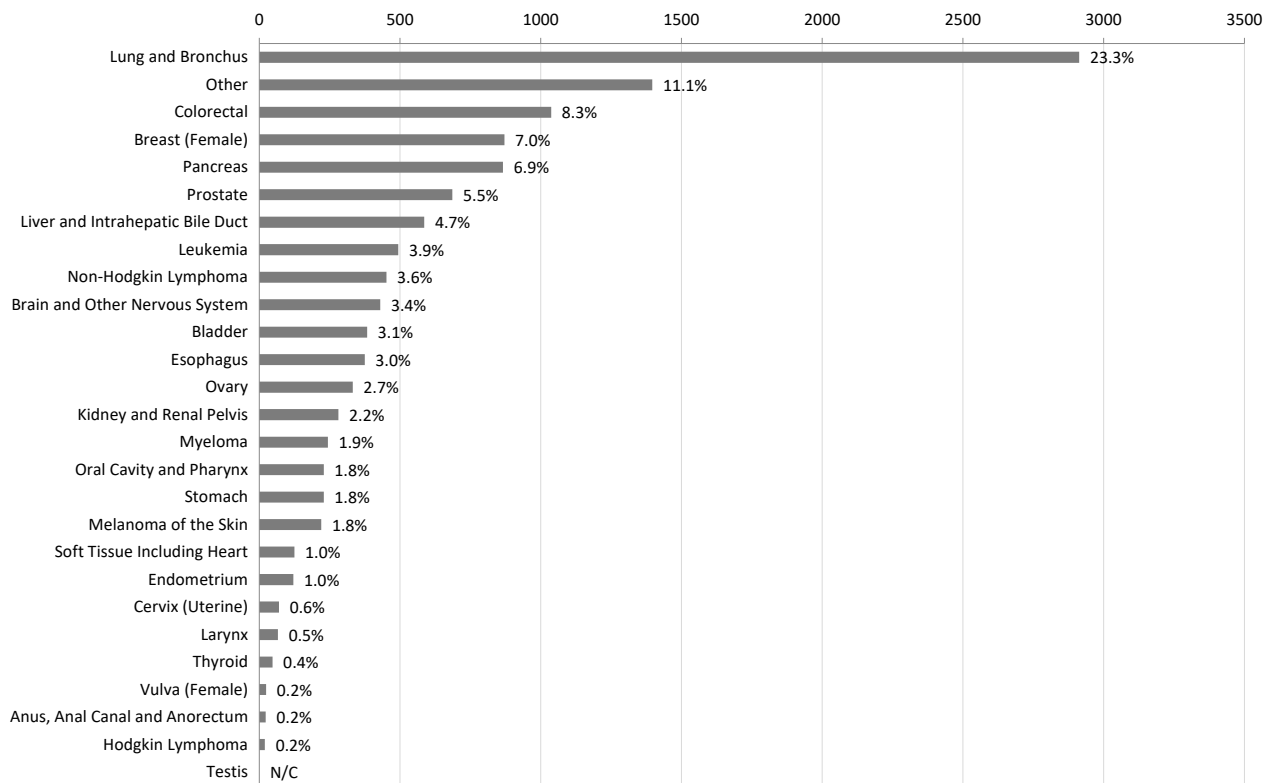


Percent Distribution of Cancer

2016 Total Cancer Incidence of Washington State Residents



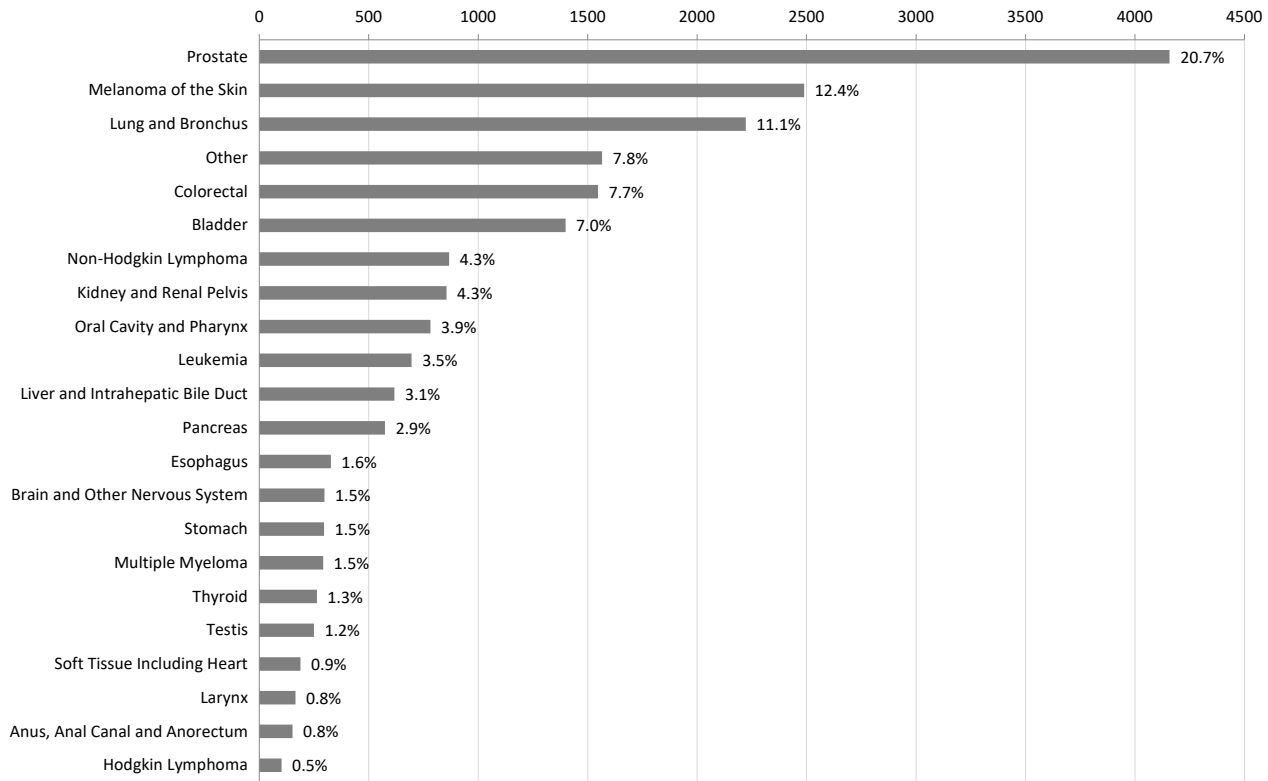
2016 Total Cancer Mortality of Washington State Residents



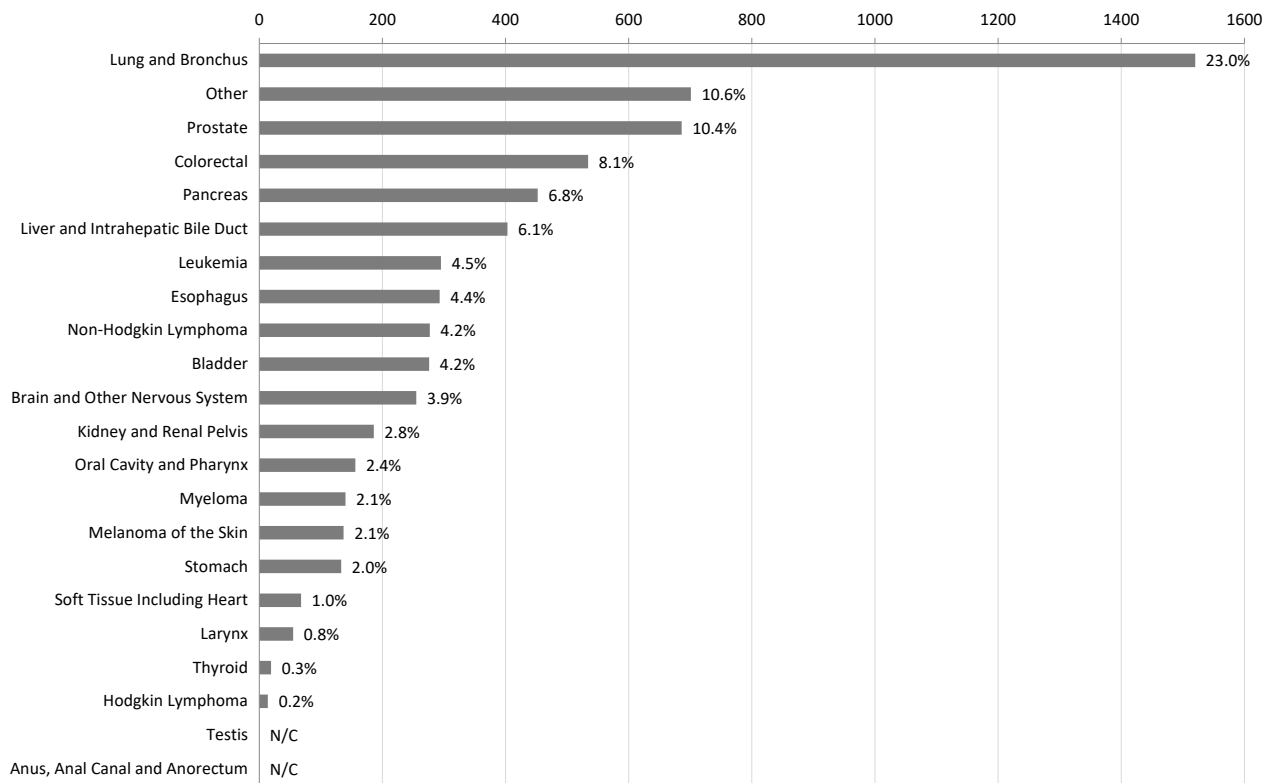
N/C: not calculated because the number of cases less than 10

Percent Distribution of Cancer

2016 Male Cancer Incidence of Washington State Residents



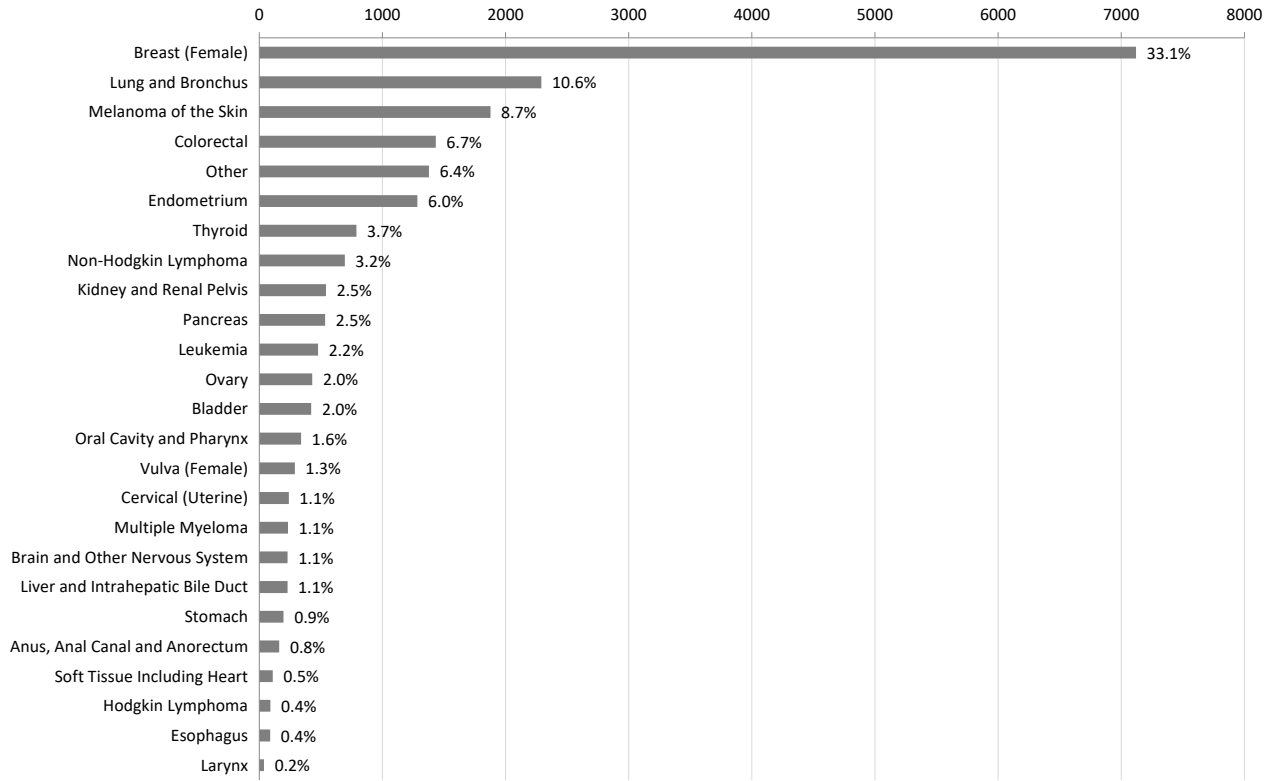
2016 Male Cancer Mortality of Washington State Residents



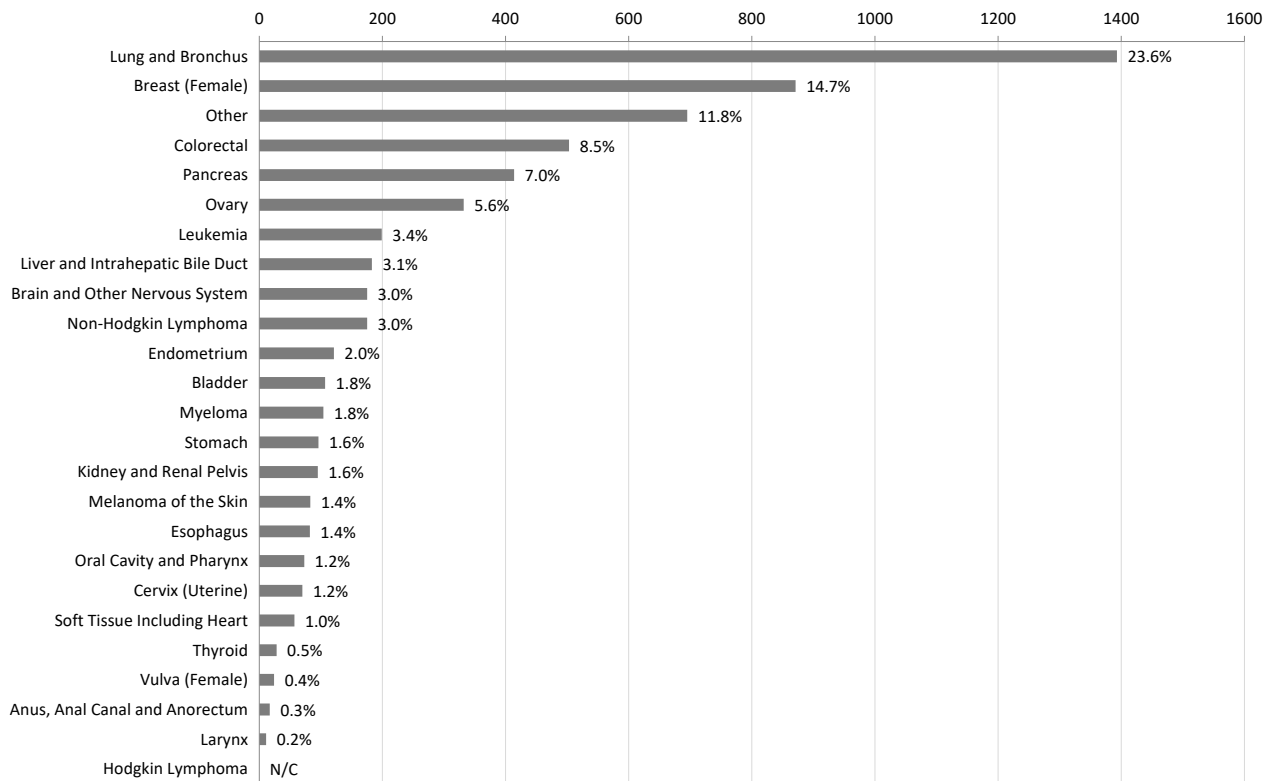
N/C: not calculated because the number of cases less than 10

Percent Distribution of Cancer

2016 Female Cancer Incidence of Washington State Residents



2016 Female Cancer Mortality of Washington State Residents



N/C: not calculated because the number of cases less than 10

All Sites Combined

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using ICD-0-3 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

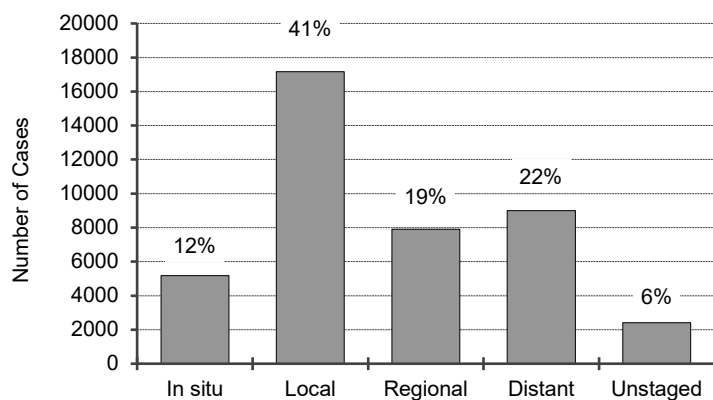
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	20,105	21,517	41,638
2016 Incidence Rates	506.6	498.7	497.6
2016 National Rates	490.1	453.7	465.9

Death			
	Male	Female	Total
Deaths	6,613	5,914	12,527
2016 Death Rates	176.8	132.3	151.5
2016 National Rates	185.9	134.0	155.9

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	n/a
Regional	n/a
Distant	n/a
Unstaged	n/a
Overall	70%

n/a = not available

Figures include in situ and invasive cancers

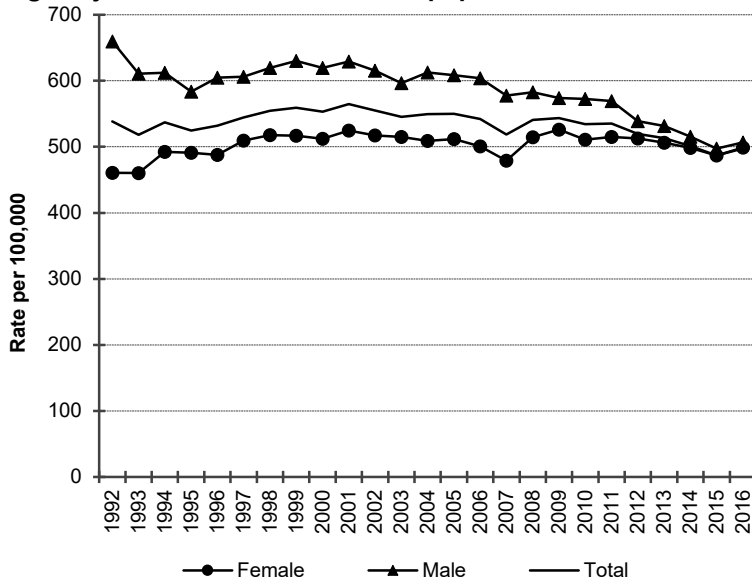
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

All Sites Combined

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



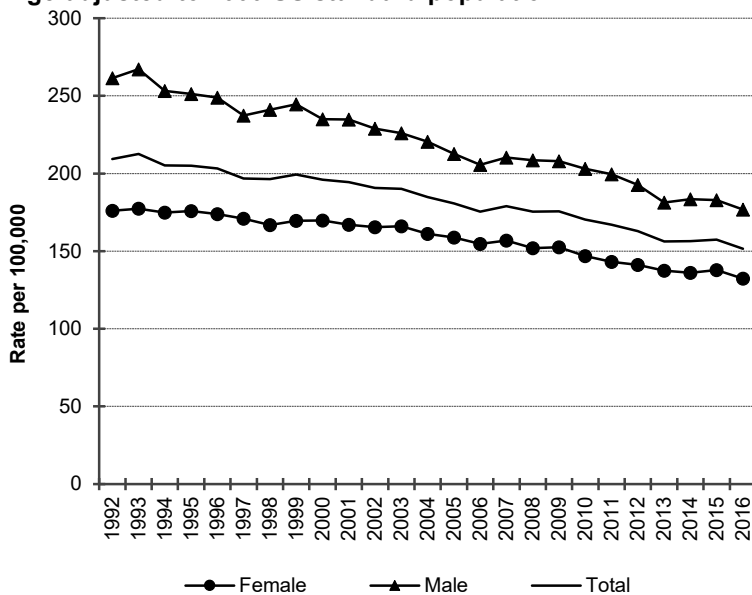
For all cancers combined age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased slightly by 0.8% per year from 1992 to 2001; decreased slightly by 0.8% per year since 2001.

Men: Rates decreased steadily by 3.4% per year from 1992 to 1995; remained level from 1995 to 1999; decreased slightly by 0.9% per year from 1999 to 2010; decreased steadily by 2.4% per year since 2010.

Women: Rates increased steadily by 2.0% per year from 1992 and 1998; decreased slightly by 0.2% per year 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 steadily by 1.0% per year from 1992 to 2003; decreased steadily by 1.7% per year since 2003.

Men: Rates decreased steadily by 1.6% per year from 1992 to 2016.

Women: Rates decreased slightly by 0.7% per year from 1992 to 2003; decreased steadily by 1.7% 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 2019.

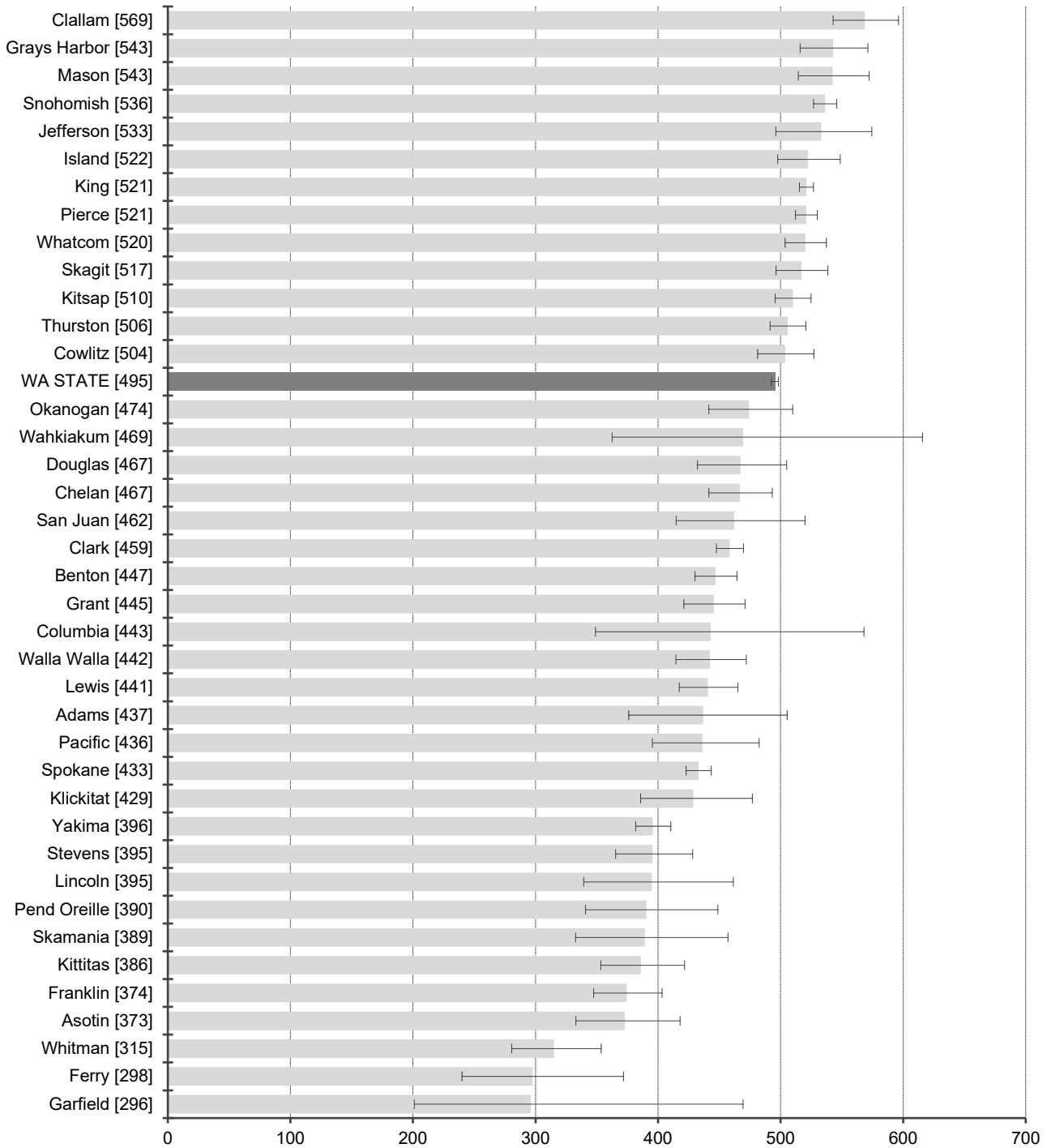
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

All Sites Combined

2014-2016 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 2014-2016.

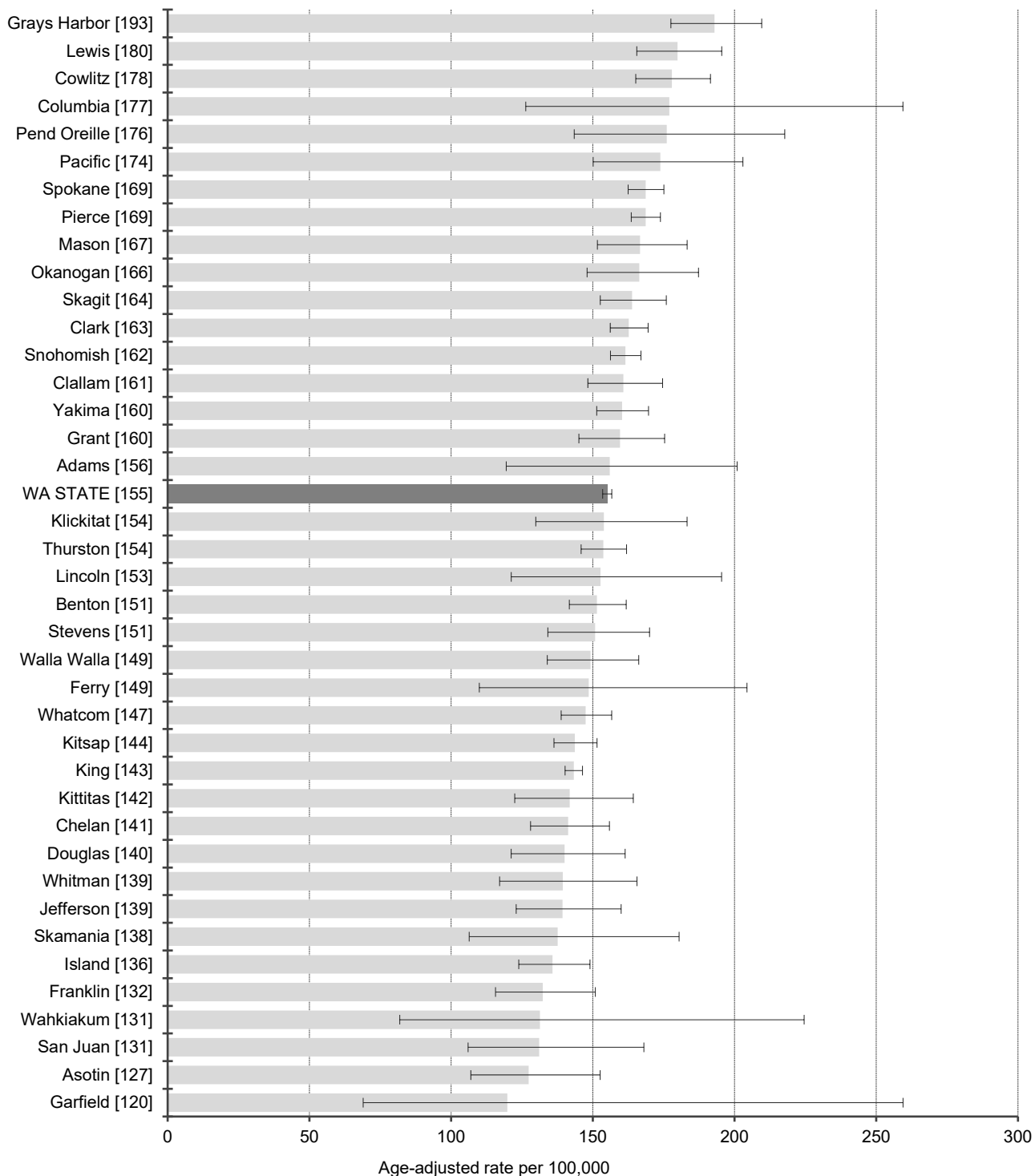
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

All Sites Combined

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Anus, Anal Cancer and Anorectum

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C21.0 - C21.2, C21.8, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

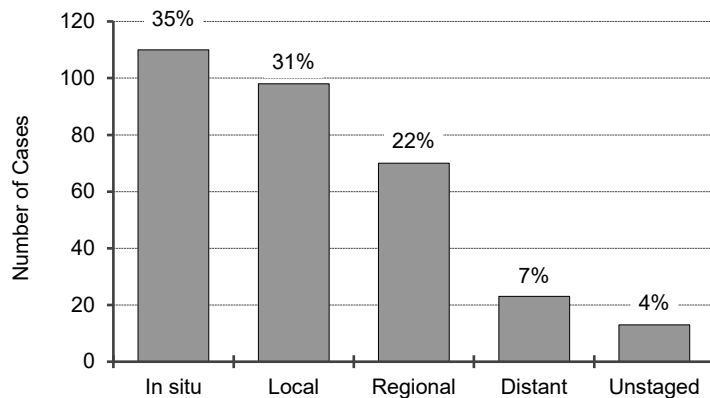
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	152	162	314
2016 Incidence Rates	3.8	3.5	3.7
2016 National Rates	1.7	2.6	2.2

Death			
	Male	Female	Total
Deaths	6	17	23
2016 Death Rates	0.2	0.4	0.3
2016 National Rates	0.2	0.3	0.3

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	97%
Local	80%
Regional	66%
Distant	36%
Unstaged	58%
Overall	78%

Figures include in situ and invasive cancers

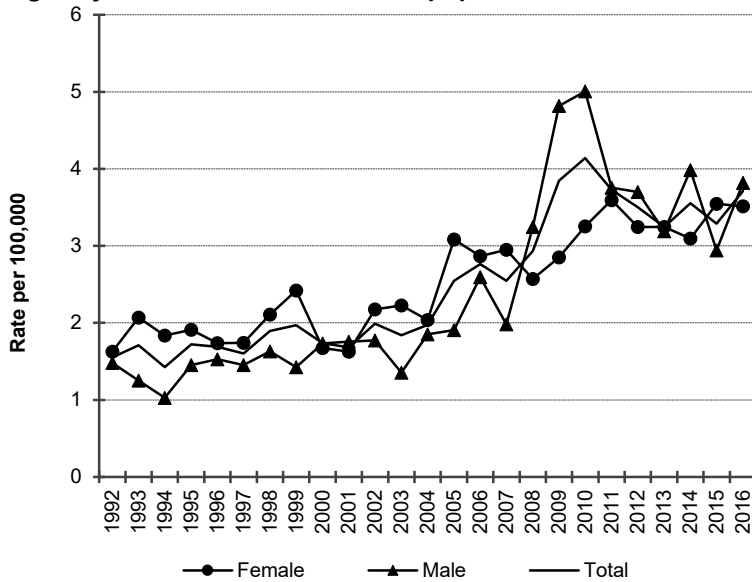
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Anus, Anal Cancer and Anorectum

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



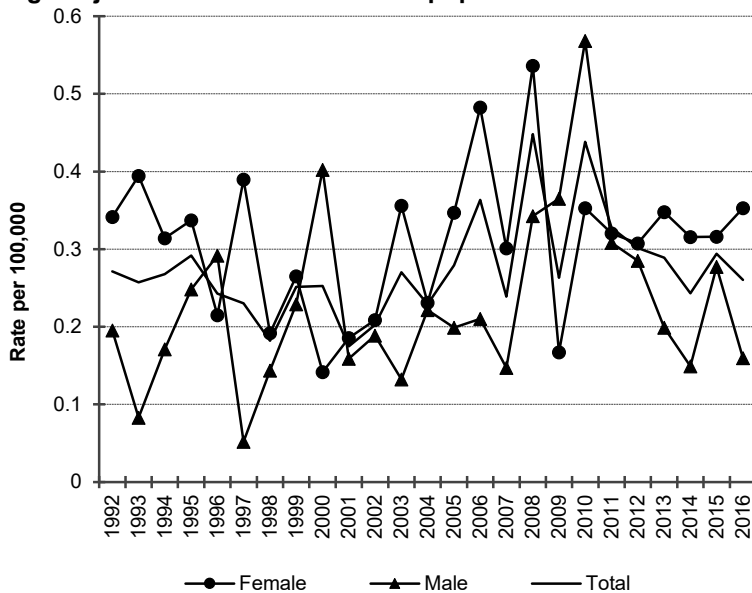
For anus, anal canal and anorectum age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates remained level from 1992 to 2003; increased sharply by 11.0% per year from 2003 to 2010; remained level since 2010.

Men: Rates remained level from 1992 to 2005; increased sharply by 25.7% per year from 2005 to 2009; remained level since 2009.

Women: Rates increased steadily by 3.3% per year from 1992 to 2016.

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 remained level from 1992 to 2016.

Men: Rates remained level from 1992 to 2016.

Women: Rates remained level from 1992 to 2016.

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 2019.

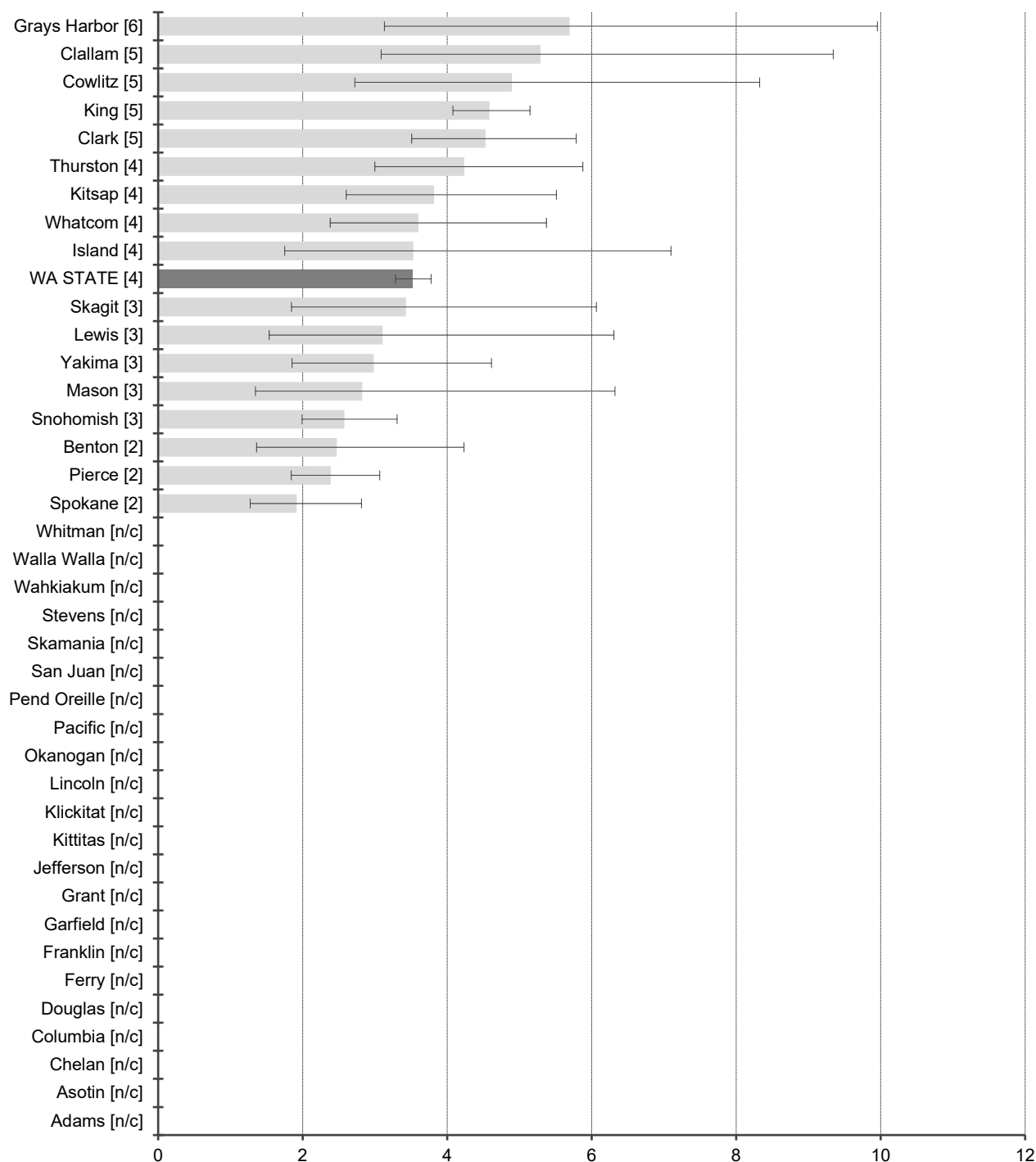
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Anus, Anal Cancer and Anorectum

2014-2016 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 2014-2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Anus, Anal Cancer and Anorectum

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Bladder

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C67.0-C67.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

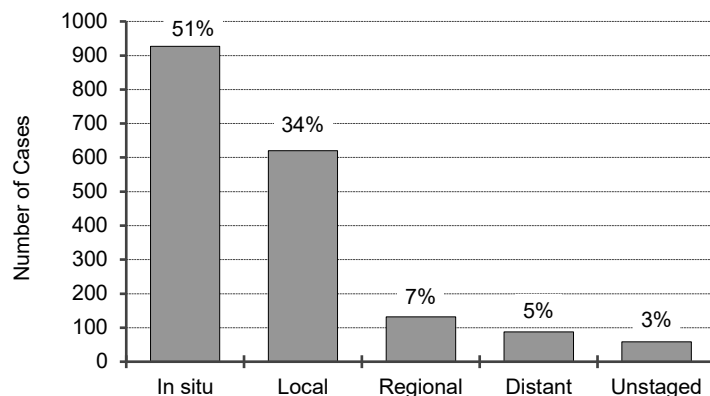
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	1,399	422	1,825
2016 Incidence Rates	37.4	9.4	22.1
2016 National Rates	32.7	8.2	19.0

Death			
	Male	Female	Total
Deaths	276	107	383
2016 Death Rates	7.7	2.4	4.7
2016 National Rates	7.5	2.1	4.4

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	96%
Local	70%
Regional	36%
Distant	5%
Unstaged	47%
Overall	77%

Figures include in situ and invasive cancers

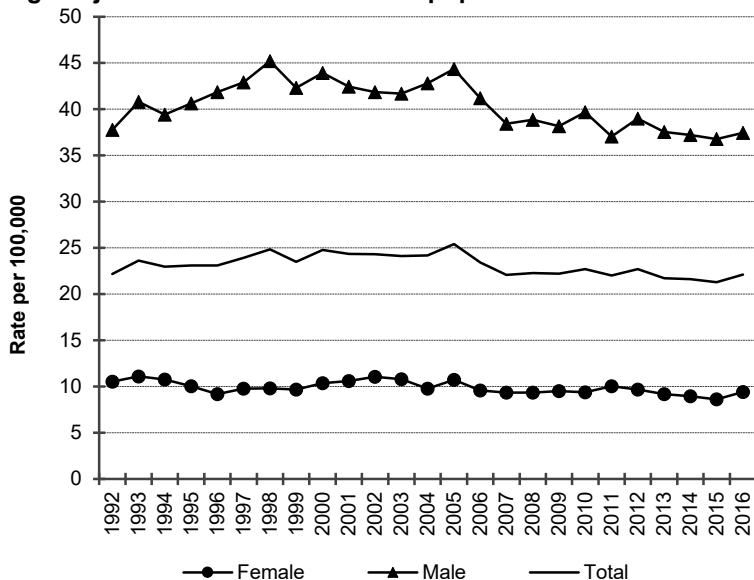
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Bladder

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



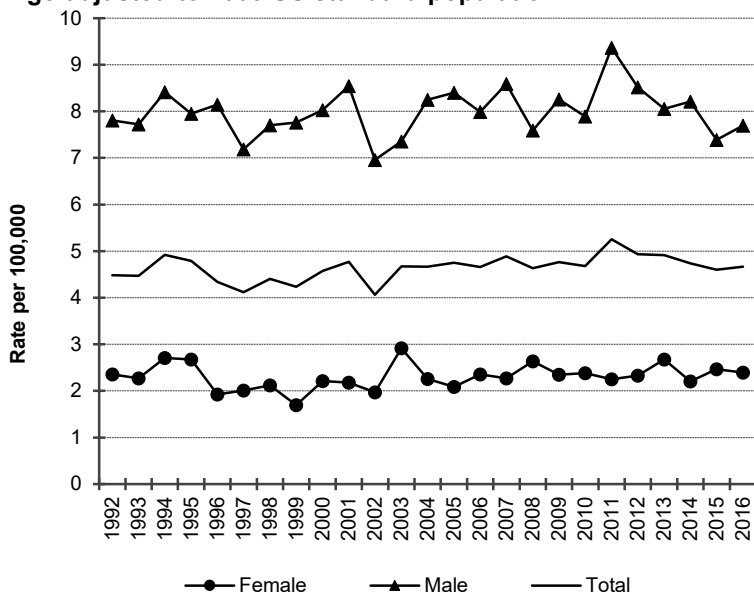
For bladder cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased steadily by 1.1% per year from 1992 to 2000; decreased slightly by 0.9% per year since 2000.

Men: Rates increased steadily by 2.5% per year from 1992 to 1998; decreased steadily by 1.1% per year since 1998.

Women: Rates decreased slightly by 0.6% per year from 1992 to 2016.

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 0.4% per year from 1992 to 2016.

Men: Rates remained level from 1992 to 2016.

Women: Rates remained level from 1992 to 2016.

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 2019.

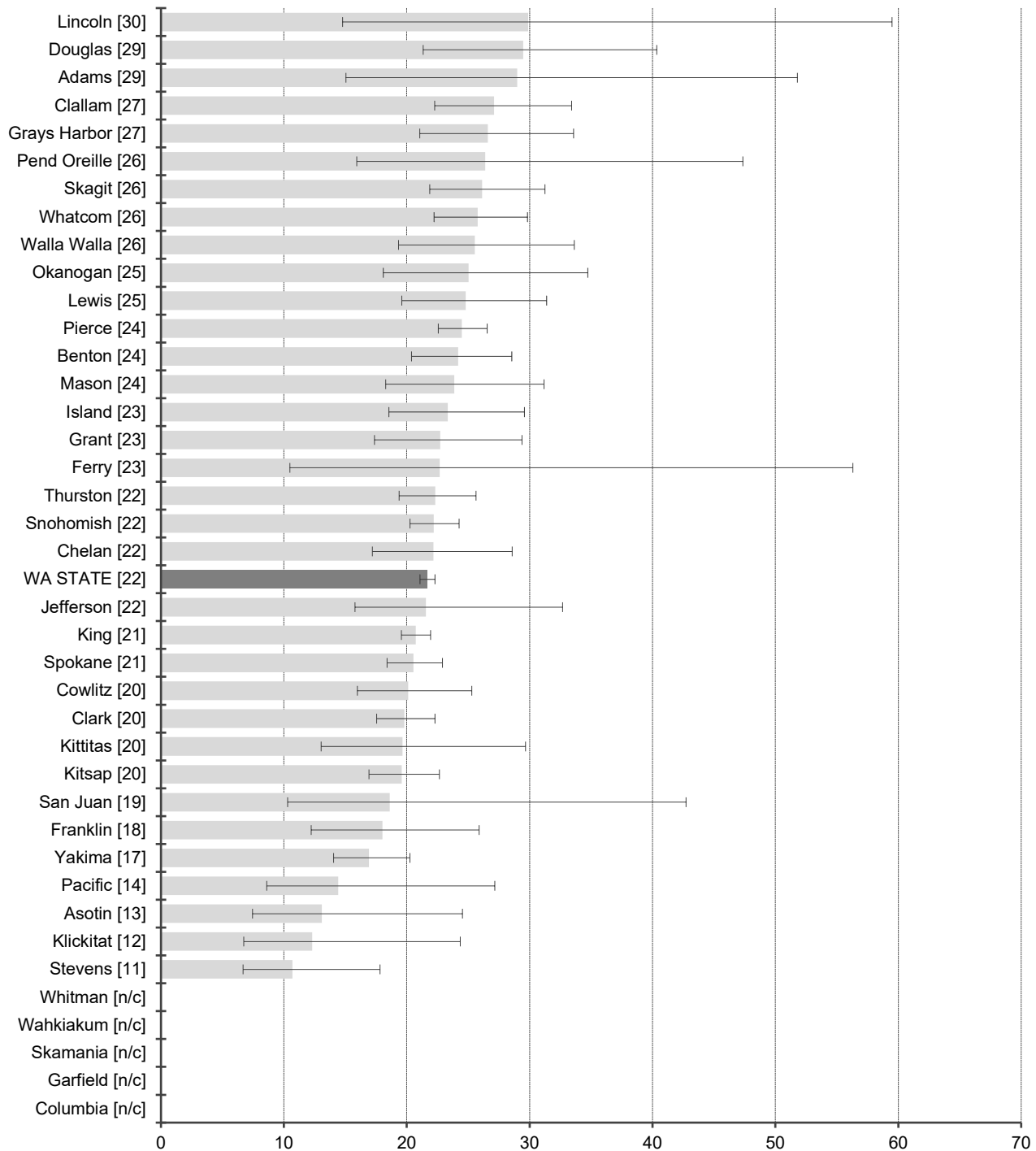
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Bladder

2014-2016 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 2014-2016.

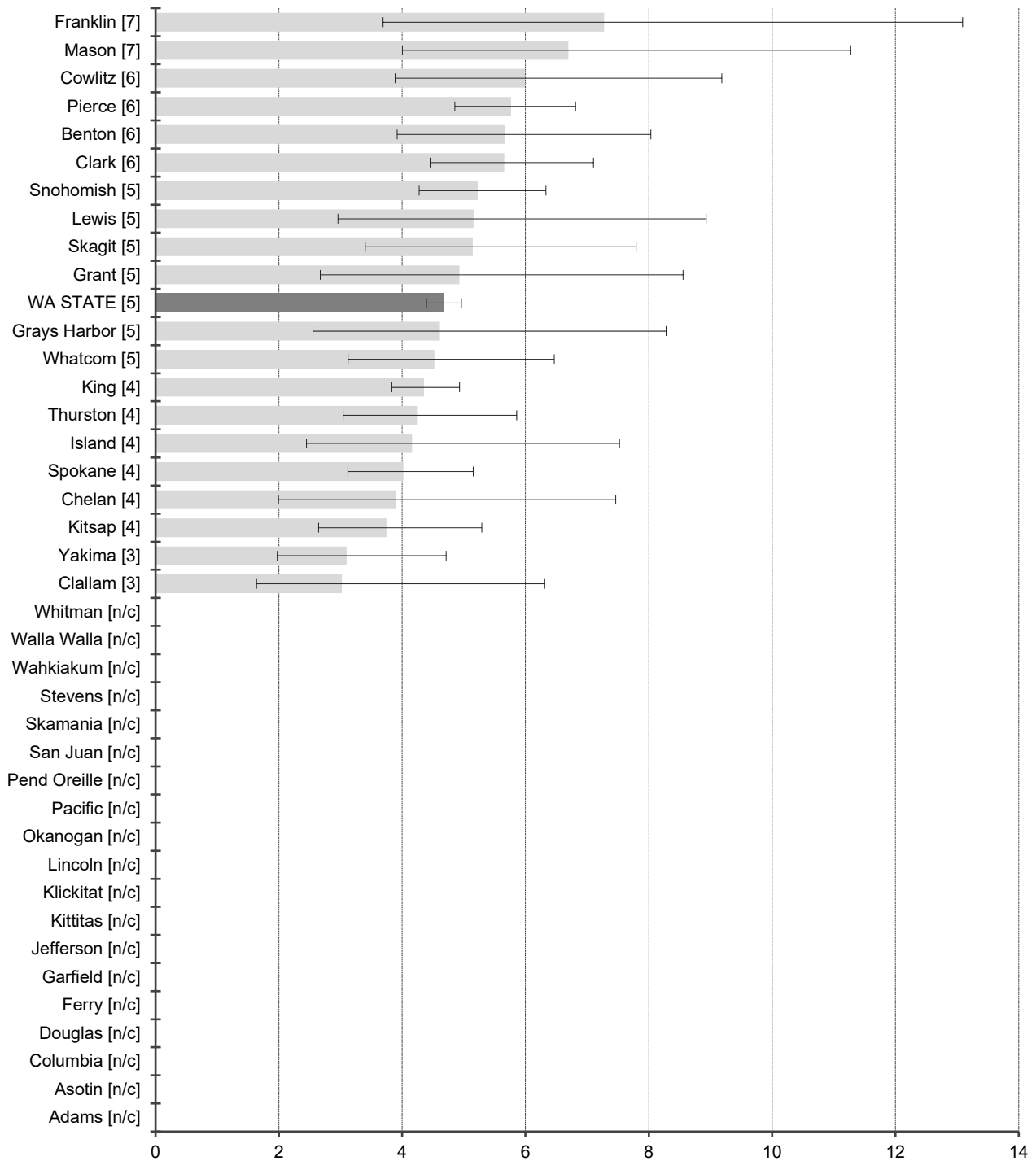
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Bladder

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Brain and Other Nervous System

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C70.0-C70.9, C71.0-C71.9, C72.0-C72.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

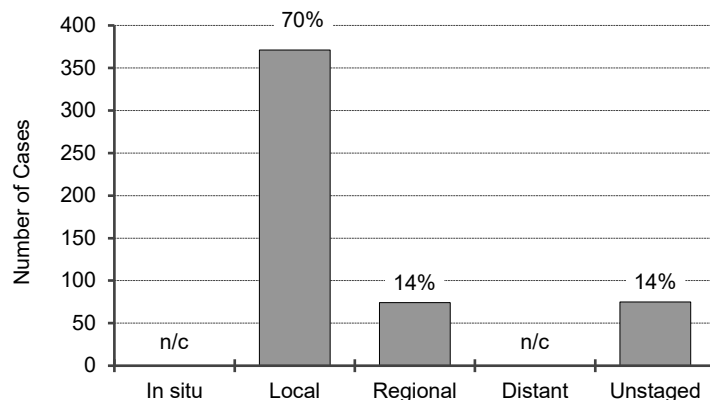
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	298	230	528
2016 Incidence Rates	7.7	5.8	6.7
2016 National Rates	7.2	5.1	6.1

Death			
	Male	Female	Total
Deaths	255	175	430
2016 Death Rates	6.5	4.0	5.2
2016 National Rates	5.5	3.6	4.5

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	35%
Regional	20%
Distant	32%
Unstaged	27%
Overall	32%

n/a = not available

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

Figures include only invasive cancers

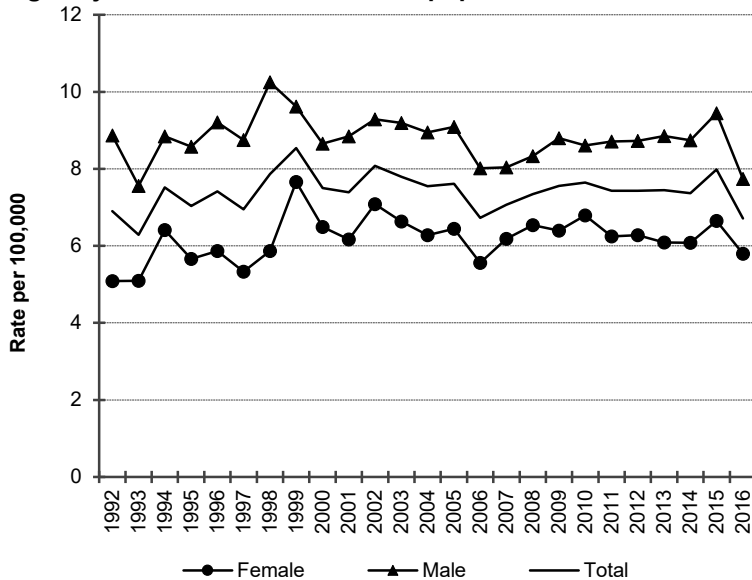
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

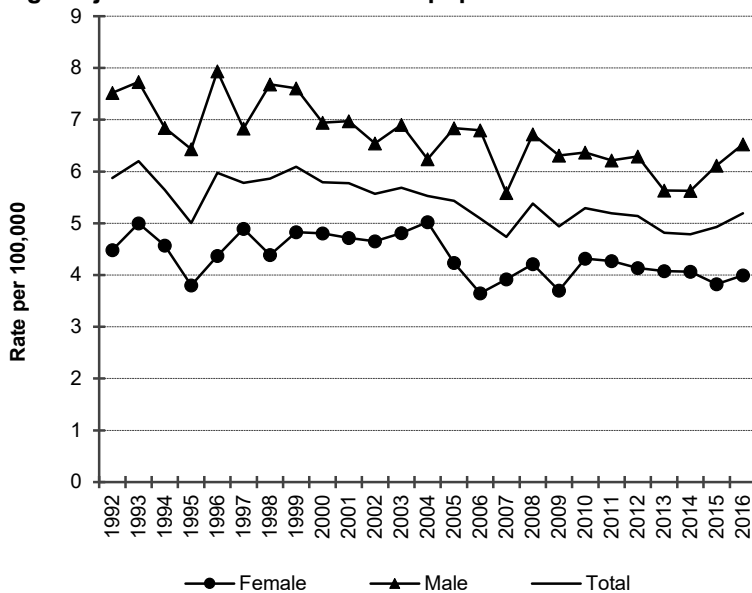
Brain and Other Nervous System

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 2016.
Men: Rates remained level from 1992 to 2016.
Women: Rates remained level from 1992 to 2016.

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 2016.
Men: Rates decreased steadily by 1.0% per year from 1992 to 2016.
Women: Rates decreased slightly by 0.8% per year from 1992 to 2016.

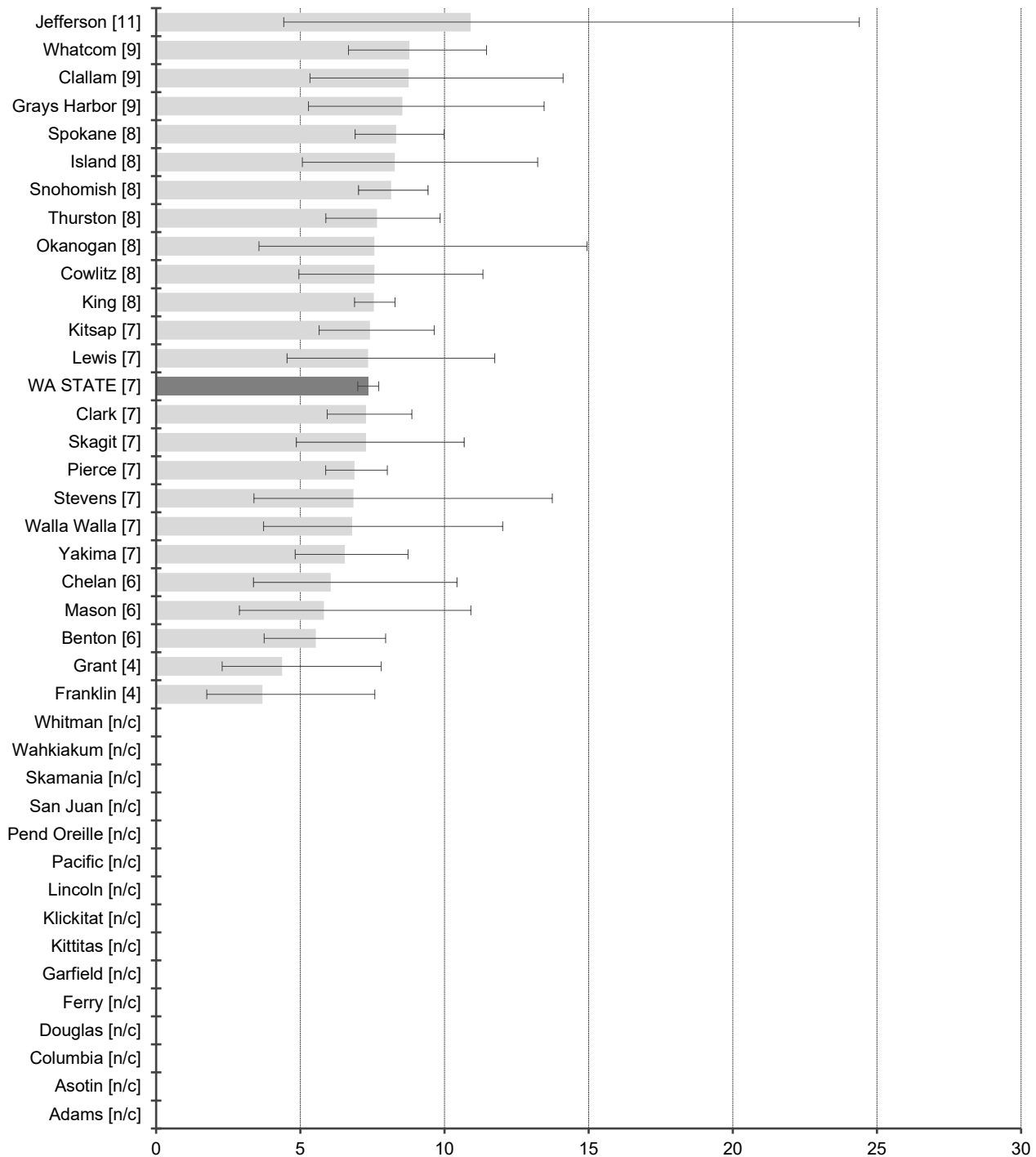
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Brain and Other Nervous System

2014-2016 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 2014-2016.

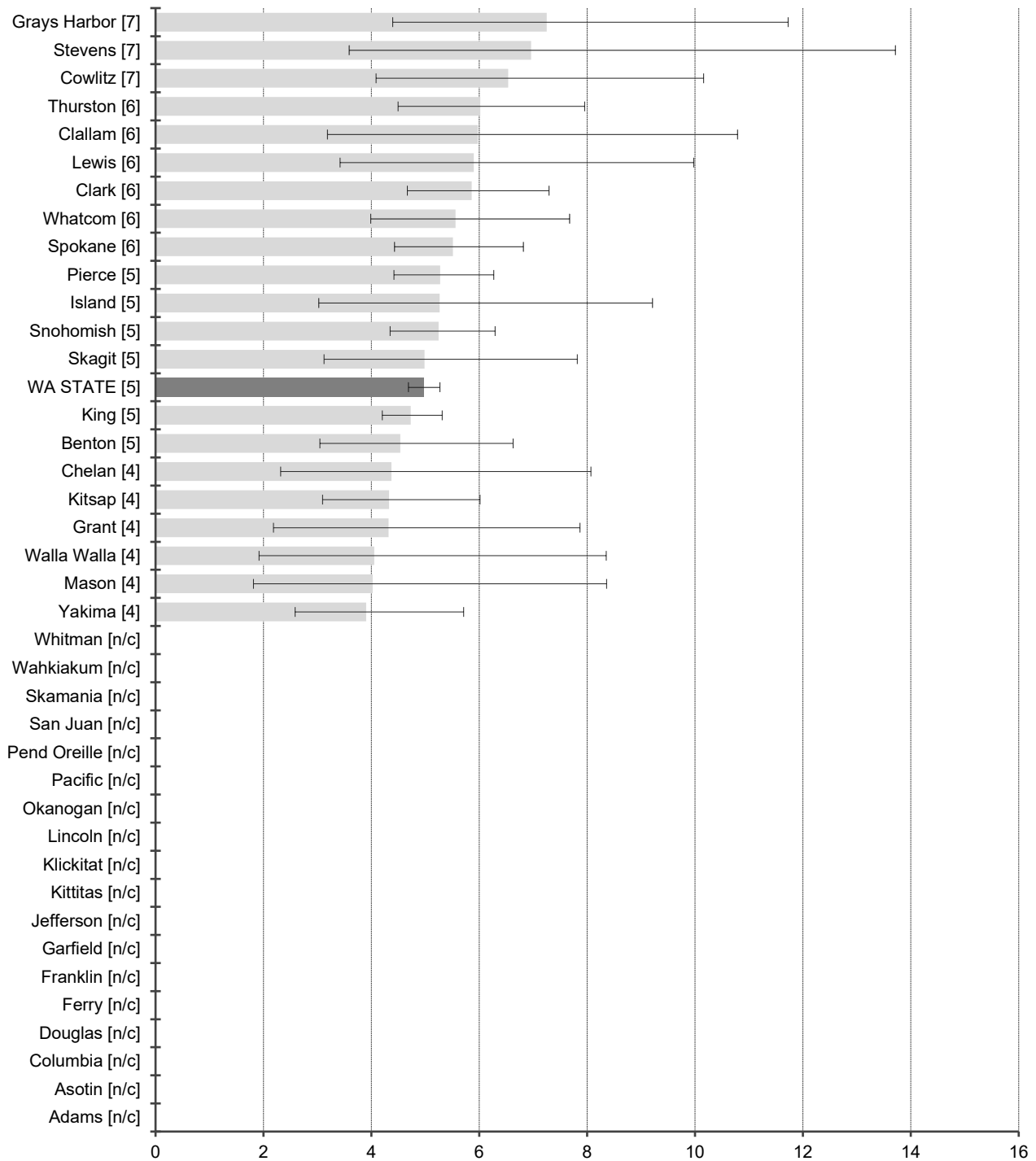
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Brain and Other Nervous System

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Breast (Female)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C50.0-C50.9, excluding histology codes 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 (1999-2016).

2016 Washington State Female Residents

Incidence and Death Summary by Sex

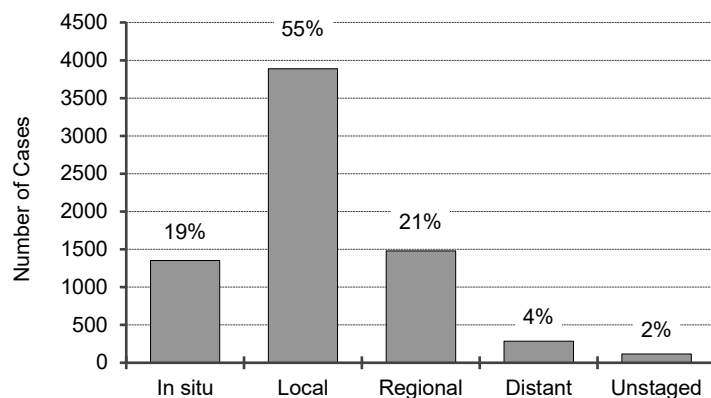
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	7,119	n/a
2016 Incidence Rates	n/a	165.2	n/a
2016 National Rates	n/a	151.9	n/a

Death			
	Male	Female	Total
Deaths	n/a	871	n/a
2016 Death Rates	n/a	19.6	n/a
2016 National Rates	n/a	20.0	n/a

Stage at Diagnosis

2016 Washington State Female Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	100%
Local	99%
Regional	85%
Distant	27%
Unstaged	54%
Overall	92%

n/a - Not available for sex-specific sites.

Figures include in situ and invasive cancers

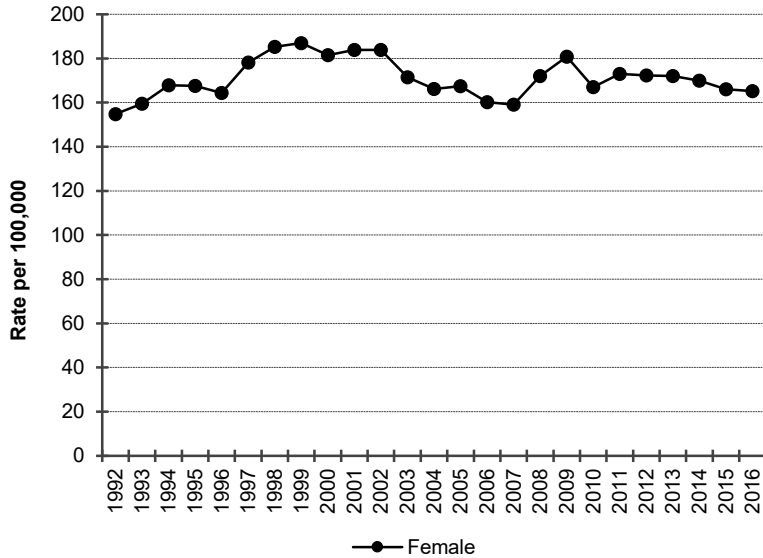
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

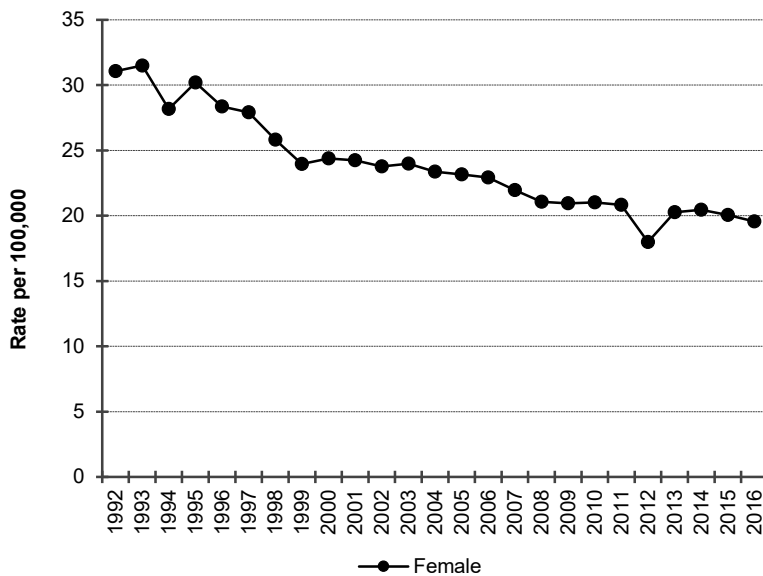
Breast (Female)

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 2.9% per year from 1992 to 1999; rates decreased steadily by 2.3% per year from 1999 to 2006; rates remained level from 2006 to 2009; rates remained level since 2009.

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 3.4% per year from 1992 to 1999; rates decreased steadily by 1.6% per year since 1999..

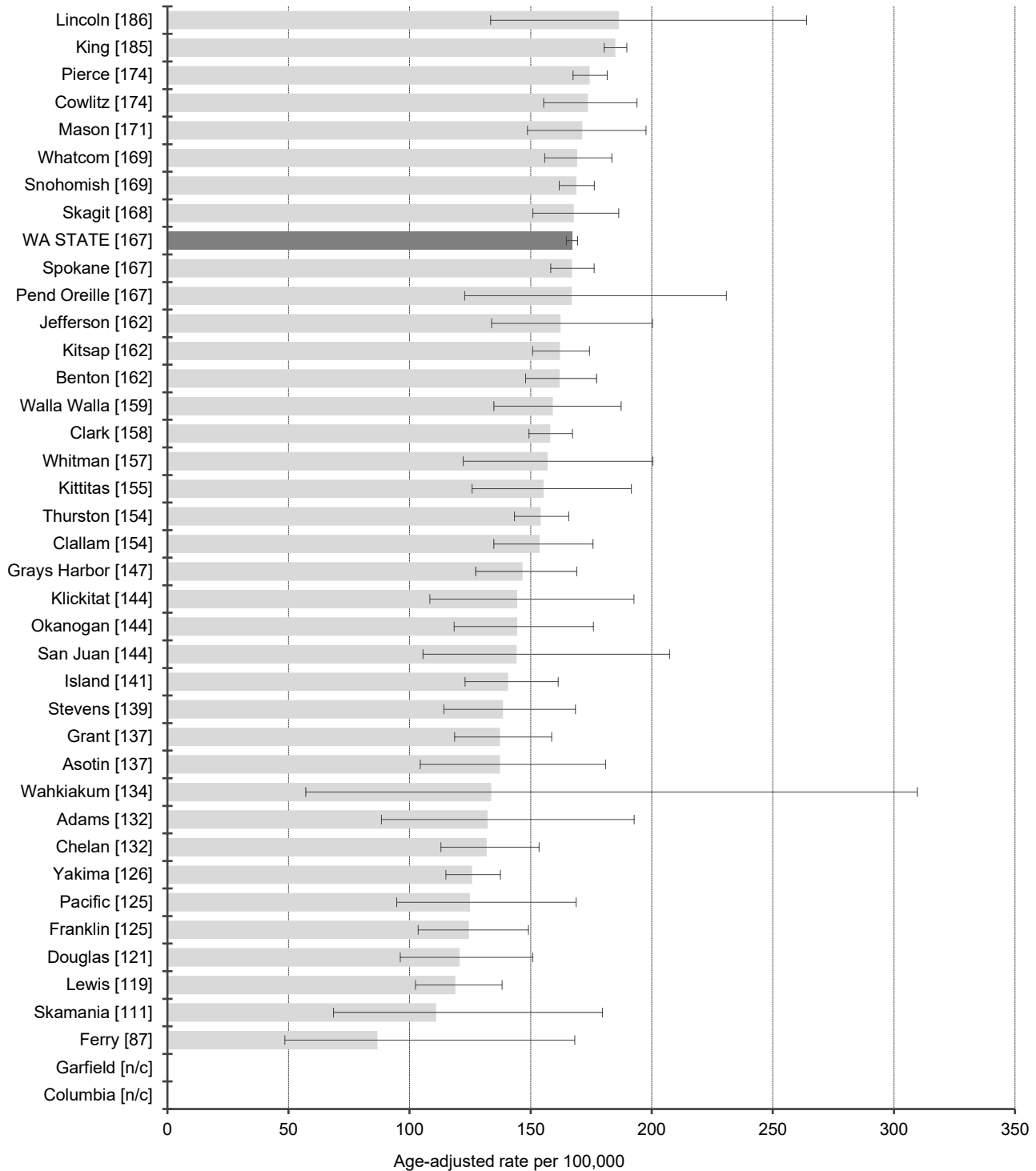
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Breast (Female)

2014-2016 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 2014-2016.

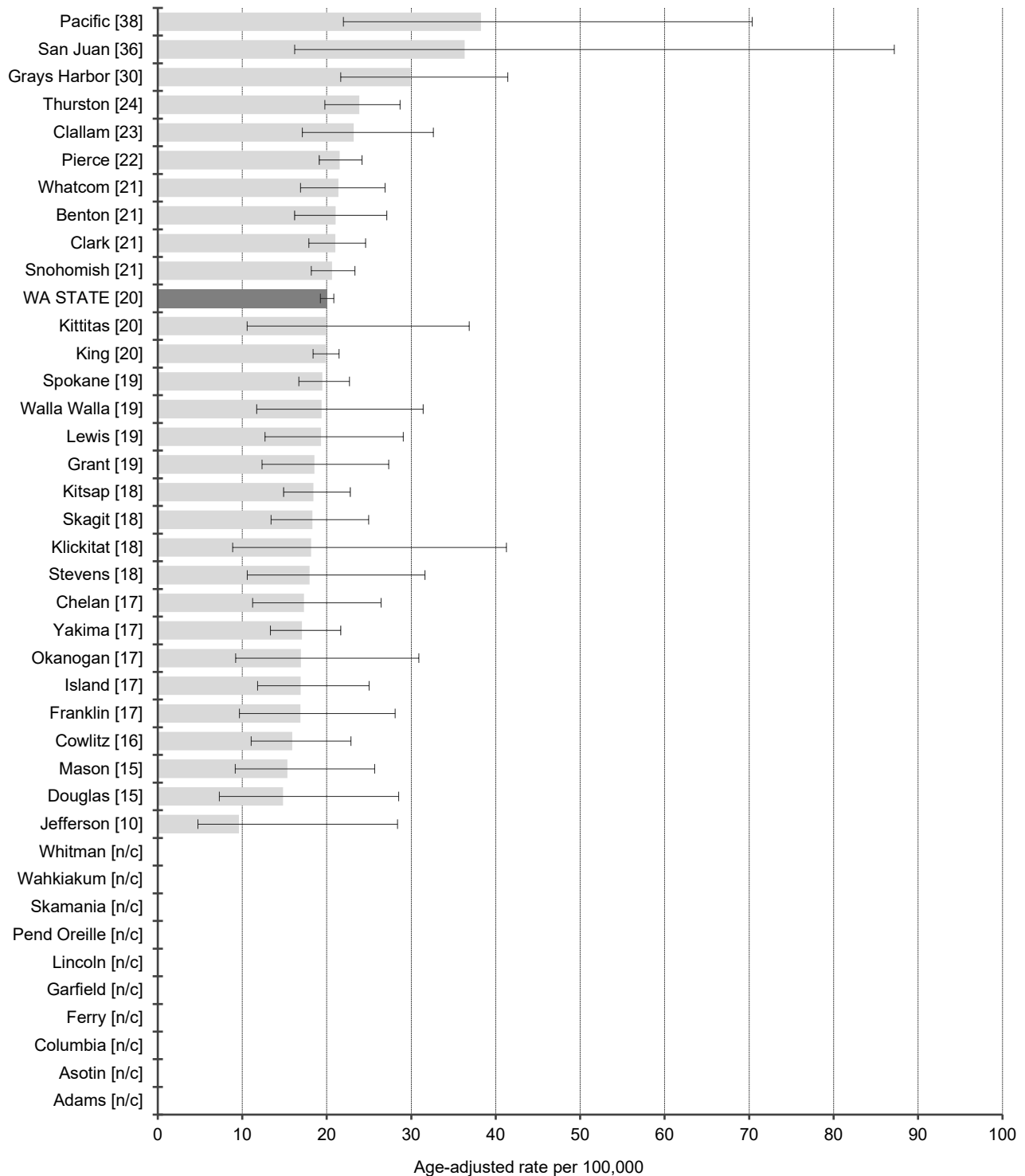
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Breast (Female)

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Cervix (Uterine)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C53.0-C53.9, excluding histology codes 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 (1999-2016).

2016 Washington State Female Residents

Incidence and Death Summary by Sex

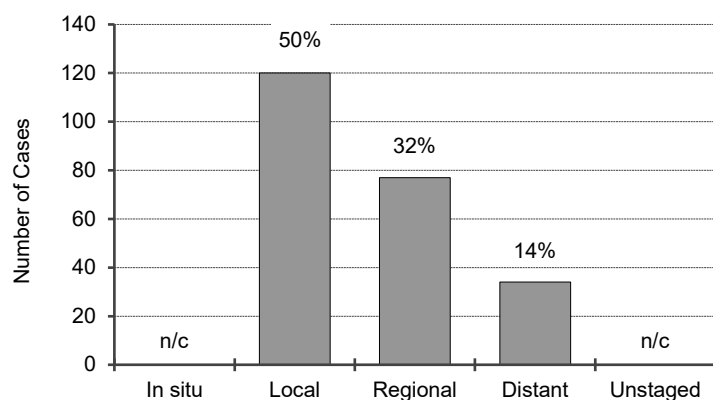
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	240	n/a
2016 Incidence Rates	n/a	6.4	n/a
2016 National Rates	n/a	7.6	n/a

Death			
	Male	Female	Total
Deaths	n/a	70	n/a
2016 Death Rates	n/a	1.7	n/a
2016 National Rates	n/a	2.2	n/a

Stage at Diagnosis

2016 Washington State Female Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	92%
Regional	56%
Distant	16%
Unstaged	51%
Overall	65%

n/a = not available

n/a - Not available for sex-specific sites.

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

Figures include only invasive cancers

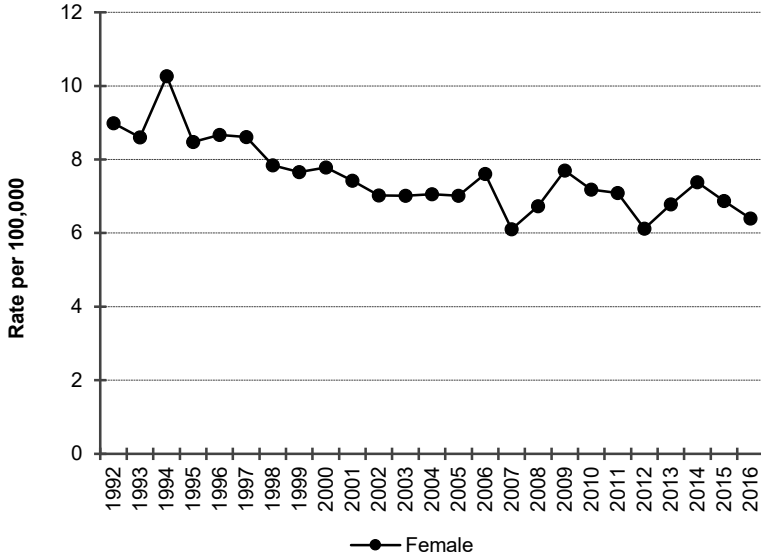
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

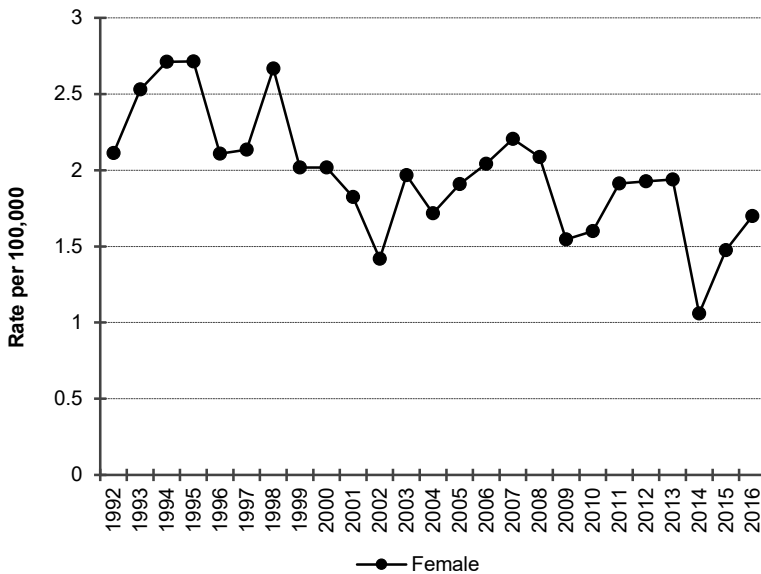
Cervix (Uterine)

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 1.3% per year from 1992 to 2016.

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 1.9% per year from 1992 to 2016.

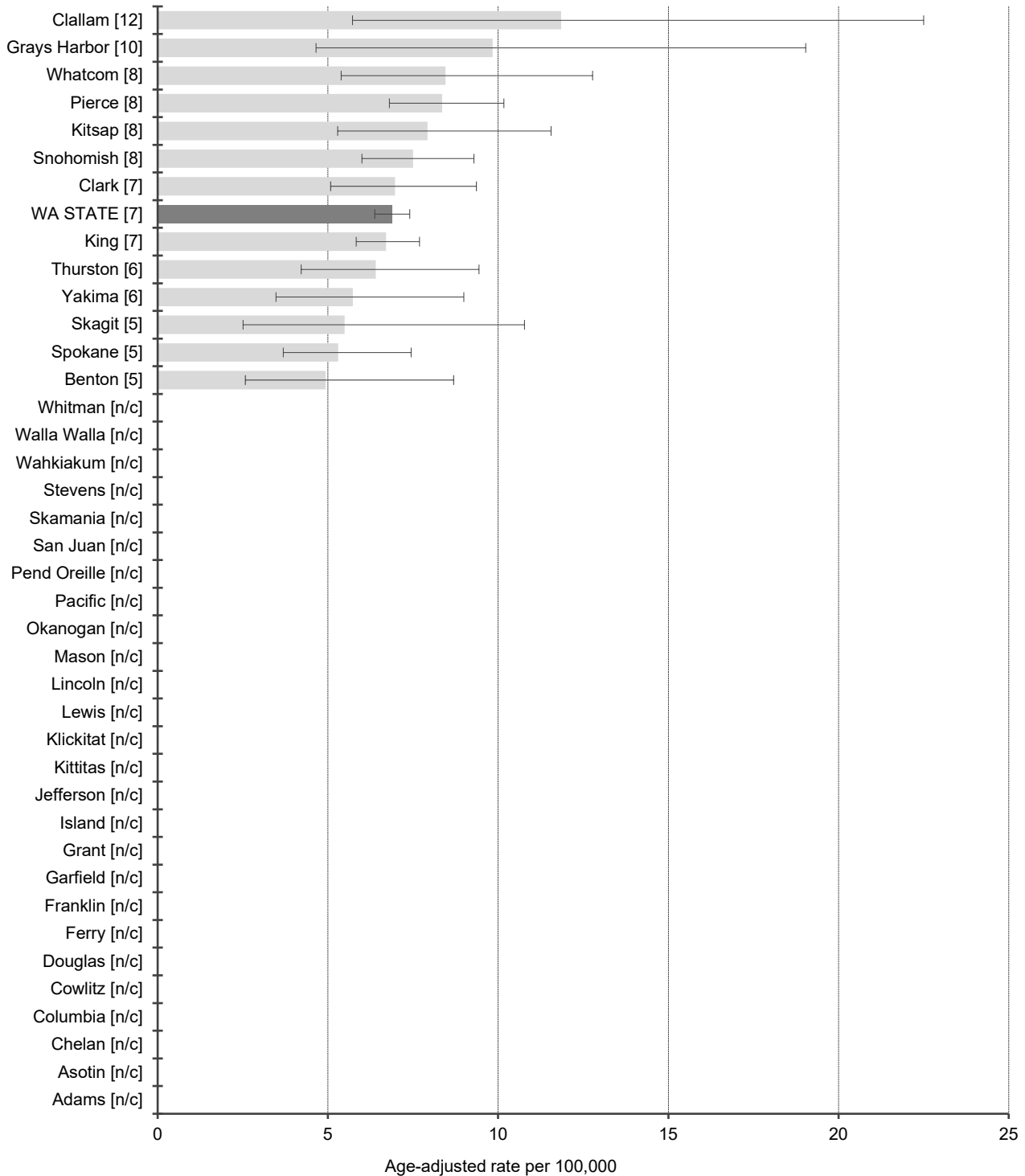
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Cervix (Uterine)

2014-2016 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 2014-2016.

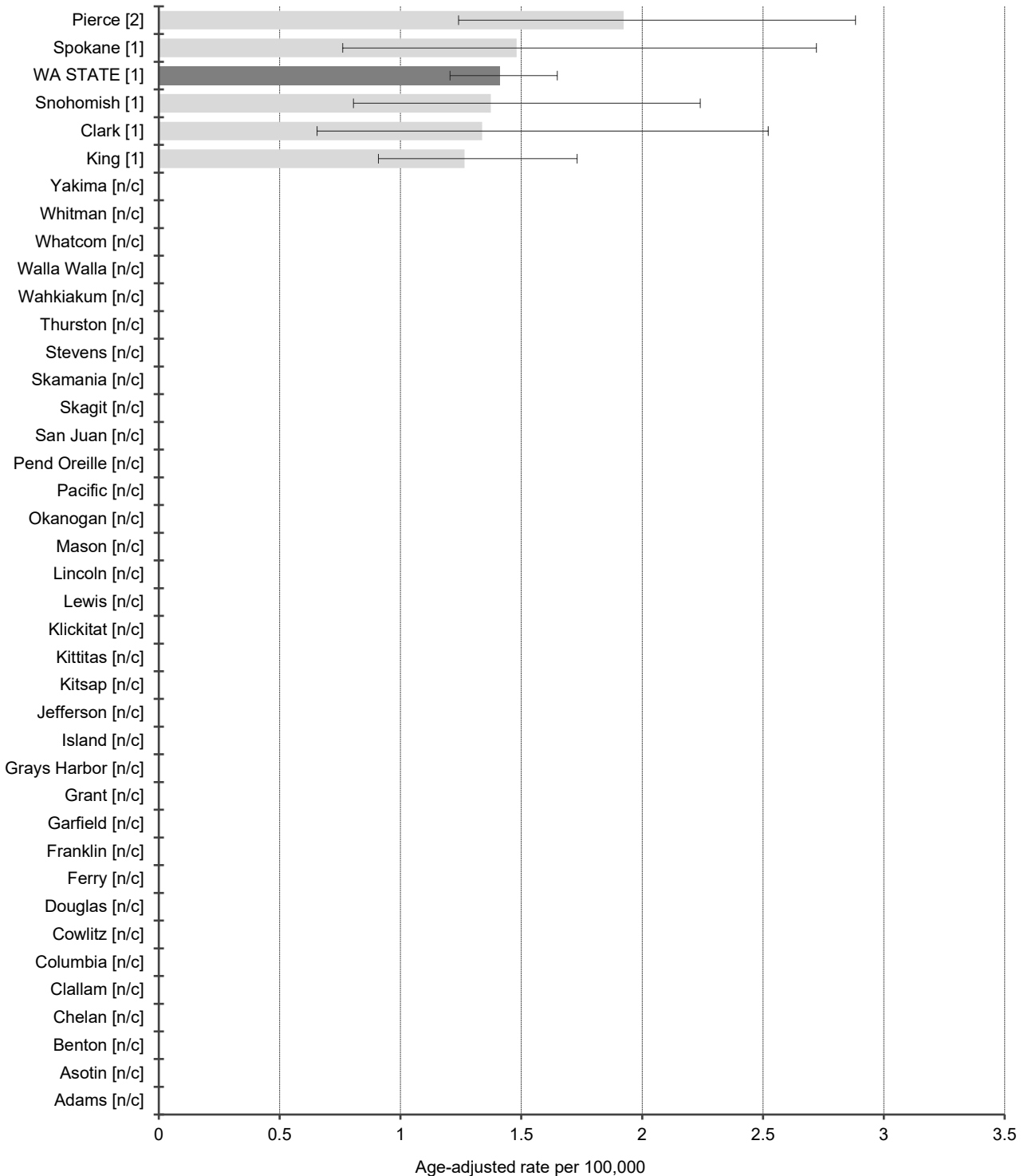
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Cervix (Uterine)

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Colorectal

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C18.0-C18.9, C19.9, C20.9, C26.0, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

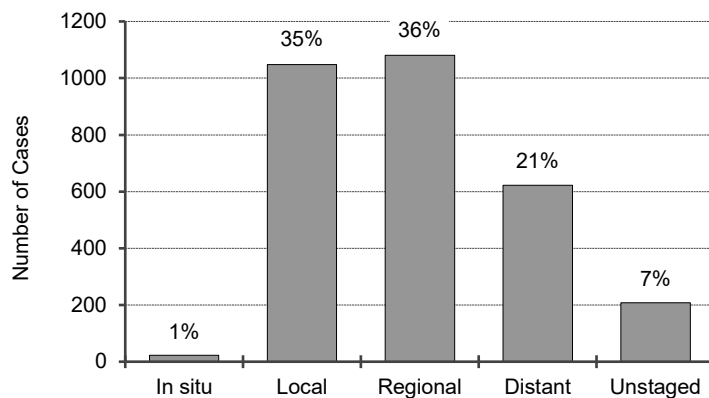
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	1,547	1,433	2,982
2016 Incidence Rates	39.6	33.3	36.3
2016 National Rates	43.9	34.2	38.7

Death			
	Male	Female	Total
Deaths	534	503	1,037
2016 Death Rates	14.1	11.1	12.6
2016 National Rates	16.3	11.5	13.7

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	94%
Local	90%
Regional	71%
Distant	14%
Unstaged	36%
Overall	65%

Figures include in situ and invasive cancers

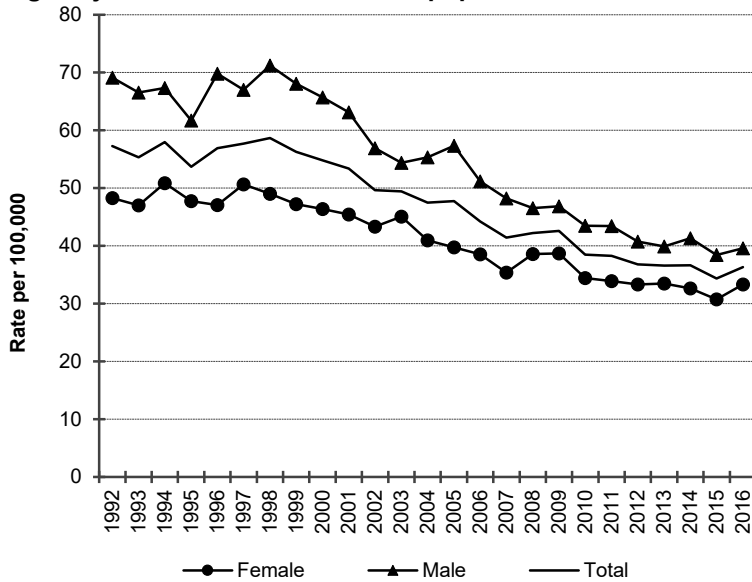
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

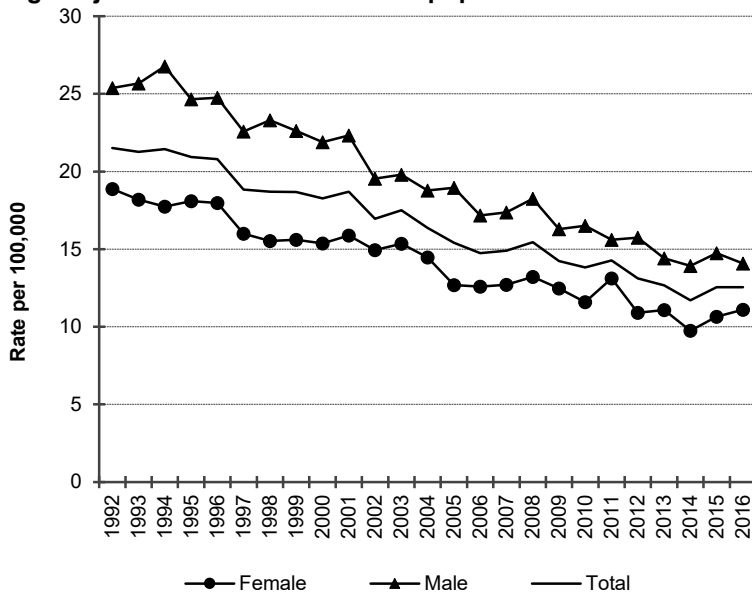
Colorectal

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 2.9% per year since 1998.
Men: Rates remained level from 1992 to 1998; decreased steadily by 3.4% per year since 1998.
Women: Rates remained level from 1992 to 1997; decreased steadily by 2.5% per year since 1997.

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 2016.
Men: Rates decreased steadily by 2.8% per year from 1992 to 2016.
Women: Rates decreased steadily by 2.5% per year from 1992 to 2016.

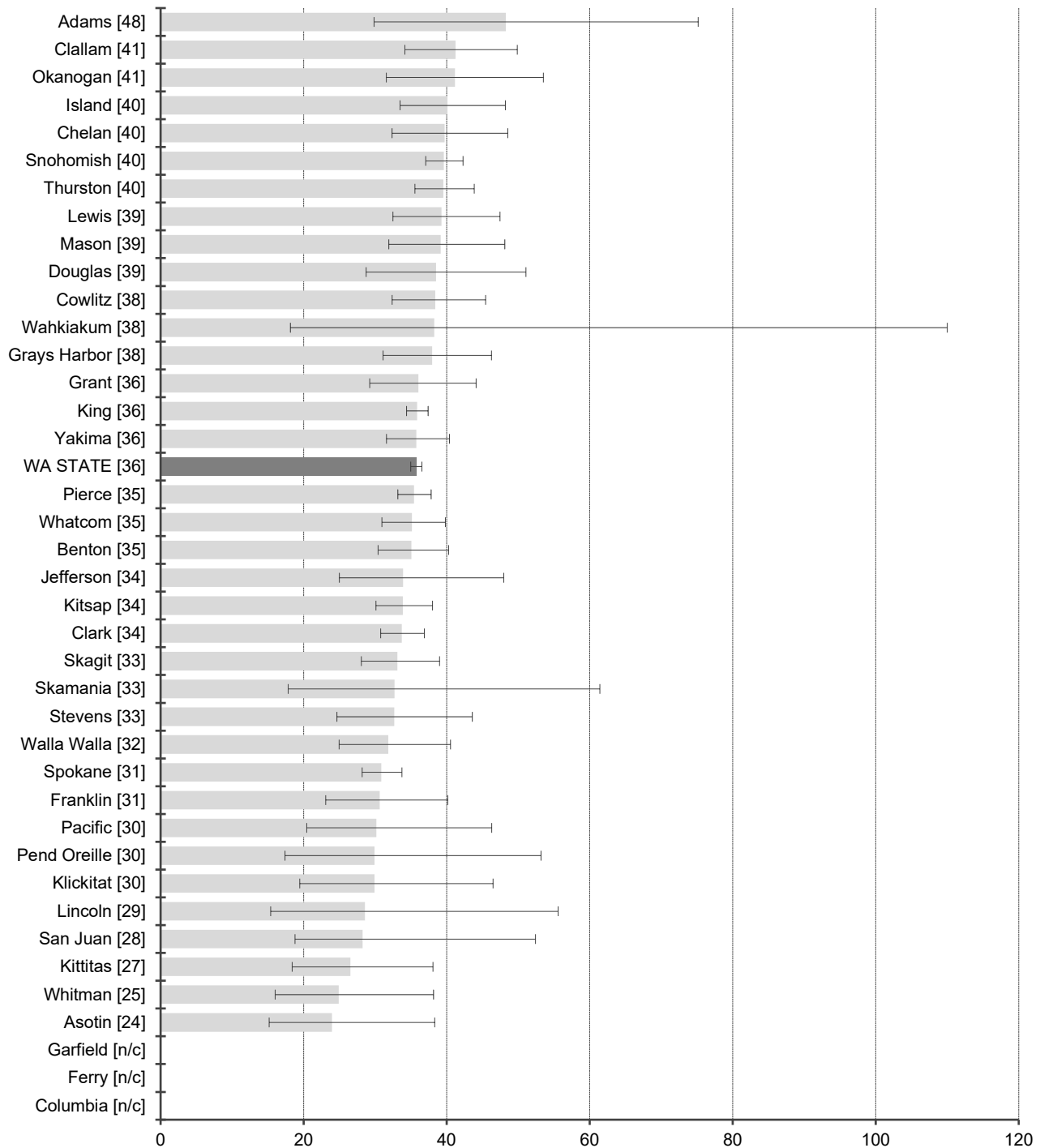
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Colorectal

2014-2016 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 2014-2016.

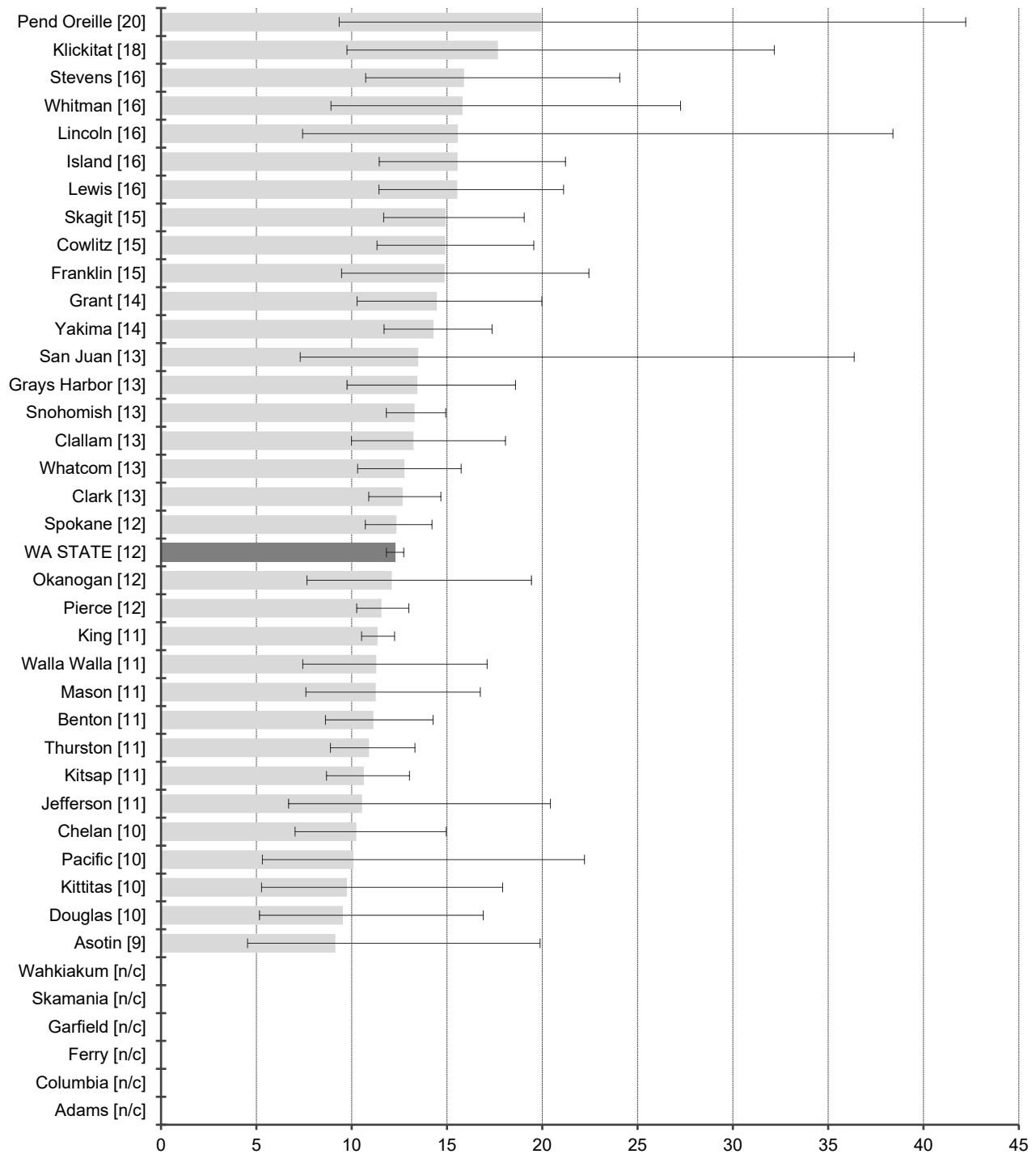
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Colorectal

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Endometrium

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C54.0-C54.9, excluding histology codes 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 (1999-2016).

2016 Washington State Female Residents

Incidence and Death Summary by Sex

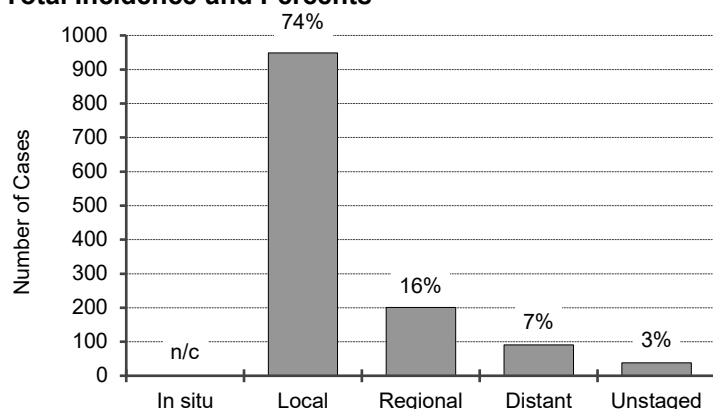
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	1,284	n/a
2016 Incidence Rates	n/a	27.9	n/a
2016 National Rates	n/a	26.5	n/a

Death			
	Male	Female	Total
Deaths	n/a	121	n/a
2016 Death Rates	n/a	2.7	n/a
2016 National Rates	n/a	2.5	n/a

Stage at Diagnosis

2016 Washington State Female Residents Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	96%
Local	95%
Regional	70%
Distant	18%
Unstaged	57%
Overall	83%

n/a - Not available for sex-specific sites.

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

Figures include in situ and invasive cancers

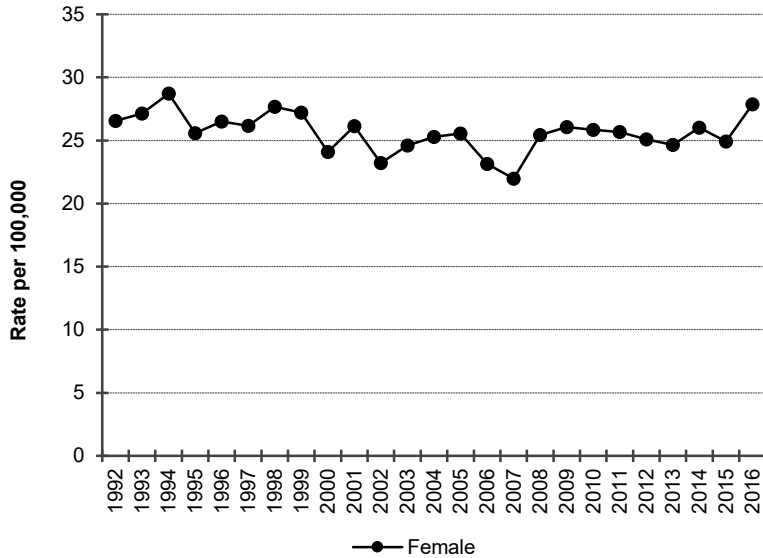
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

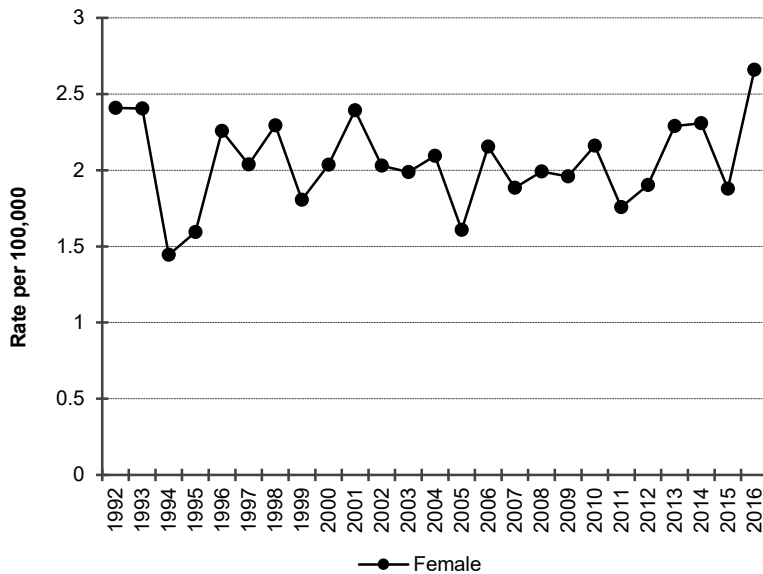
Endometrium

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



For endometrial cancer age-adjusted incidence rates have remained level from 1992 to 2016.

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 2016.

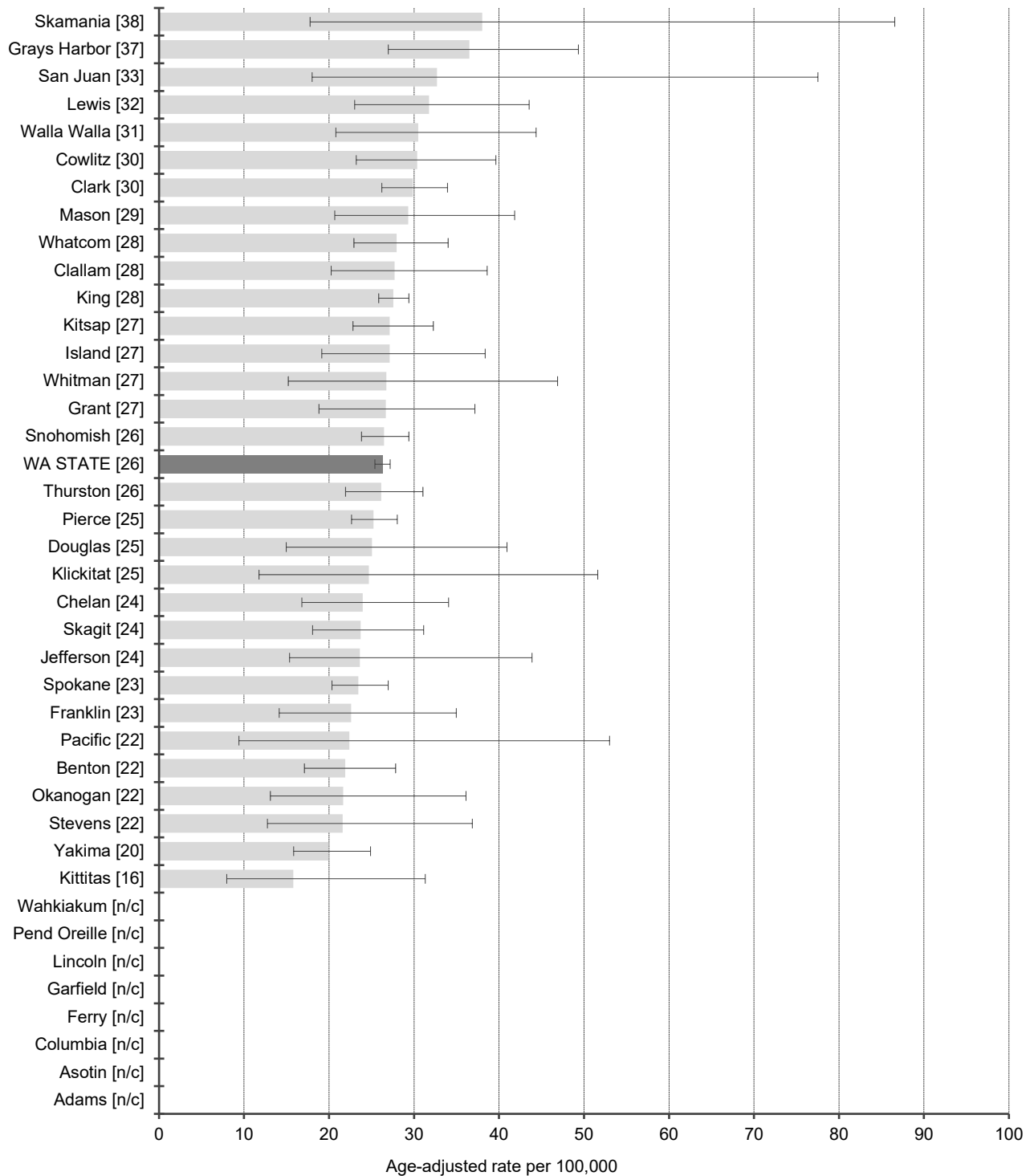
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Endometrium

2014-2016 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 2014-2016.

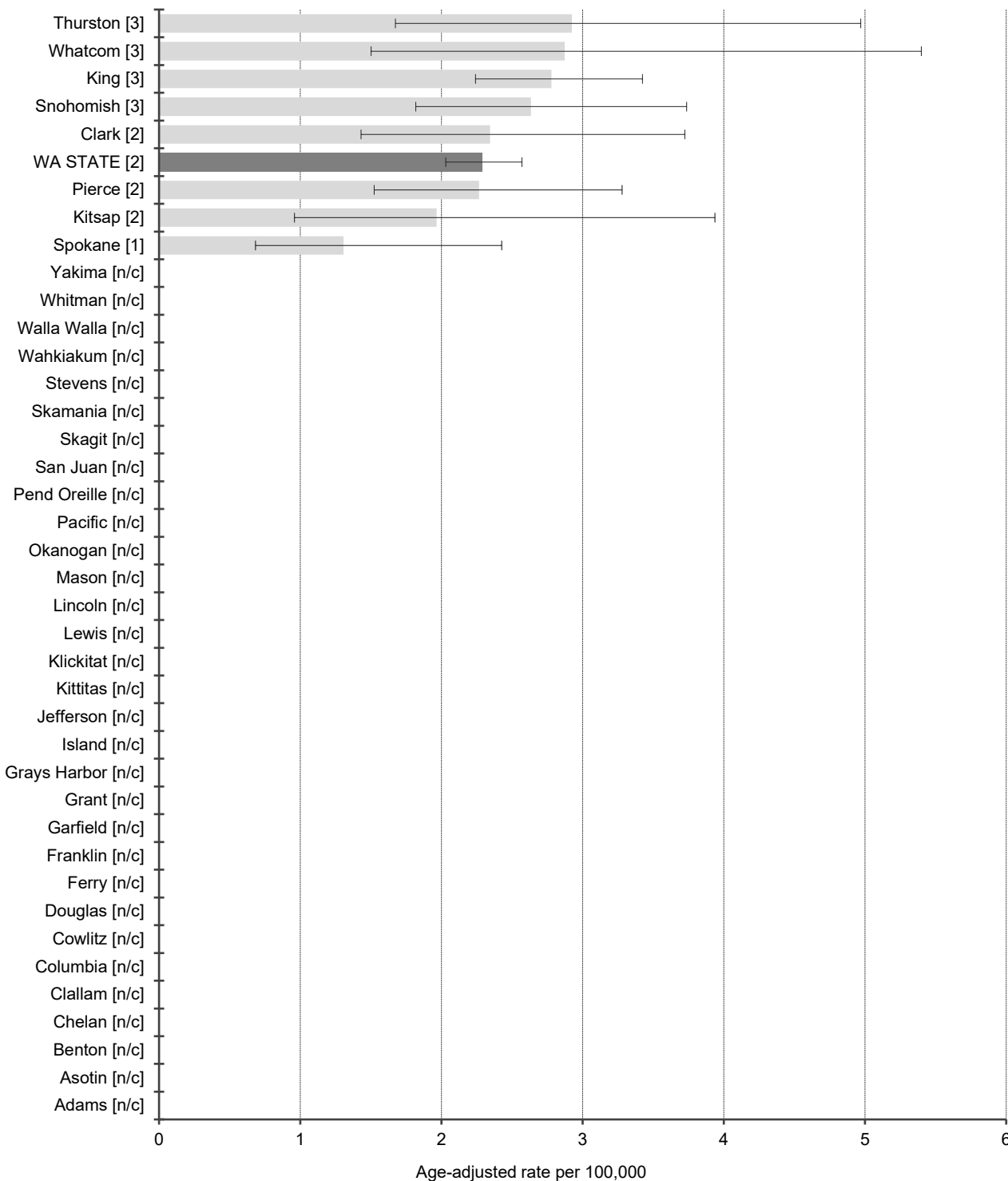
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Endometrium

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Esophagus

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C15.0-C15.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

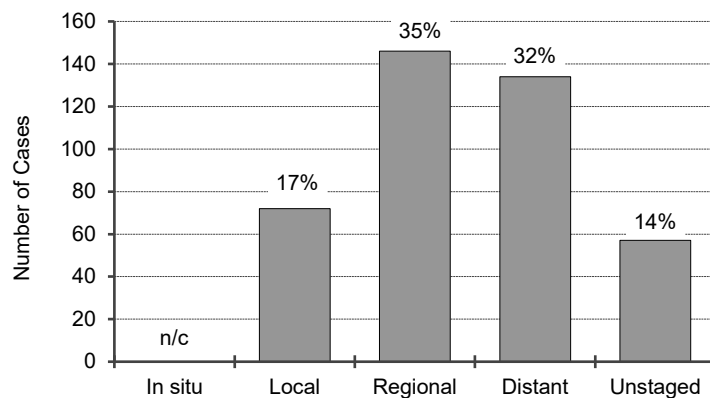
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	327	88	415
2016 Incidence Rates	8.1	2.0	4.8
2016 National Rates	7.6	1.7	4.4

Death			
	Male	Female	Total
Deaths	293	82	375
2016 Death Rates	7.5	1.9	4.4
2016 National Rates	7.0	1.5	3.9

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	79%
Local	46%
Regional	25%
Distant	5%
Unstaged	13%
Overall	20%

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

Figures include in situ and invasive cancers

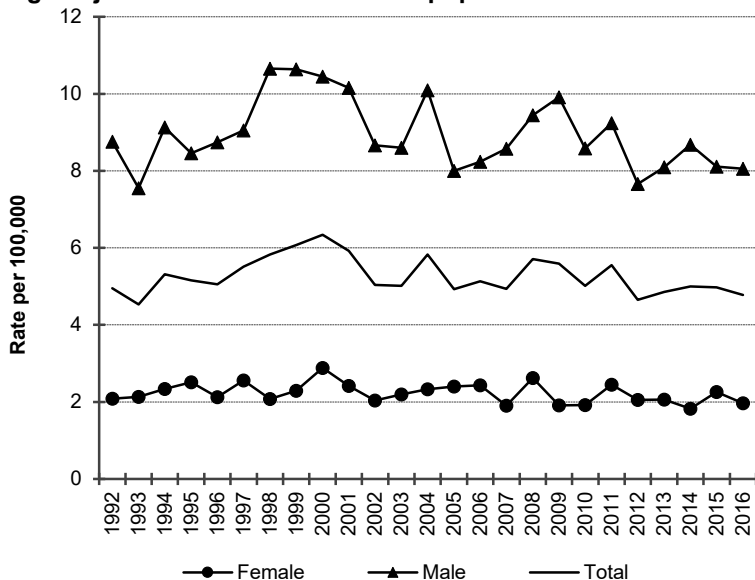
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

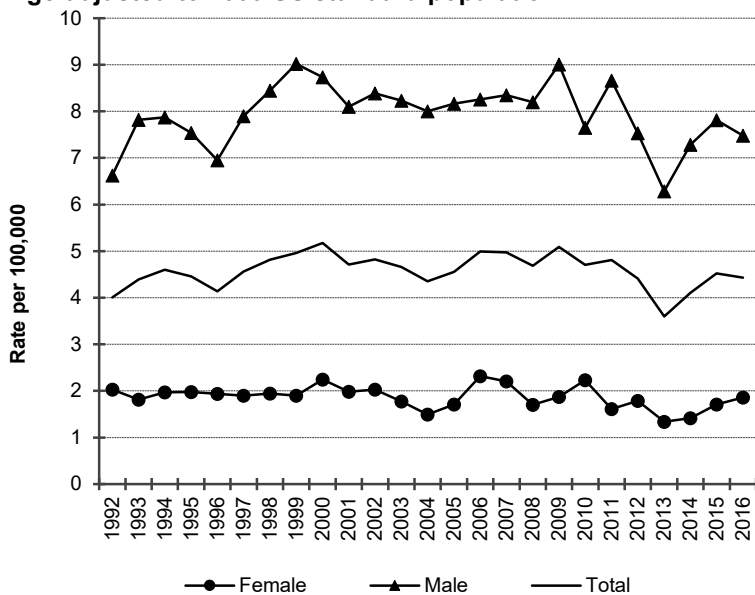
Esophagus

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 1.1% per year since 1999.
Men: Rates remained level from 1992 to 1999; decreased steadily by 1.3% per year since 1999..
Women: Rates remained level from 1992 to 2016.

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 2000; decreased slightly by 0.9% per year since 2000.
Men: Rates remained level from 1992 to 2016.
Women: Rates remained level from 1992 to 2016.

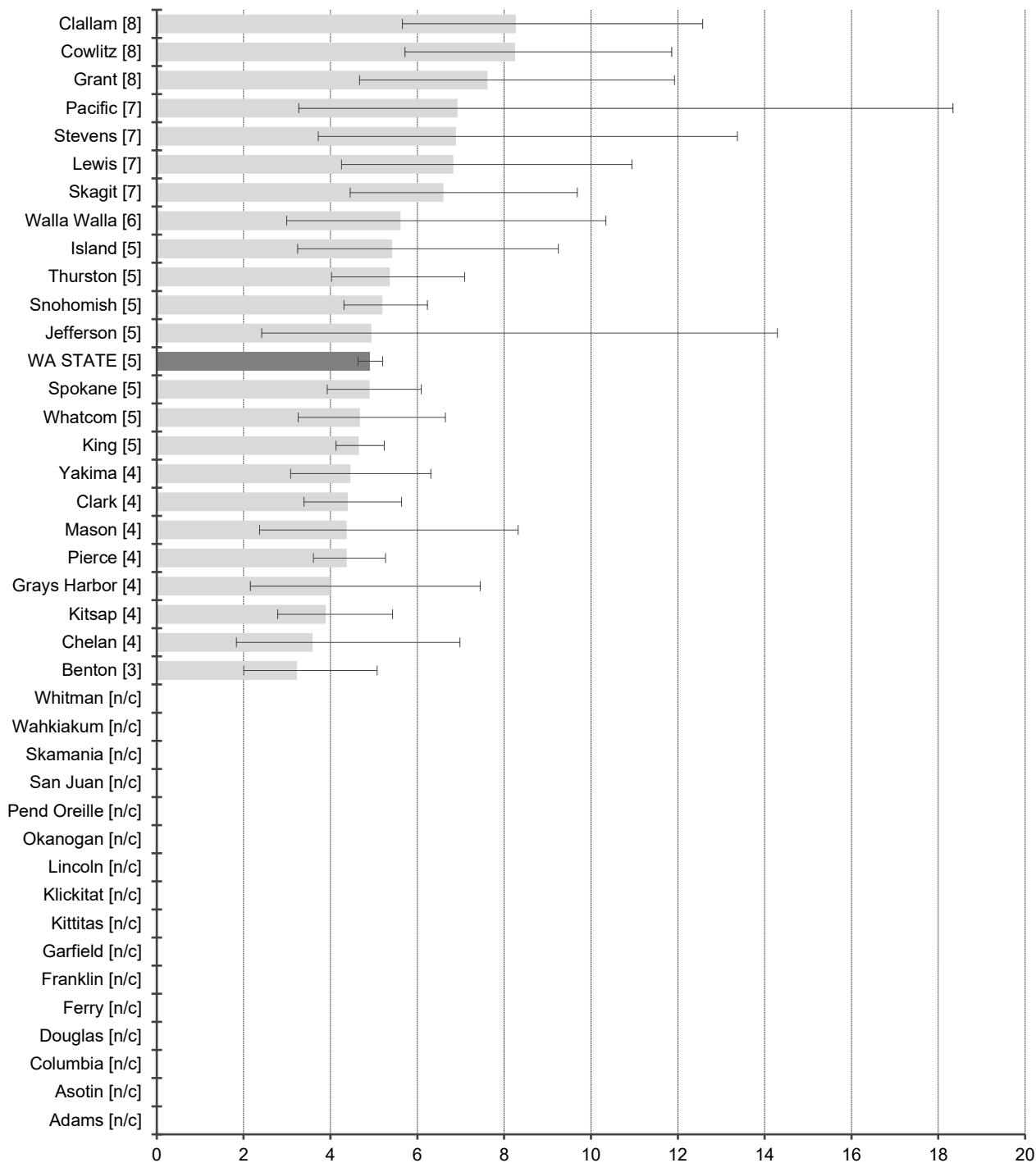
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Esophagus

2014-2016 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 2014-2016.

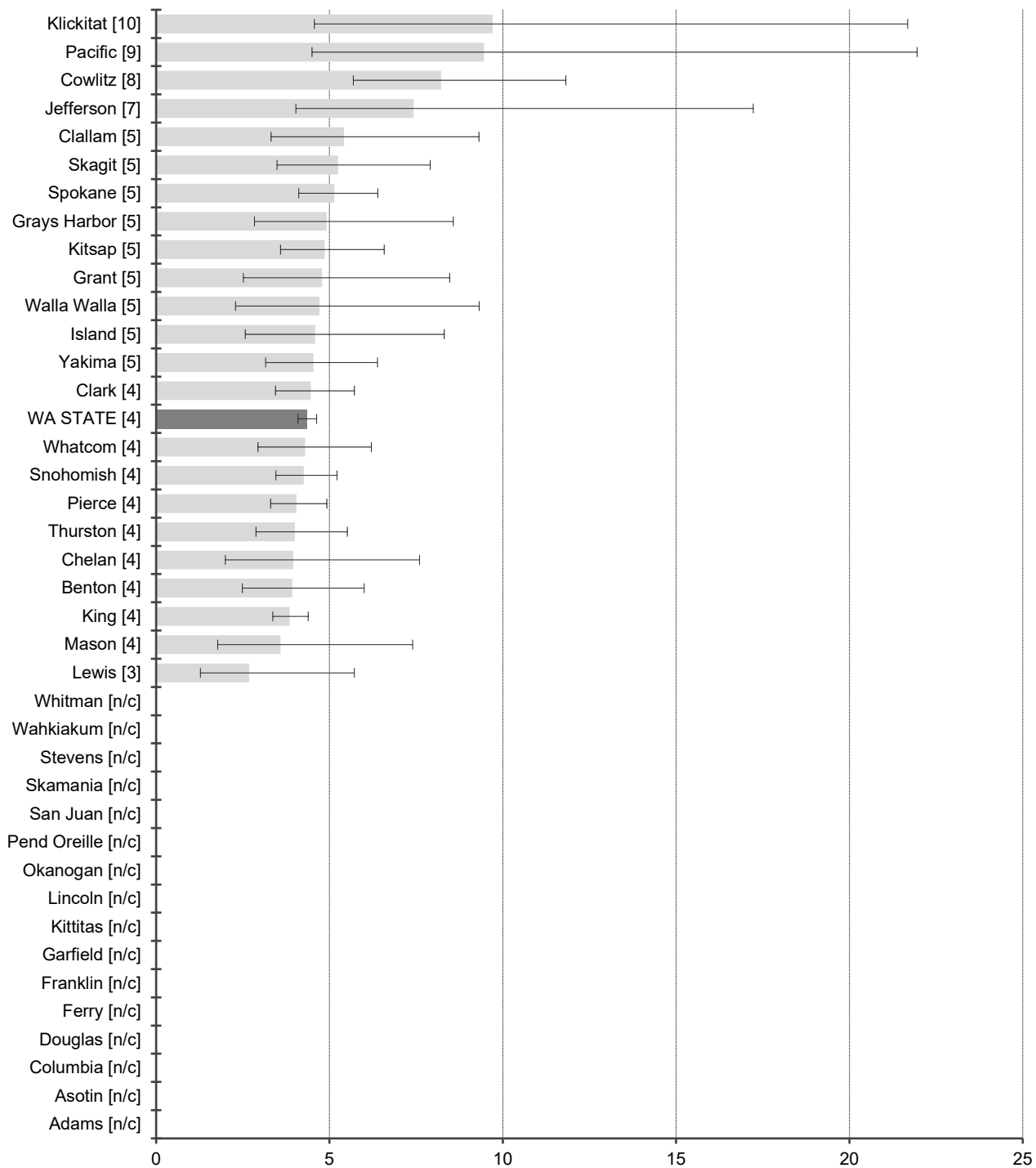
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Esophagus

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

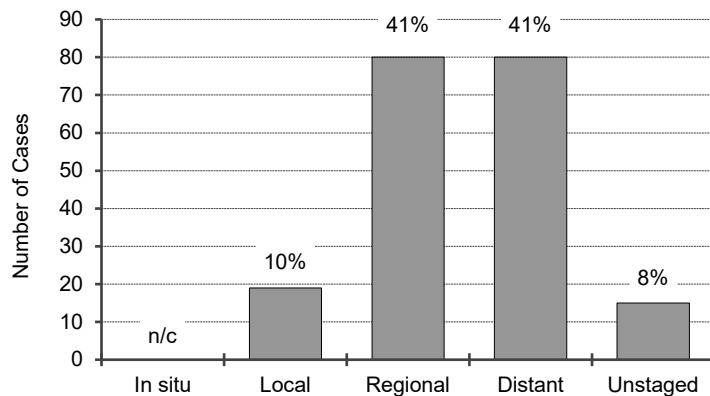
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	102	91	194
2016 Incidence Rates	2.8	2.5	2.6
2016 National Rates	2.8	2.2	2.5

Death			
	Male	Female	Total
Deaths	14	6	20
2016 Death Rates	0.4	0.1	0.3
2016 National Rates	0.4	0.2	0.3

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	92%
Regional	94%
Distant	80%
Unstaged	83%
Overall	87%

n/a = not available

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

Figures include only invasive cancers

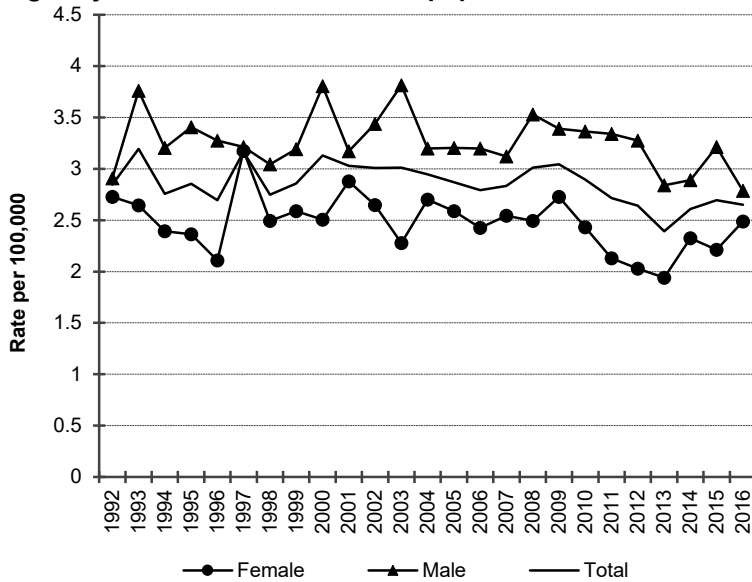
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Hodgkin Lymphoma

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



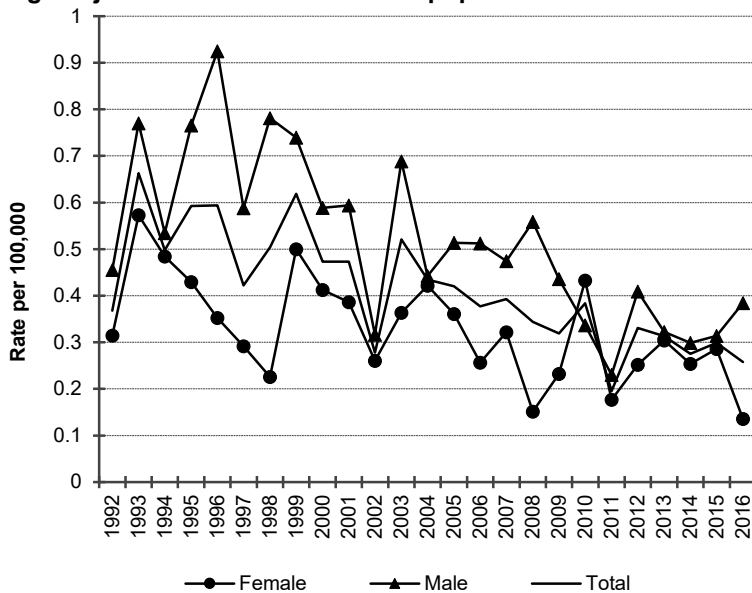
For Hodgkin Lymphoma age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates decreased slightly by 0.5% per year from 1992 to 2016.

Men: Rates remained level from 1992 to 2016.

Women: Rates decreased slightly by 0.7% per year from 1992 to 2016.

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 3.2% per year from 1992 to 2016.

Men: Rates decreased steadily by 3.7% per year from 1992 to 2016.

Women: Rates decreased steadily by 2.7% per year from 1992 to 2016.

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 2019.

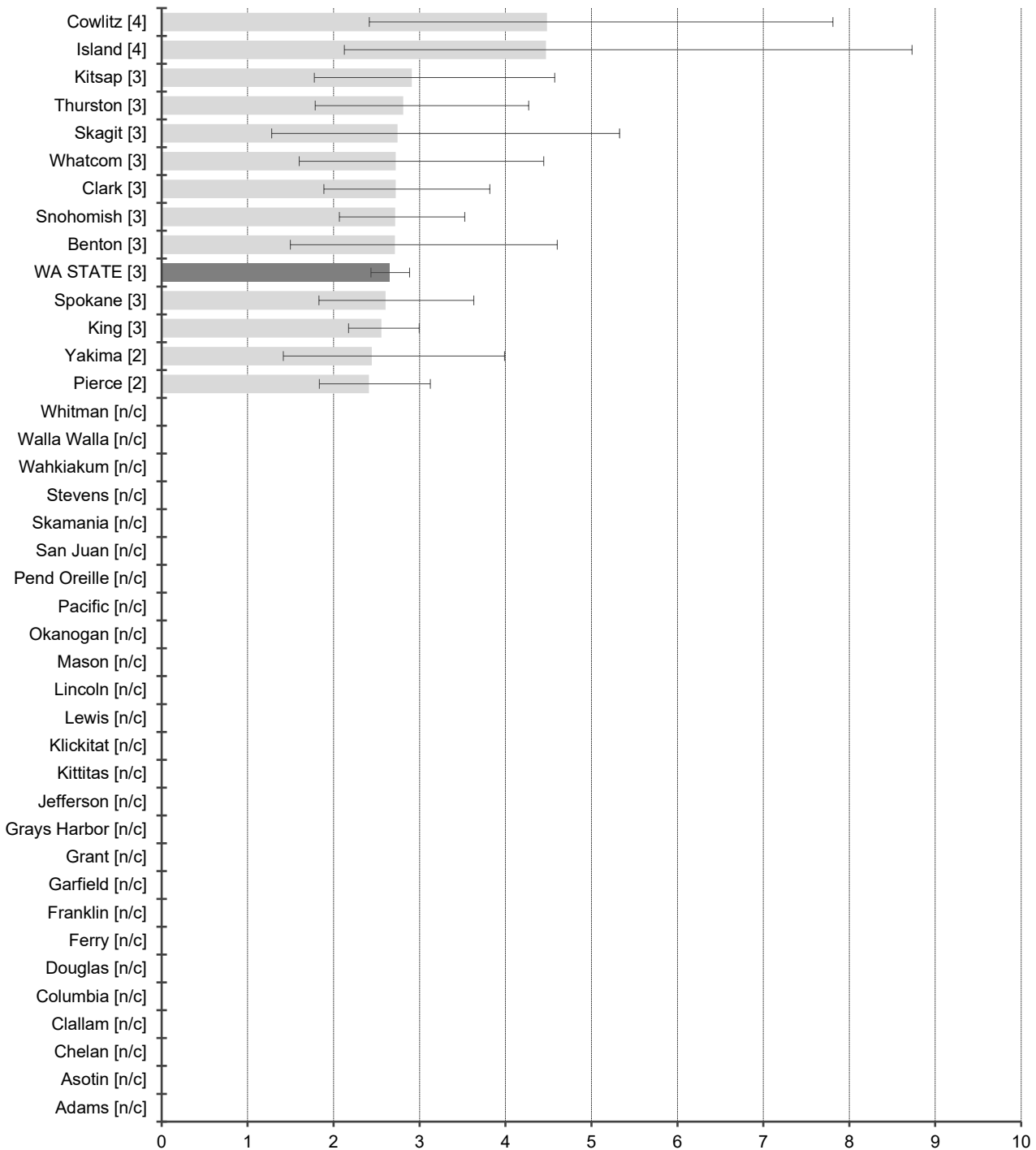
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Hodgkin Lymphoma

2014-2016 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 2014-2016.

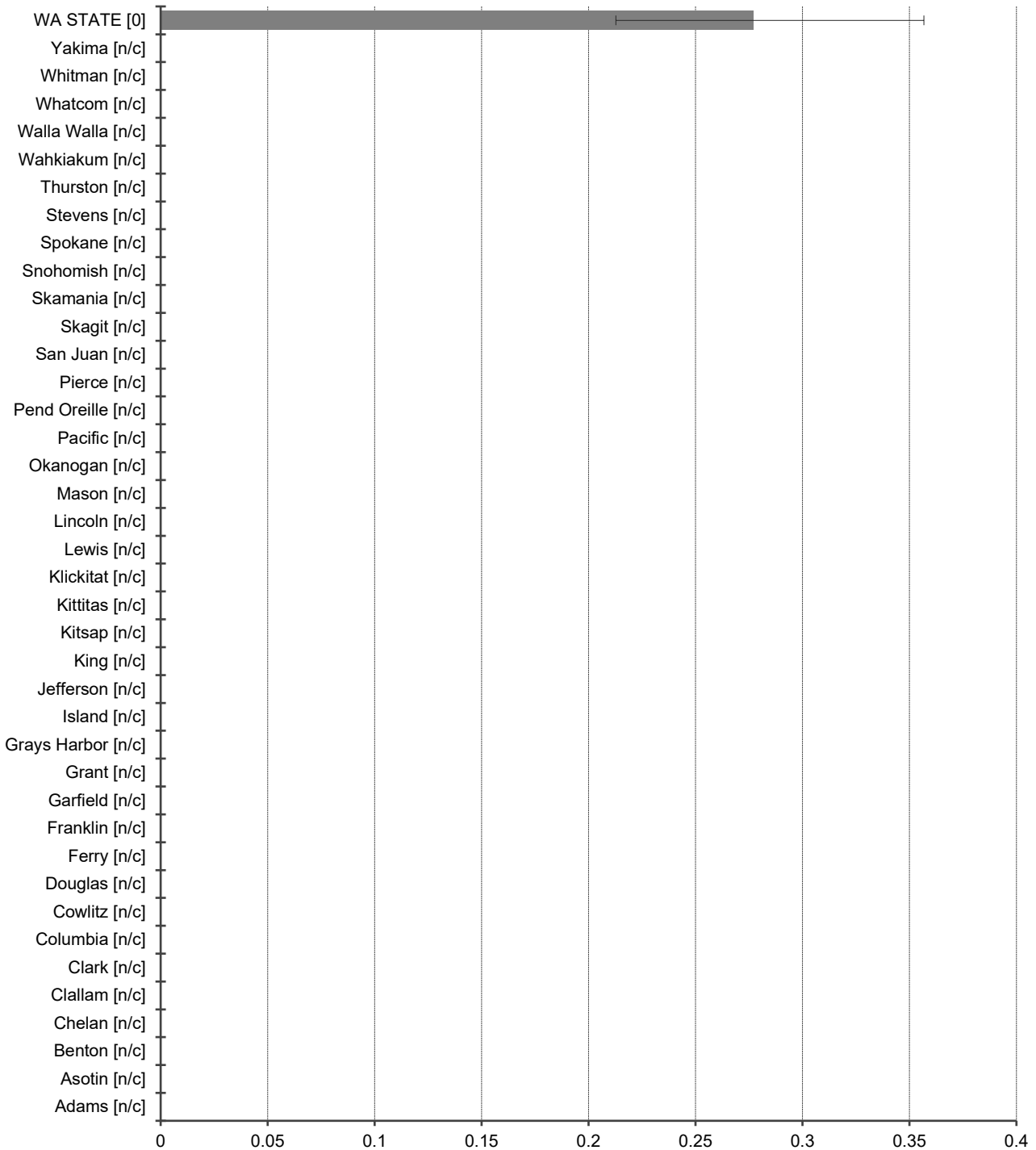
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Hodgkin Lymphoma

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Kidney and Renal Pelvis

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C64.9, C65.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

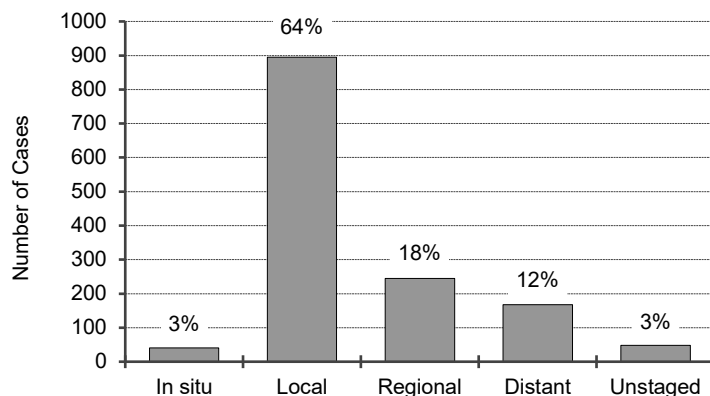
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	855	542	1,397
2016 Incidence Rates	21.2	12.4	16.5
2016 National Rates	23.0	11.7	16.9

Death			
	Male	Female	Total
Deaths	186	95	281
2016 Death Rates	4.9	2.1	3.4
2016 National Rates	5.2	2.3	3.6

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	87%
Local	92%
Regional	69%
Distant	12%
Unstaged	44%
Overall	75%

Figures include in situ and invasive cancers

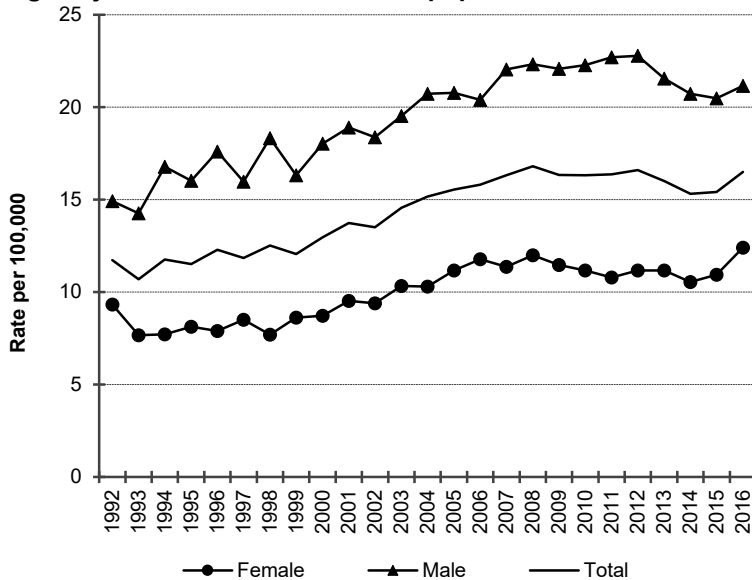
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Kidney and Renal Pelvis

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



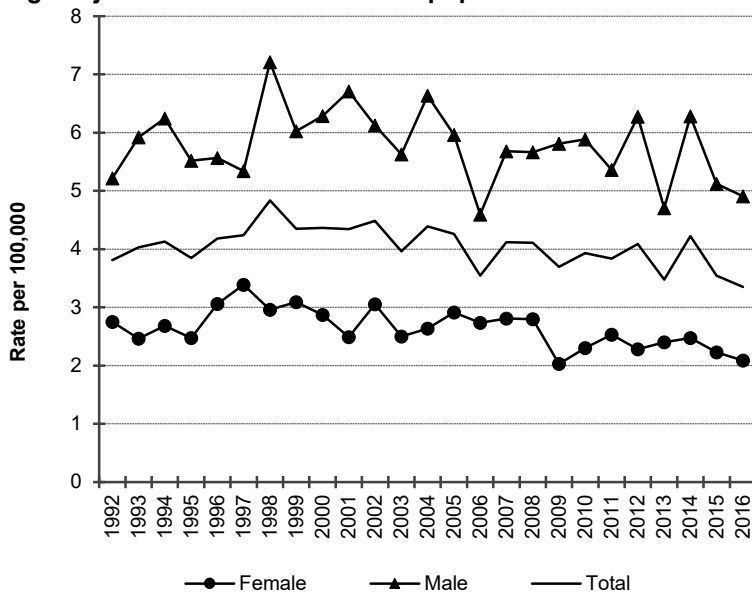
For kidney and renal pelvis age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased steadily by 2.8% per year from 1992 to 2008; remained level since 2008.

Men: Rates increased steadily by 2.4% per year from 1992 to 2010; decreased steadily by 1.8% per year since 2010.

Women: Rates remained level from 1992 to 1994; increased steadily by 3.7% per year from 1994 to 2007; remained level from 2007 to 2014; remained level since 2014.

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 1.2% per year since 1998.

Men: Rates remained level from 1992 to 2016.

Women: Rates remained level from 1992 to 1997; decreased steadily by 1.7% per year since 1997.

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 2019.

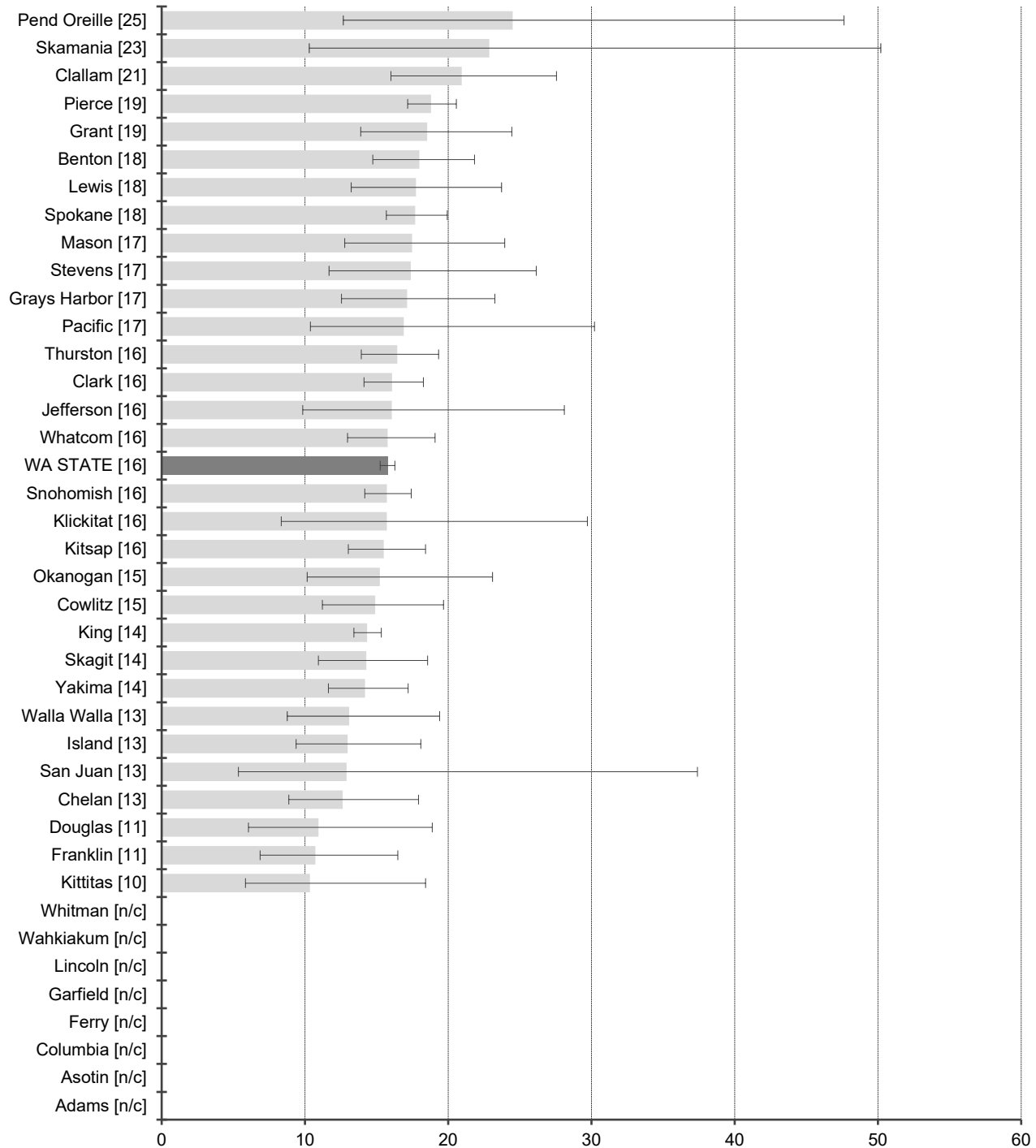
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Kidney and Renal Pelvis

2014-2016 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 2014-2016.

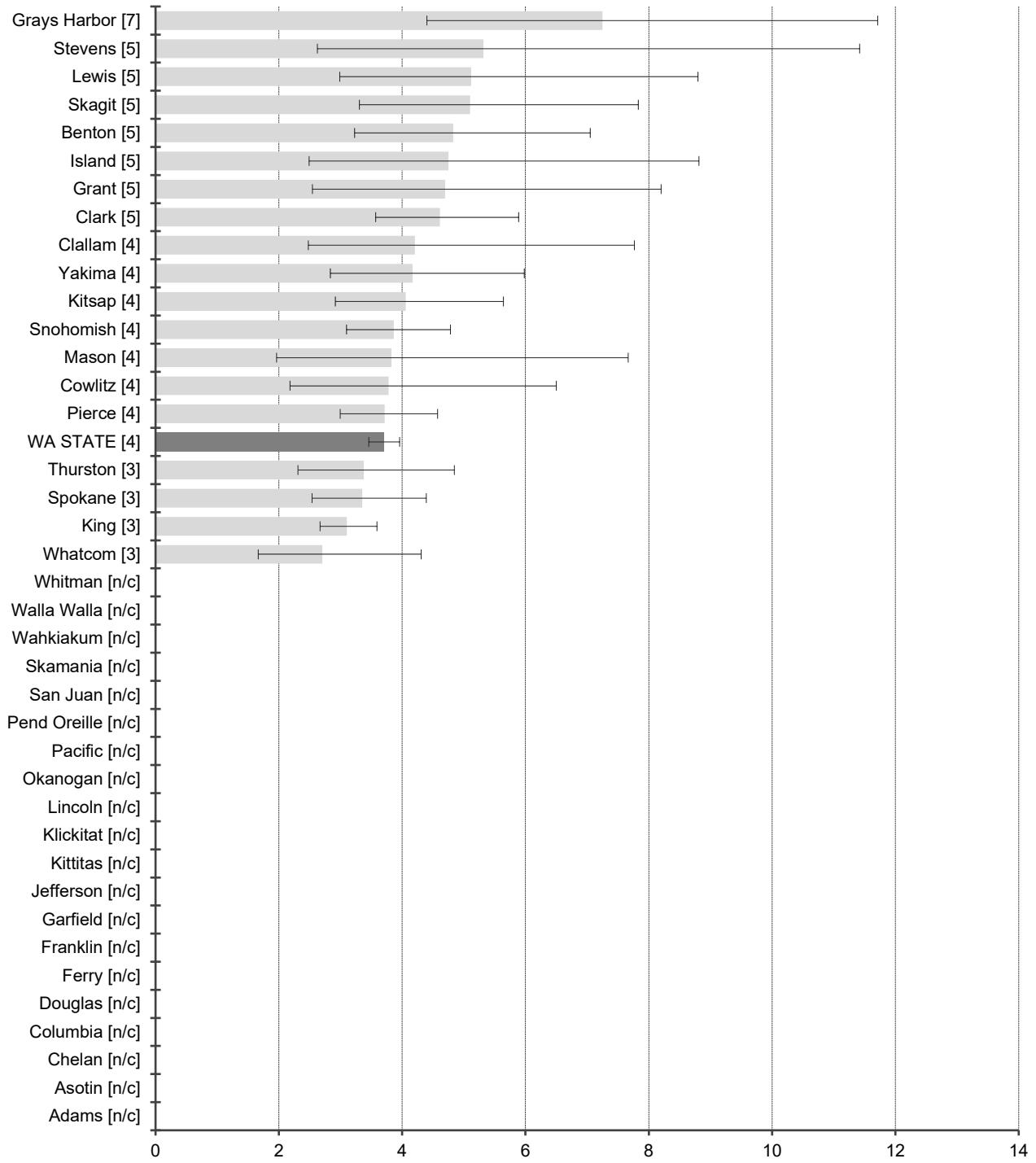
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Kidney and Renal Pelvis

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018

Larynx

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C32.0-C32.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

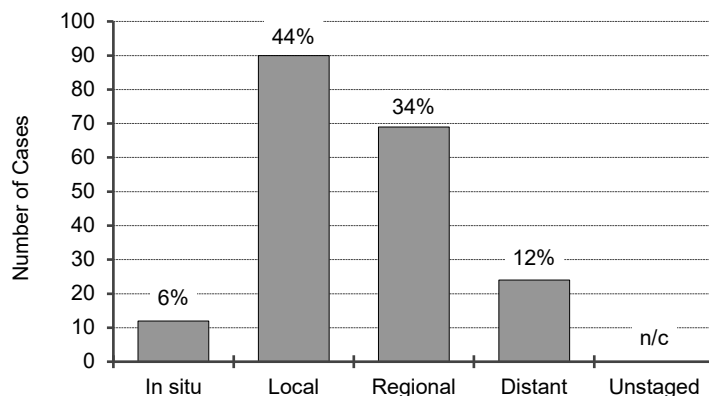
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	165	38	203
2016 Incidence Rates	4.1	0.8	2.3
2016 National Rates	5.6	1.3	3.3

Death			
	Male	Female	Total
Deaths	55	11	66
2016 Death Rates	1.5	0.2	0.8
2016 National Rates	1.7	0.4	1.0

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	92%
Local	77%
Regional	45%
Distant	32%
Unstaged	52%
Overall	62%

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

Figures include in situ and invasive cancers

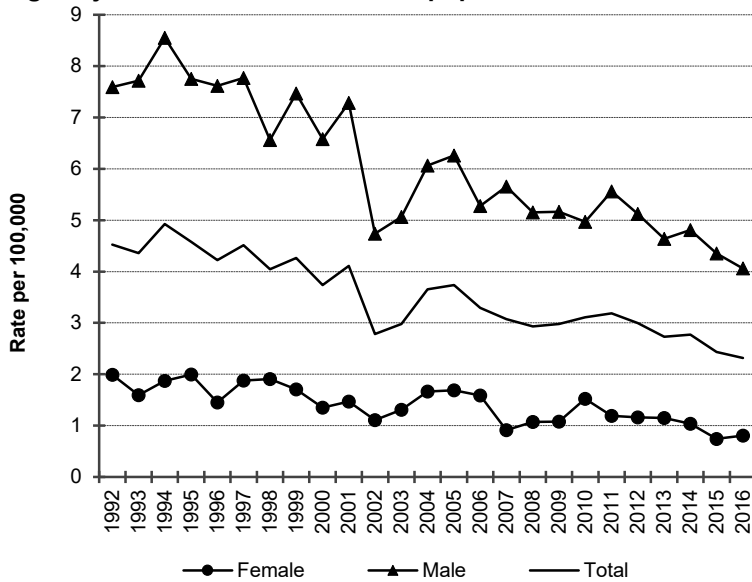
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Larynx

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



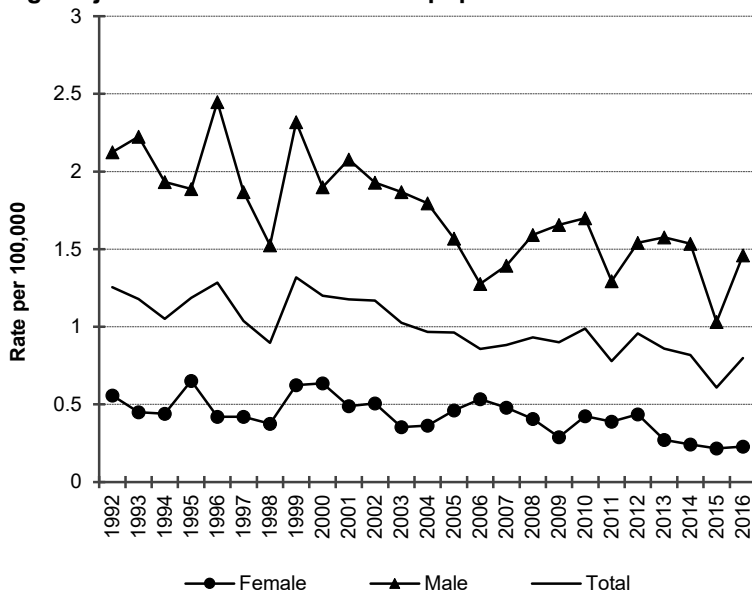
For laryngeal cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates decreased steadily by 2.6% per year from 1992 to 2016.

Men: Rates decreased steadily by 2.6% per year from 1992 to 2016.

Women: Rates decreased steadily by 2.9% per year from 1992 to 2016.

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 2.0% per year from 1992 to 2016.

Men: Rates decreased steadily by 2.1% per year from 1992 to 2016.

Women: Rates decreased steadily by 2.8% per year from 1992 to 2016.

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 2019.

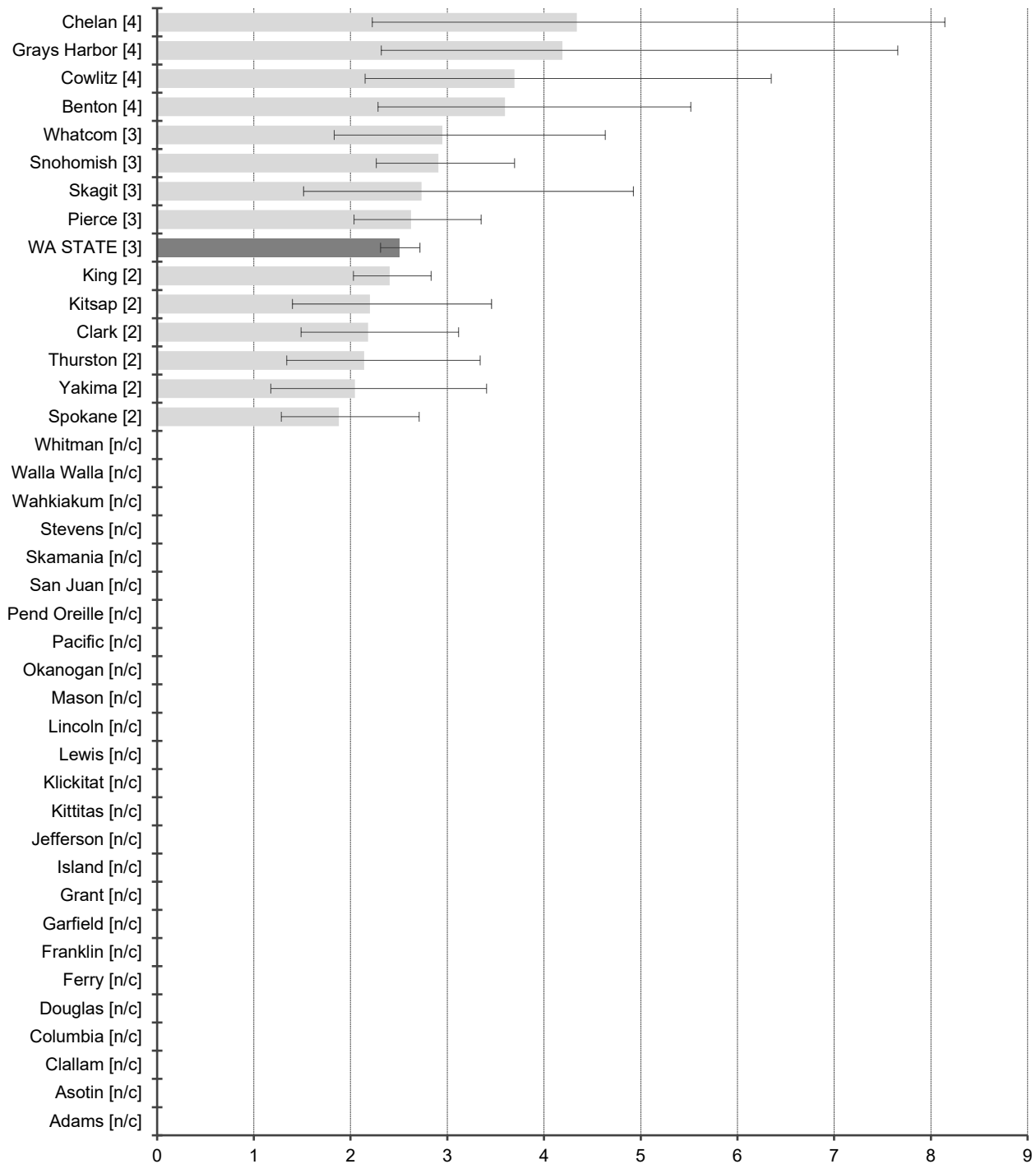
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Larynx

2014-2016 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 2014-2016.

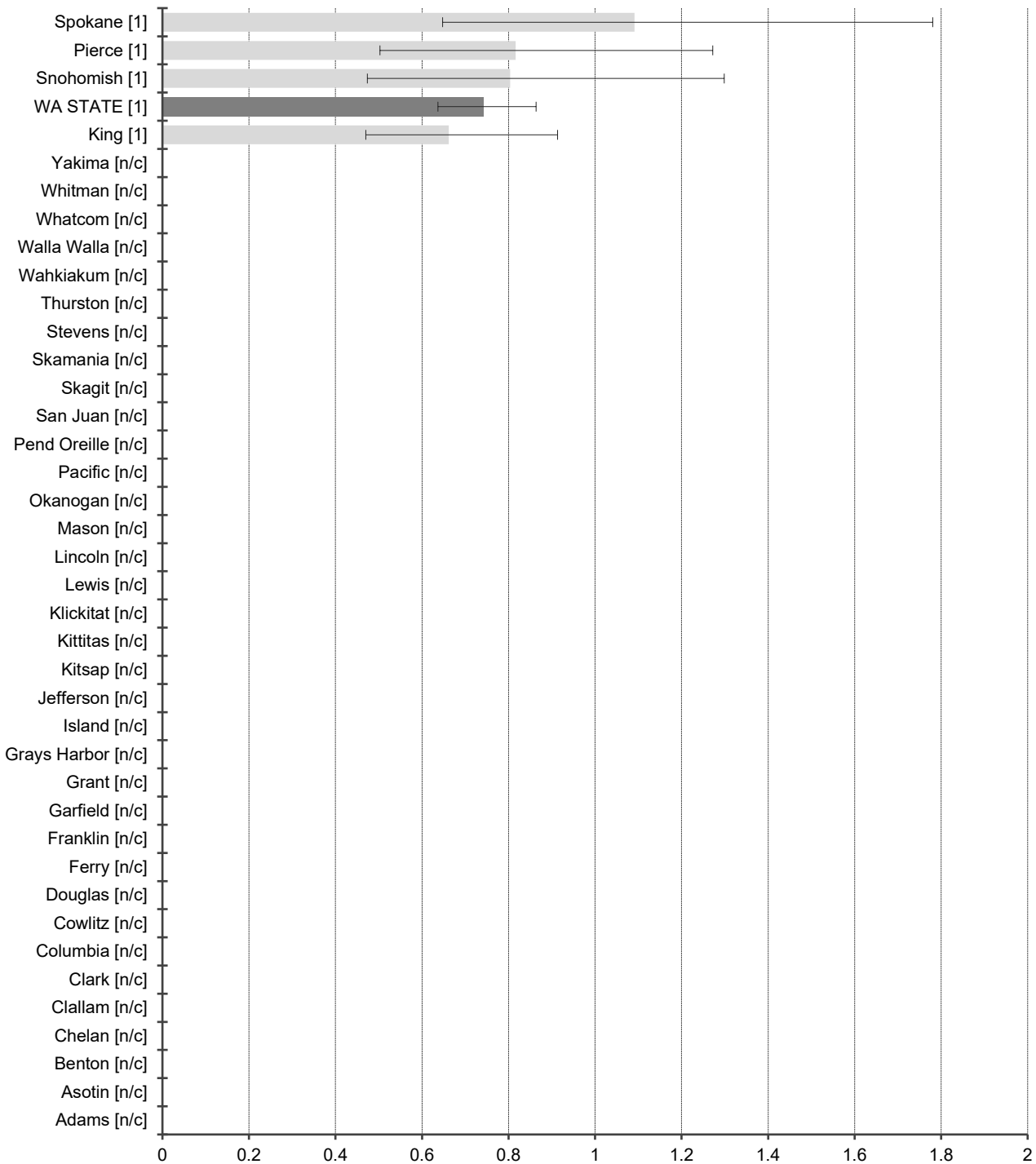
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Larynx

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Leukemia

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

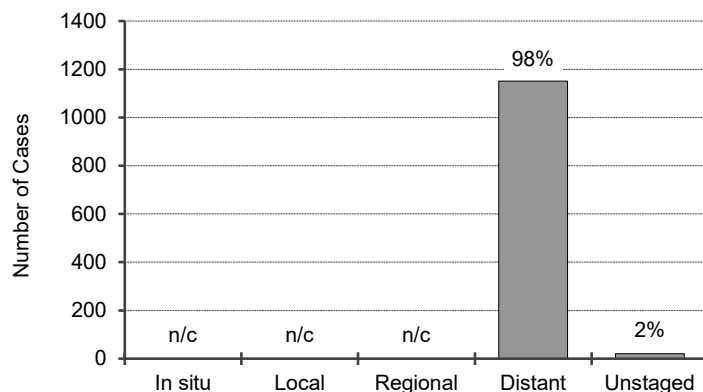
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	696	477	1,173
2016 Incidence Rates	18.1	11.2	14.4
2016 National Rates	16.4	9.9	12.8

Death			
	Male	Female	Total
Deaths	295	199	494
2016 Death Rates	8.2	4.6	6.2
2016 National Rates	8.3	4.7	6.3

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	55%
Regional	n/a
Distant	63%
Unstaged	n/a
Overall	63%

n/a = not available

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

Figures include only invasive cancers

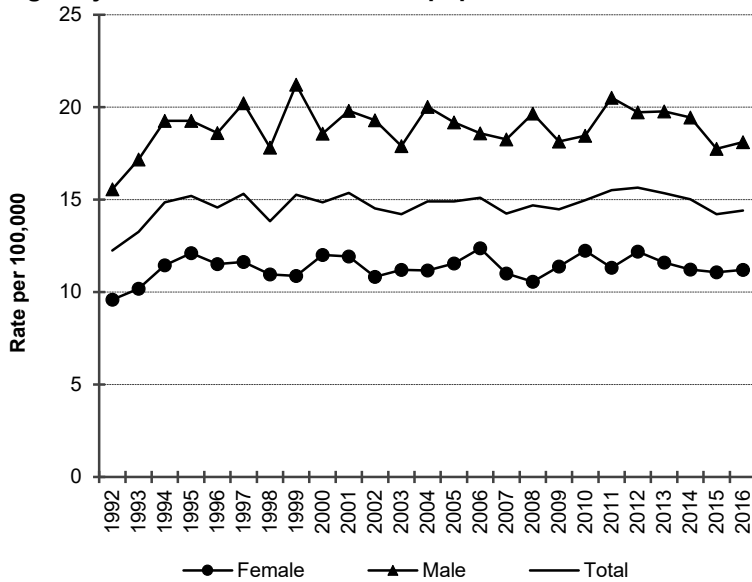
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

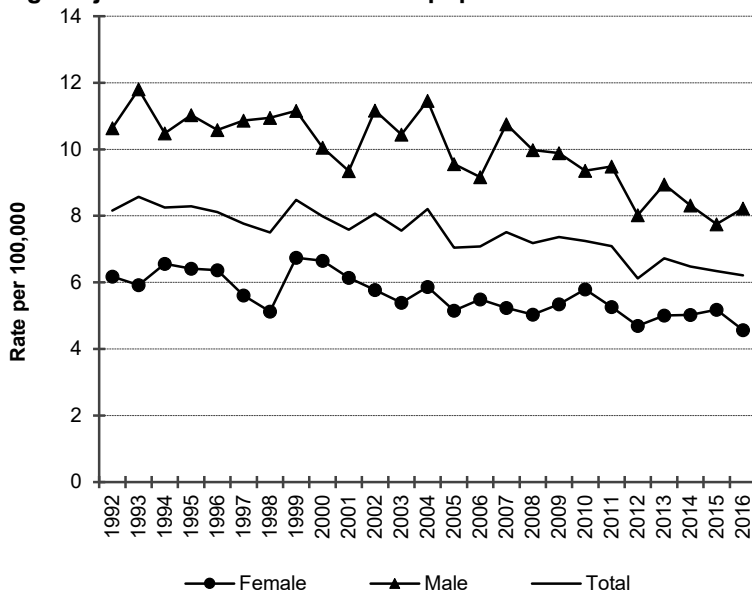
Leukemia

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 1994; remained level since 1994.
Men: Rates remained level from 1992 to 1994; remained level since 1994.
Women: Rates remained level from 1992 to 1994; remained level since 1994.

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 1.2% per year from 1992 to 2016.
Men: Rates decreased steadily by 1.3% per year from 1992 to 2016.
Women: Rates decreased steadily by 1.2% per year from 1992 to 2016.

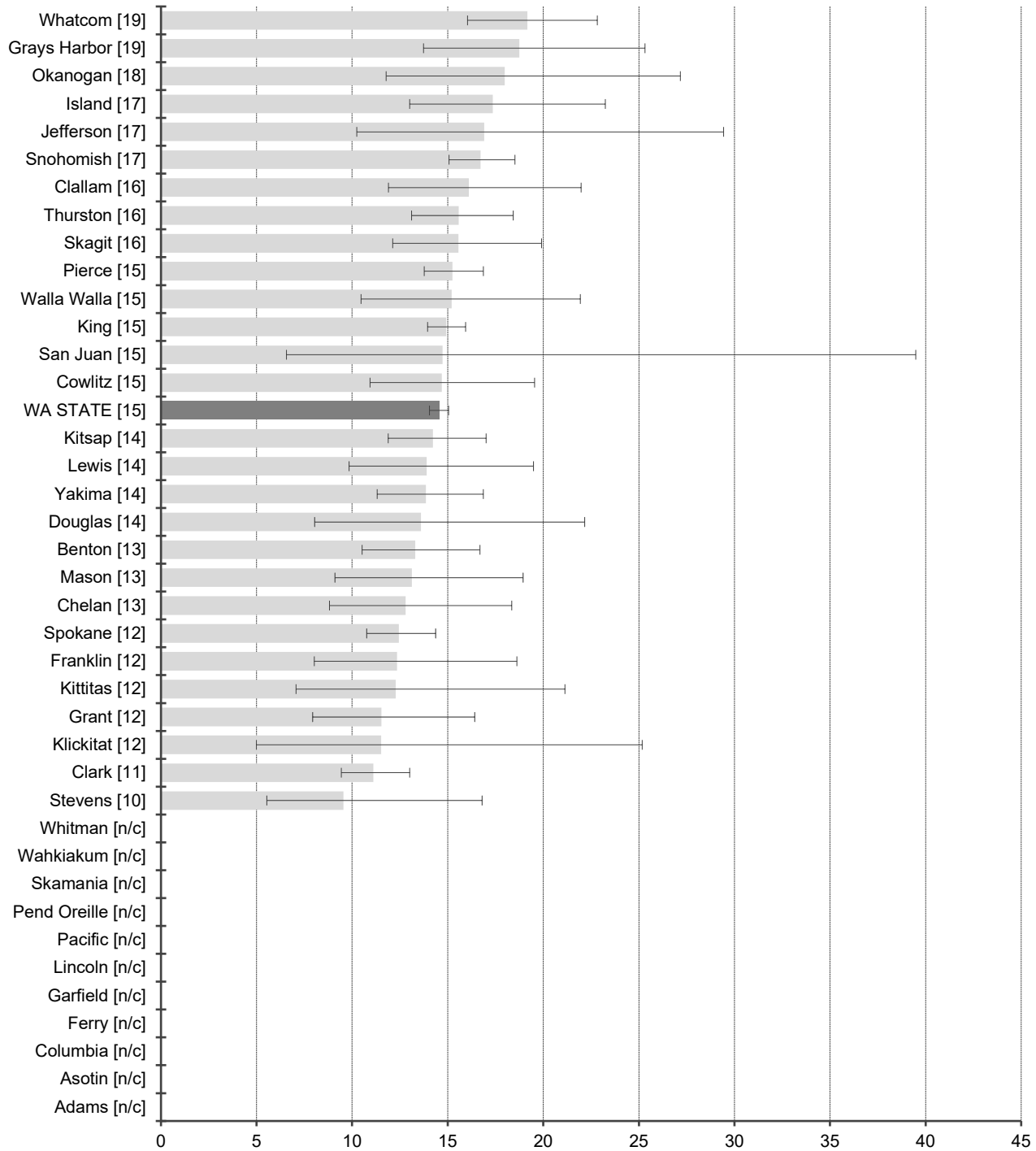
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Leukemia

2014-2016 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 2014-2016.

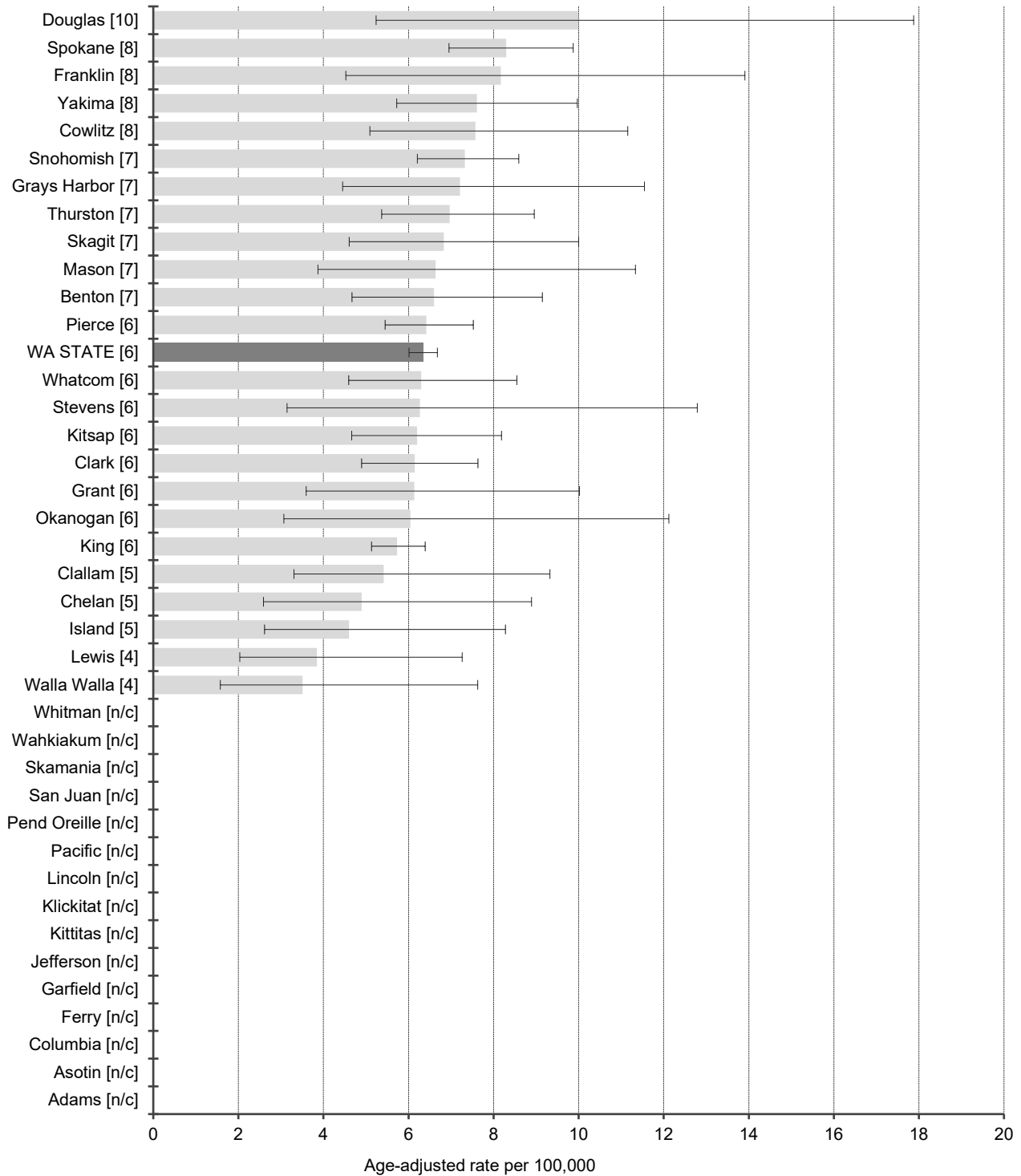
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Leukemia

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Liver and Intrahepatic Bile Duct

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C22.0-C22.1, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

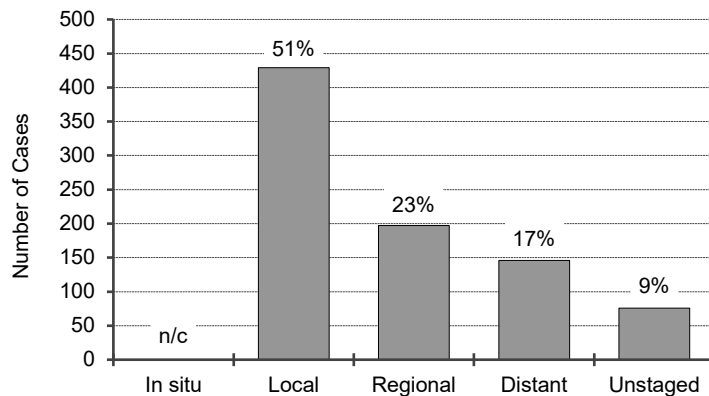
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	617	229	848
2016 Incidence Rates	13.8	5.0	9.2
2016 National Rates	12.0	4.2	7.8

Death			
	Male	Female	Total
Deaths	403	183	586
2016 Death Rates	9.7	3.9	6.6
2016 National Rates	9.7	4.1	6.7

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	34%
Regional	12%
Distant	2%
Unstaged	7%
Overall	19%

n/a = not available

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

Figures include only invasive cancers

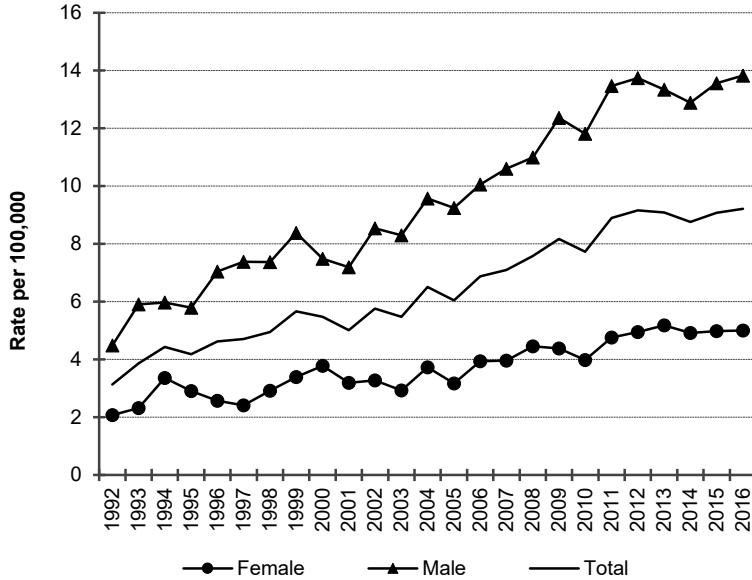
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Liver and Intrahepatic Bile Duct

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



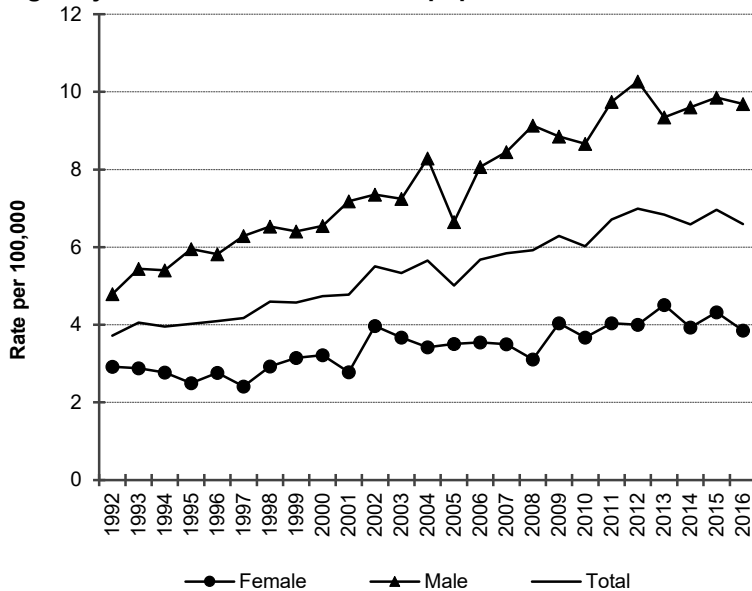
For liver and intrahepatic bile duct cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased sharply by 4.5% per year from 1992 to 2012; remained level since 2012.

Men: Rates increased sharply by 4.7% per year from 1992 to 2012; remained level since 2012 .

Women: Rates increased steadily by 3.2% per year from 1992 to 2016.

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; remained level since 2012..

Men: Rates increased steadily by 2.8% per year from 1992 to 2016.

Women: Rates increased steadily by 2.0% per year from 1992 to 2016.

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 2019.

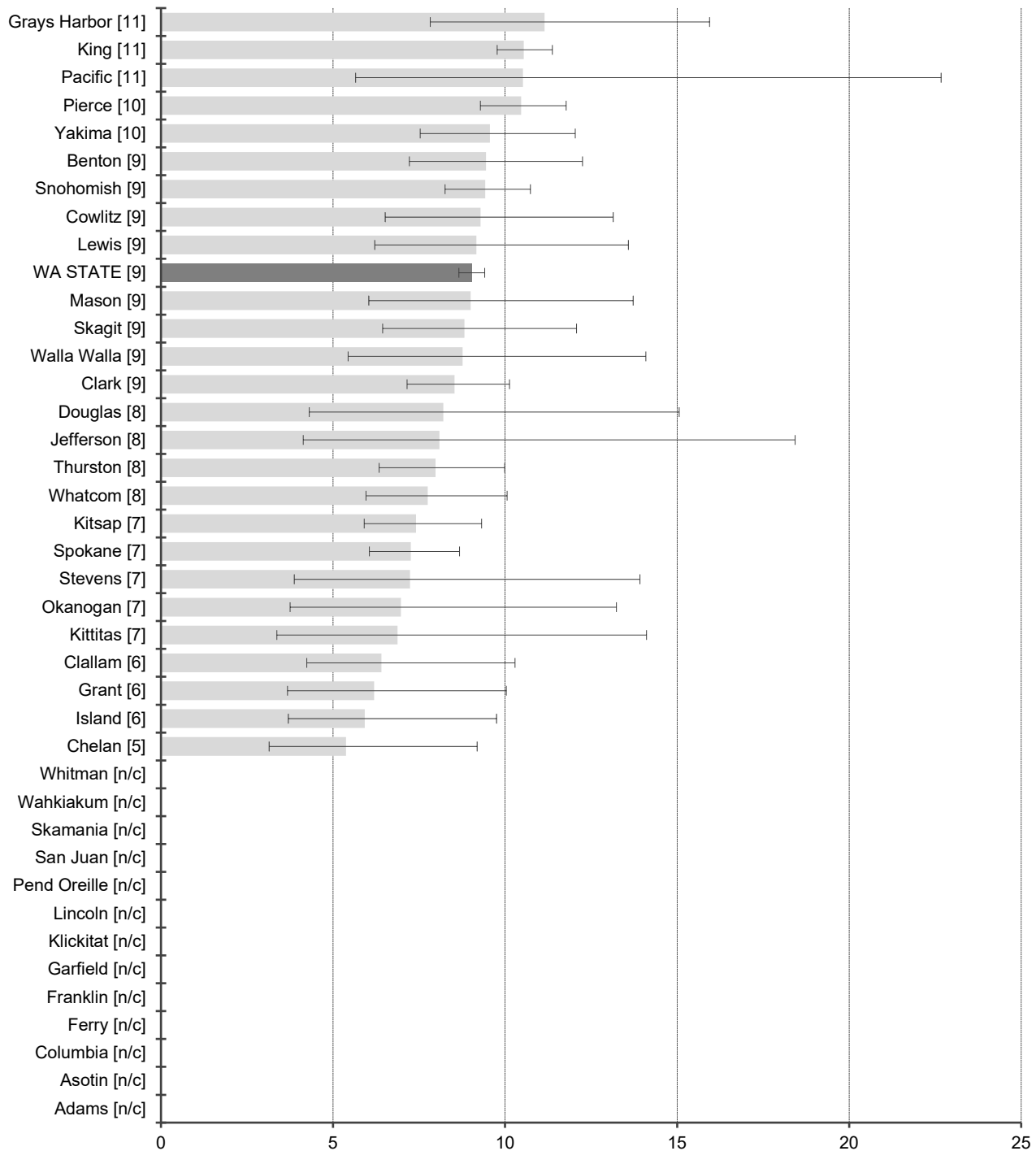
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Liver and Intrahepatic Bile Duct

2014-2016 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 2014-2016.

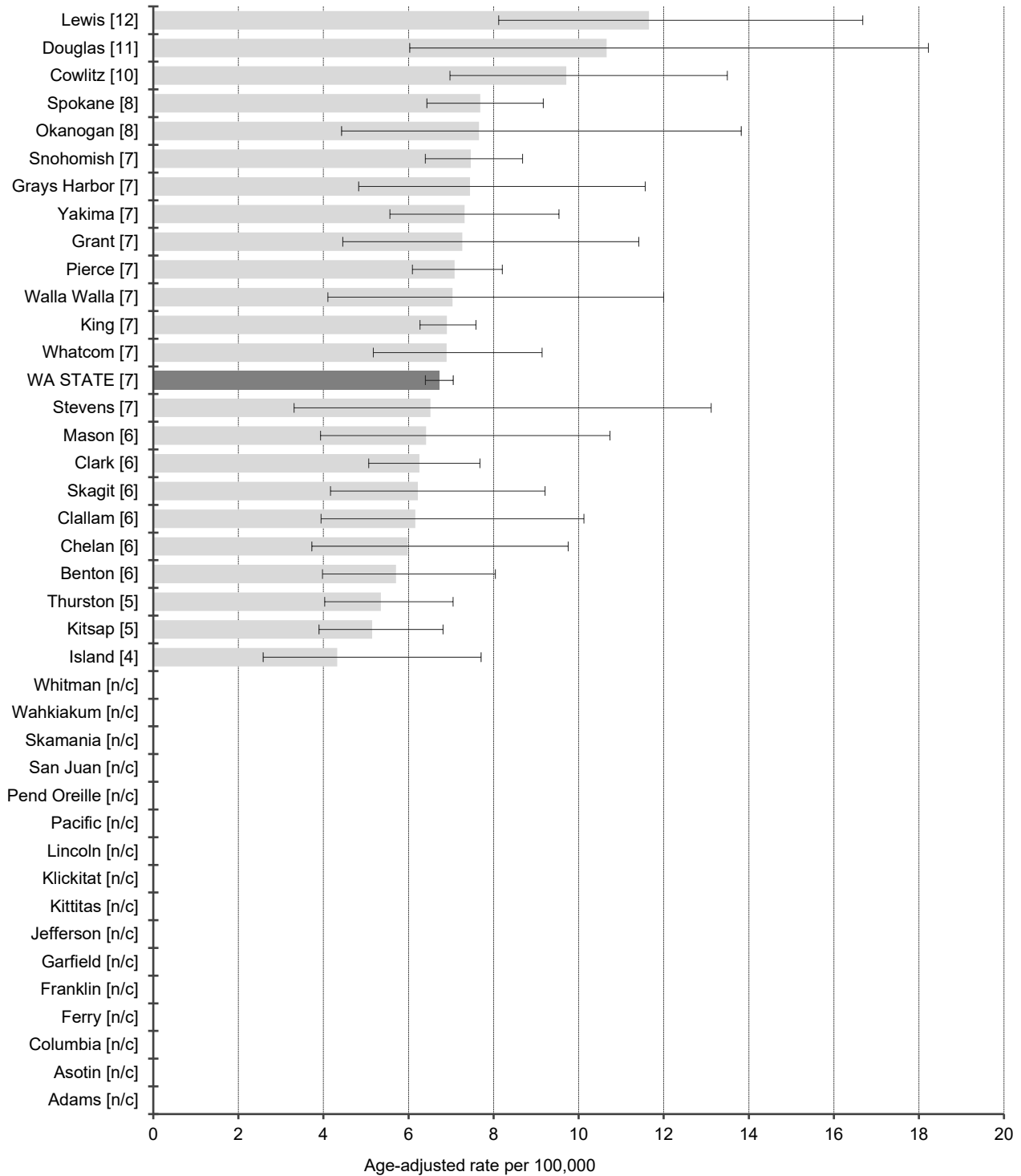
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Liver and Intrahepatic Bile Duct

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Lung and Bronchus

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C34.0-C34.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

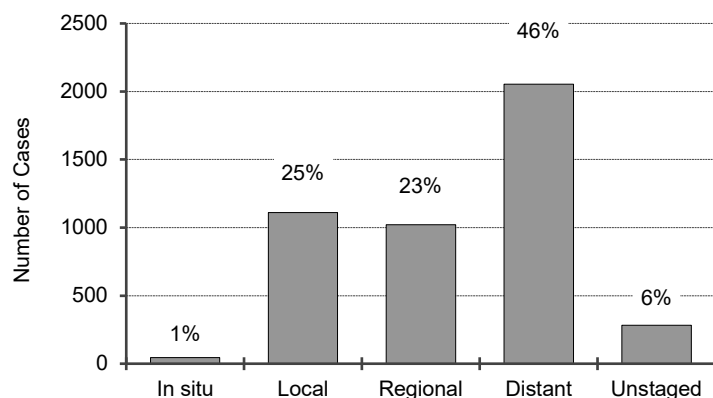
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	2,222	2,291	4,513
2016 Incidence Rates	57.0	51.3	53.7
2016 National Rates	62.2	48.5	54.4

Death			
	Male	Female	Total
Deaths	1,520	1,393	2,913
2016 Death Rates	40.0	31.4	35.3
2016 National Rates	46.9	31.9	38.5

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	80%
Local	58%
Regional	32%
Distant	6%
Unstaged	8%
Overall	20%

Figures include in situ and invasive cancers

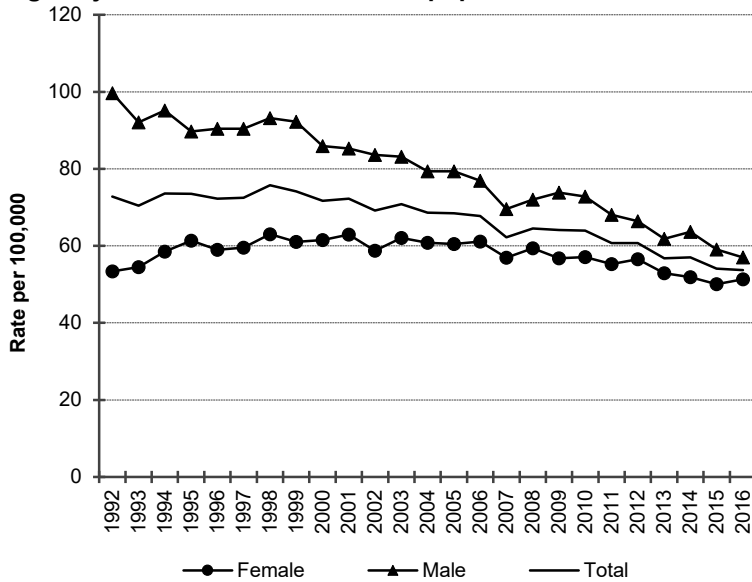
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Lung and Bronchus

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



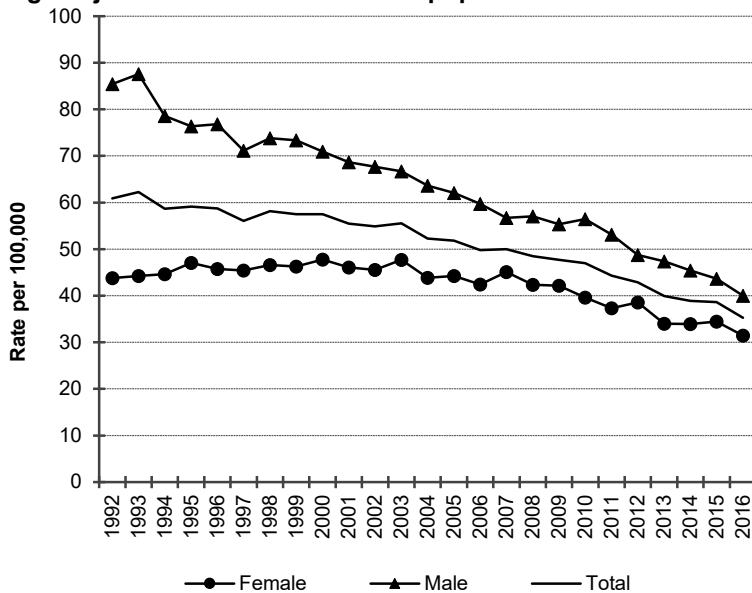
For lung and bronchus cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates remained level from 1992 to 1998; decreased steadily by 1.3% per year from 1998 to 2010; decreased steadily by 2.7% per year since 2010.

Men: Rates remained level from 1992 to 1999; decreased steadily by 2.5% per year since 1999.

Women: Rates increased steadily by 1.5% per year from 1992 to 2001; decreased steadily by 1.4% per year since 2001

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 2002; decreased steadily by 2.2% per year from 2002 to 2010; decreased sharply by 4.3% per year since 2010.

Men: Rates decreased steadily by 2.4% per year from 1992 to 2010; decreased sharply by 4.8% per year since 2010.

Women: Rates remained level from 1992 to 2003; decreased steadily by 2.8% 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 2019.

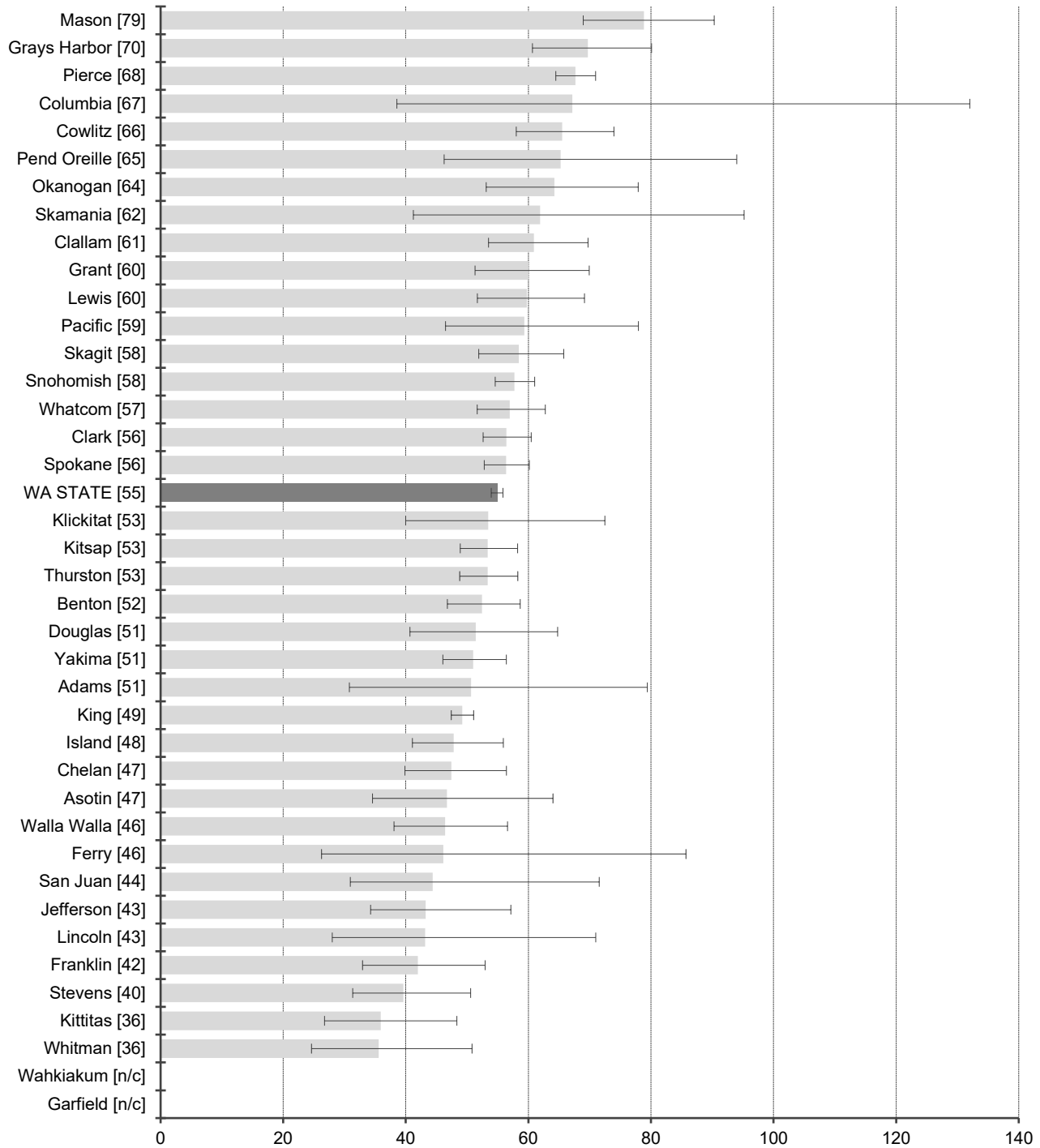
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Lung and Bronchus

2014-2016 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 2014-2016.

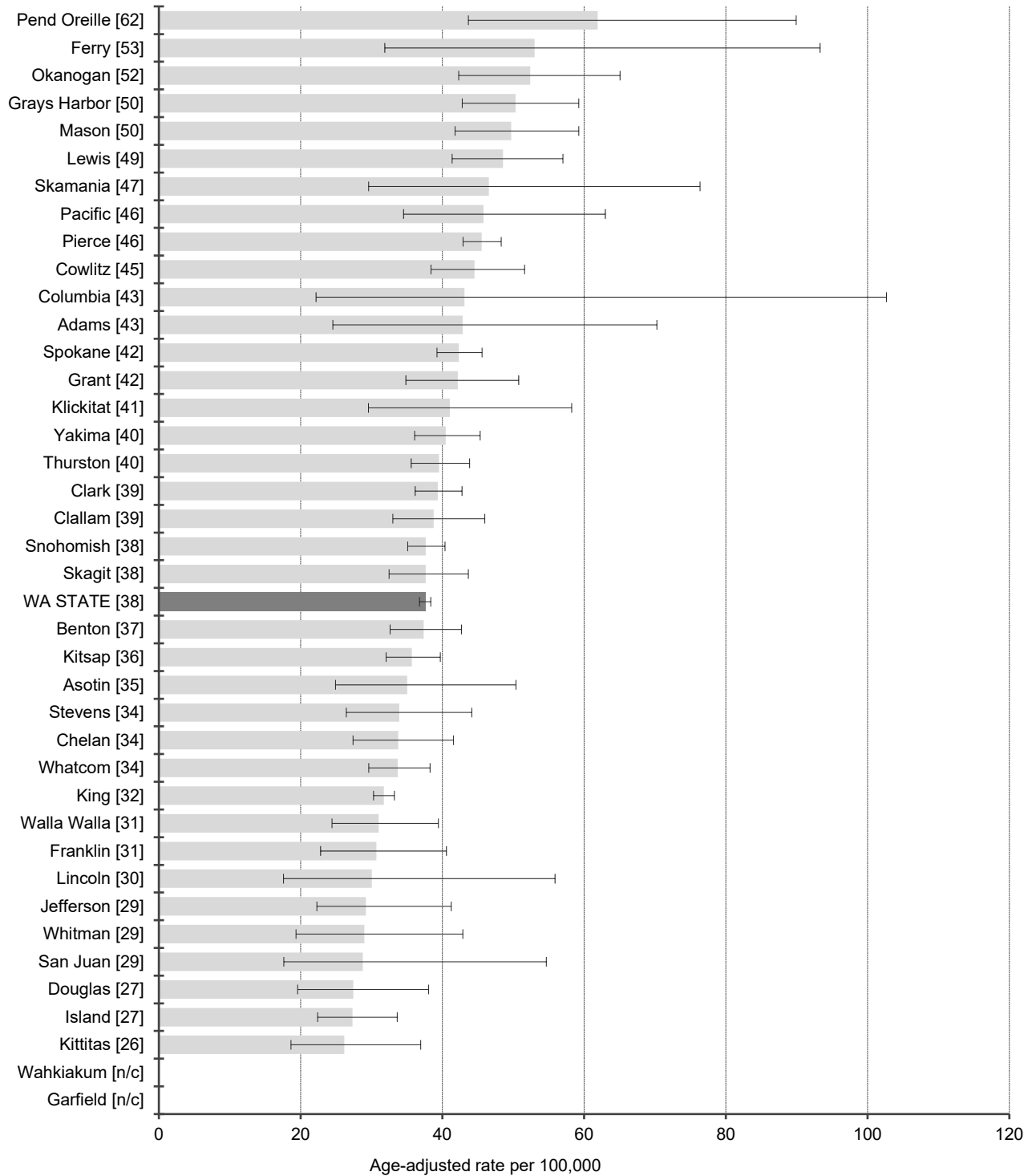
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Lung and Bronchus

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Melanoma of the Skin

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

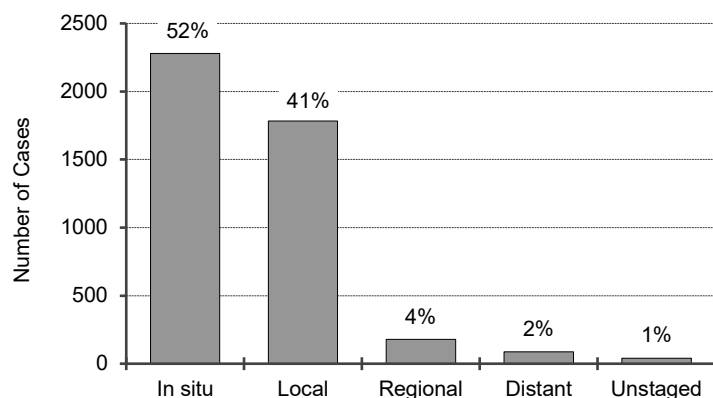
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	2,489	1,877	4,368
2016 Incidence Rates	64.3	44.9	53.3
2016 National Rates	51.5	31.8	40.1

Death			
	Male	Female	Total
Deaths	137	83	220
2016 Death Rates	3.7	1.9	2.7
2016 National Rates	3.2	1.3	2.2

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	100%
Local	99%
Regional	65%
Distant	27%
Unstaged	85%
Overall	98%

Figures include in situ and invasive cancers

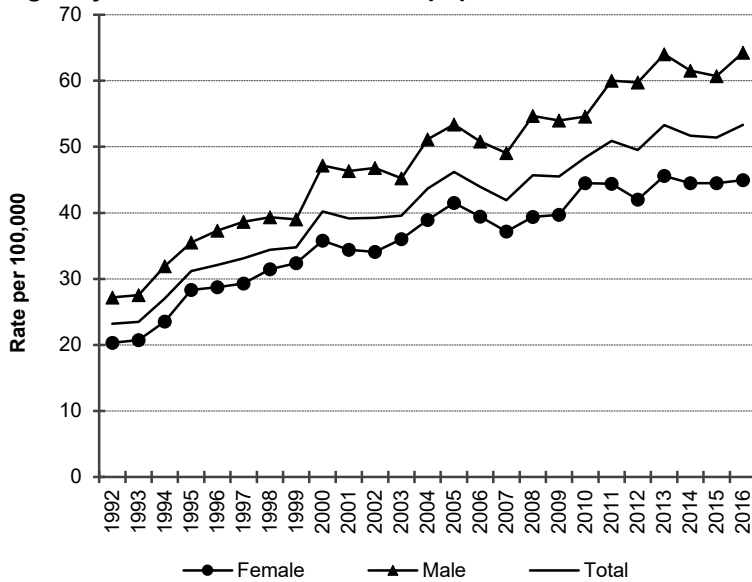
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Melanoma of the Skin

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



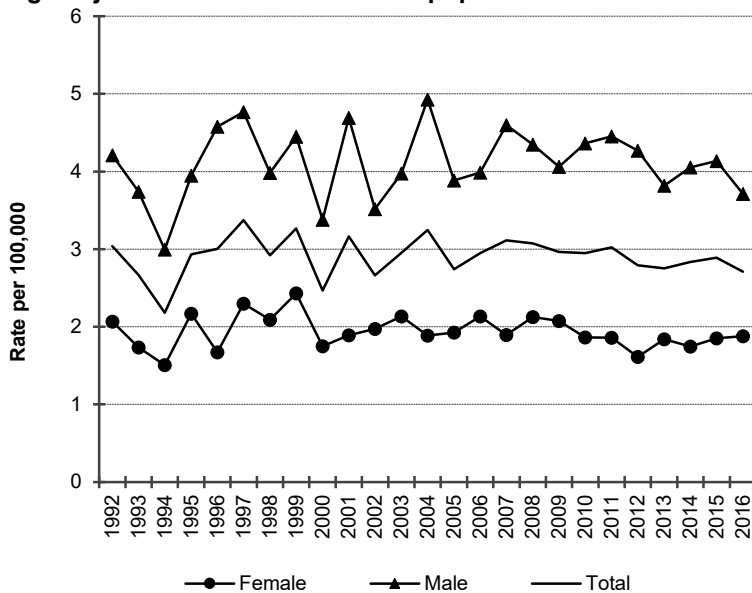
For melanoma of the skin cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased sharply by 6.3% per year from 1992 to 2000; increased steadily by 2.1% per year since 2000.

Men: Rates increased sharply by 6.2% per year from 1992 to 2000; increased steadily by 2.3% per year since 2000.

Women: Rates increased sharply by 7.4% per year from 1992 to 1999; increased steadily by 1.8% per year since 1999.

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 2016.

Men: Rates remained level from 1992 to 2016.

Women: Rates remained level from 1992 to 2016.

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 2019.

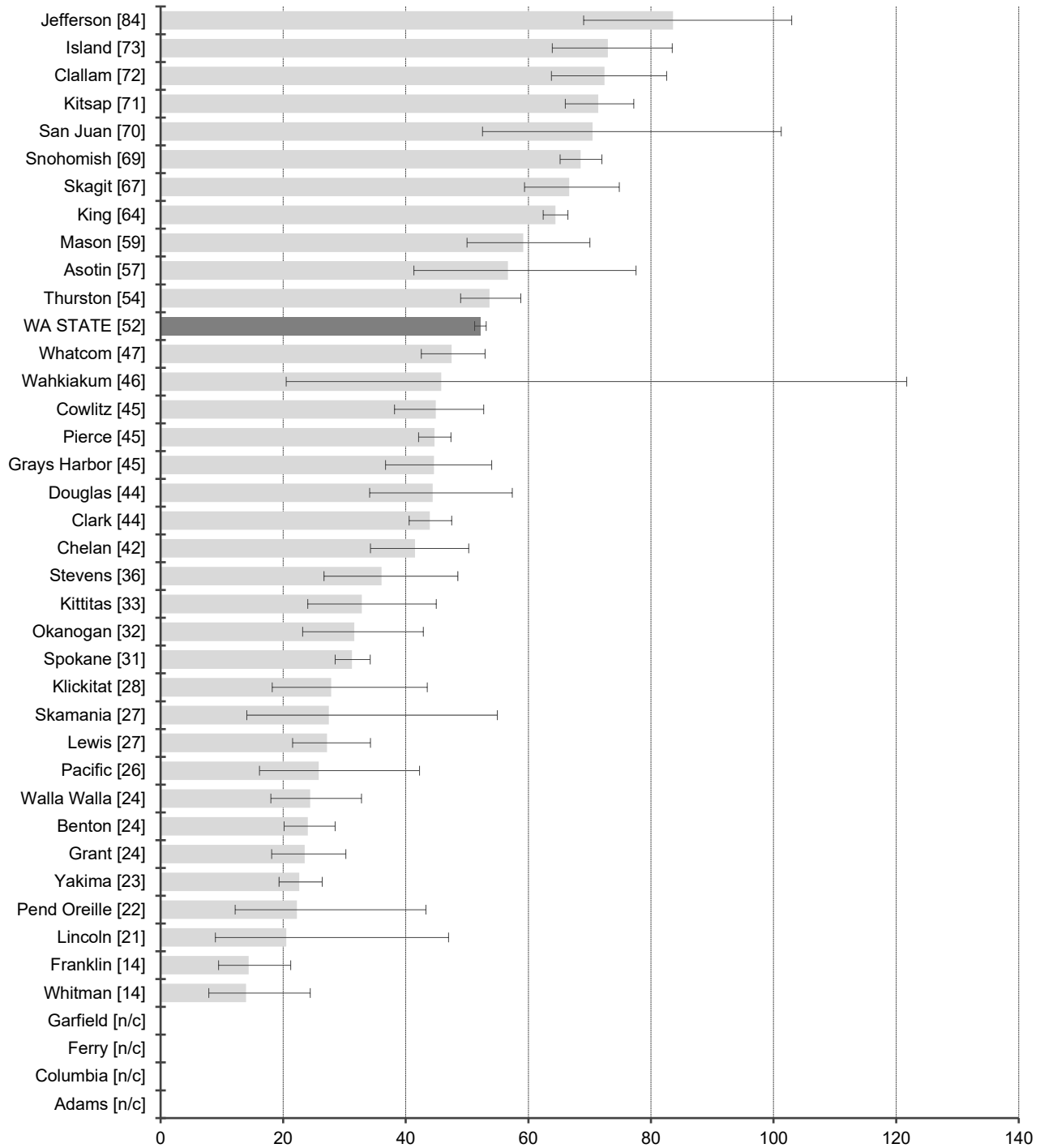
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Melanoma of the Skin

2014-2016 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 2014-2016.

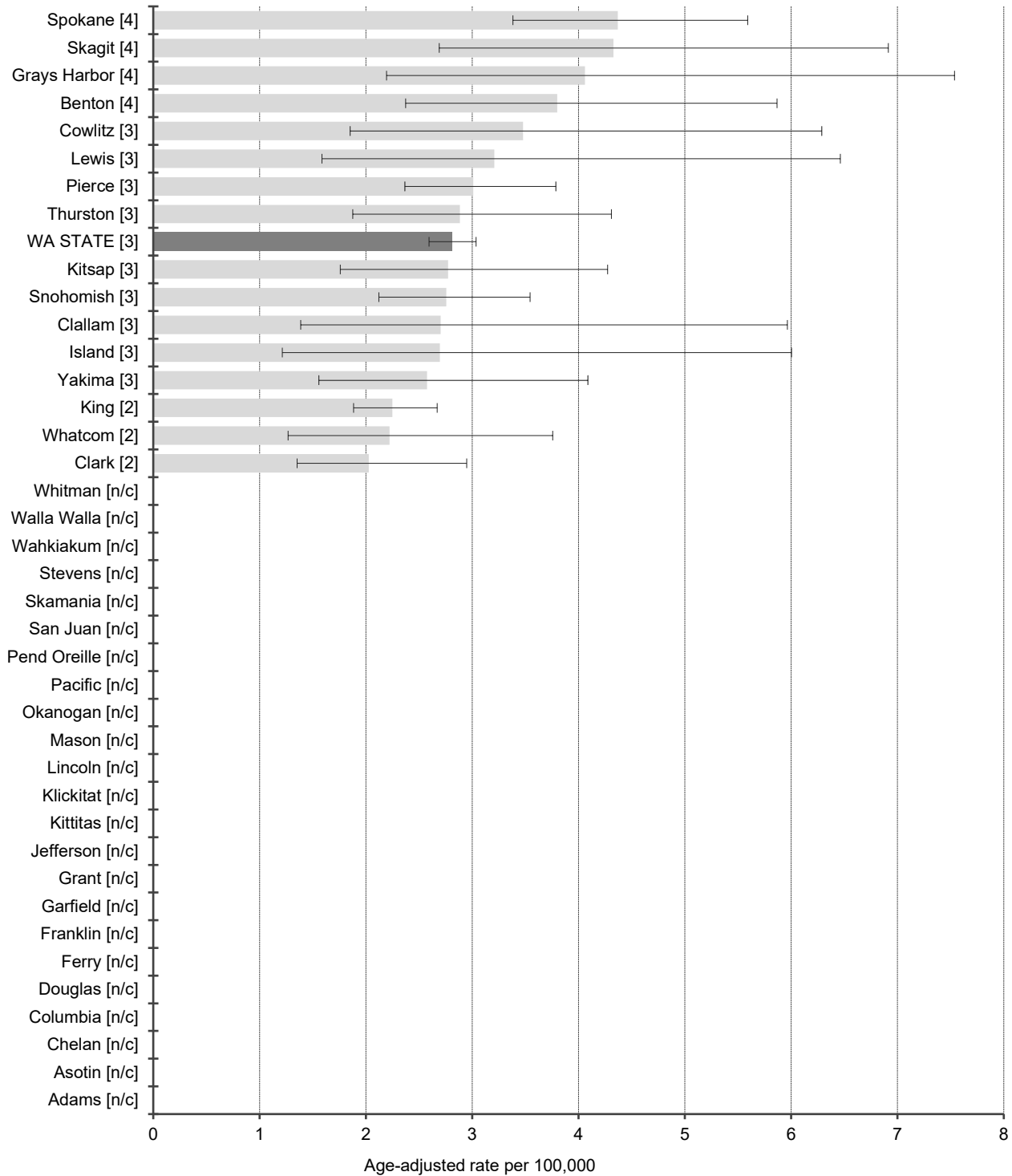
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Melanoma of the Skin

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

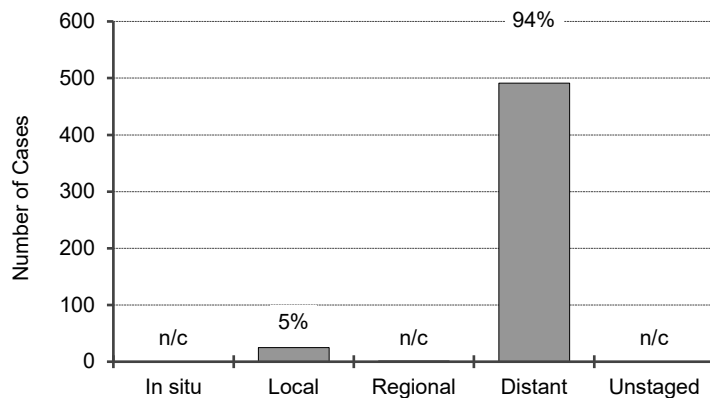
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	292	233	525
2016 Incidence Rates	7.5	5.2	6.2
2016 National Rates	7.9	5.2	6.4

Death			
	Male	Female	Total
Deaths	140	104	244
2016 Death Rates	3.8	2.4	3.0
2016 National Rates	4.1	2.6	3.2

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	76%
Regional	n/a
Distant	52%
Unstaged	n/a
Overall	53%

n/a = not available

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

Figures include only invasive cancers

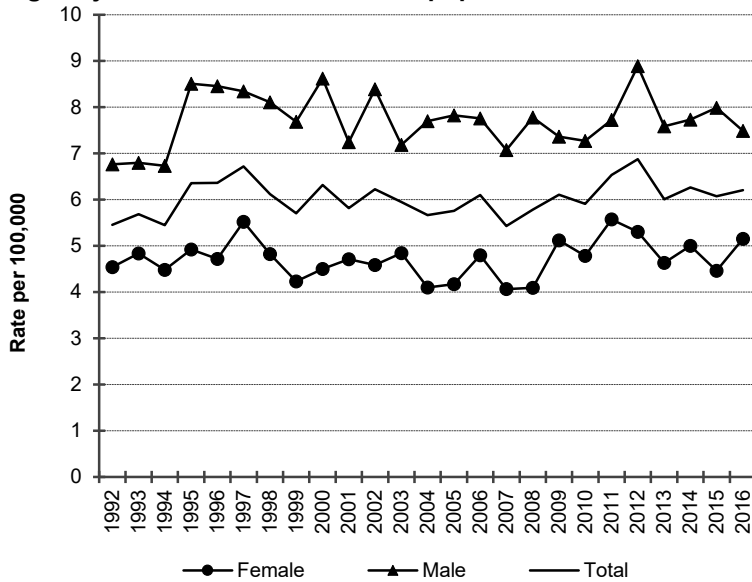
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

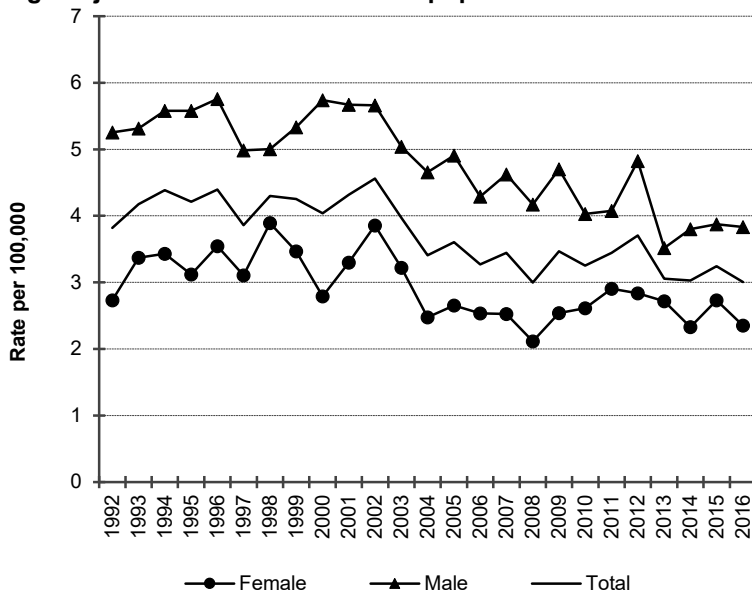
Myeloma

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 2016.
Men: Rates remained level from 1992 to 2016.
Women: Rates remained level from 1992 to 2016.

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 decreased steadily by 1.5% per year from 1992 to 2016.
Men: Rates decreased steadily by 1.7% per year from 1992 to 2016.
Women: Rates decreased steadily by 1.4% per year from 1992 to 2016.

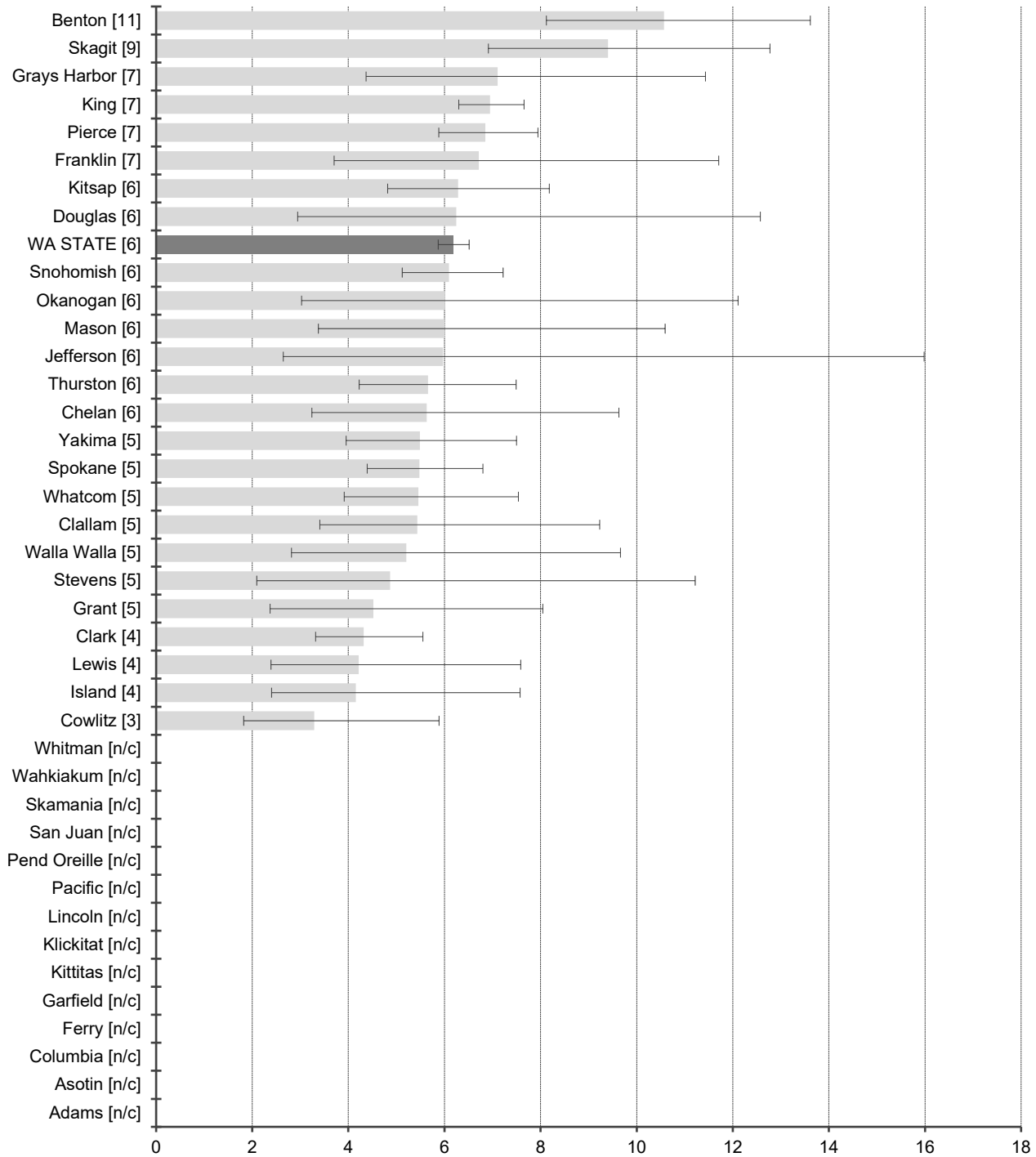
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Myeloma

2014-2016 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 2014-2016.

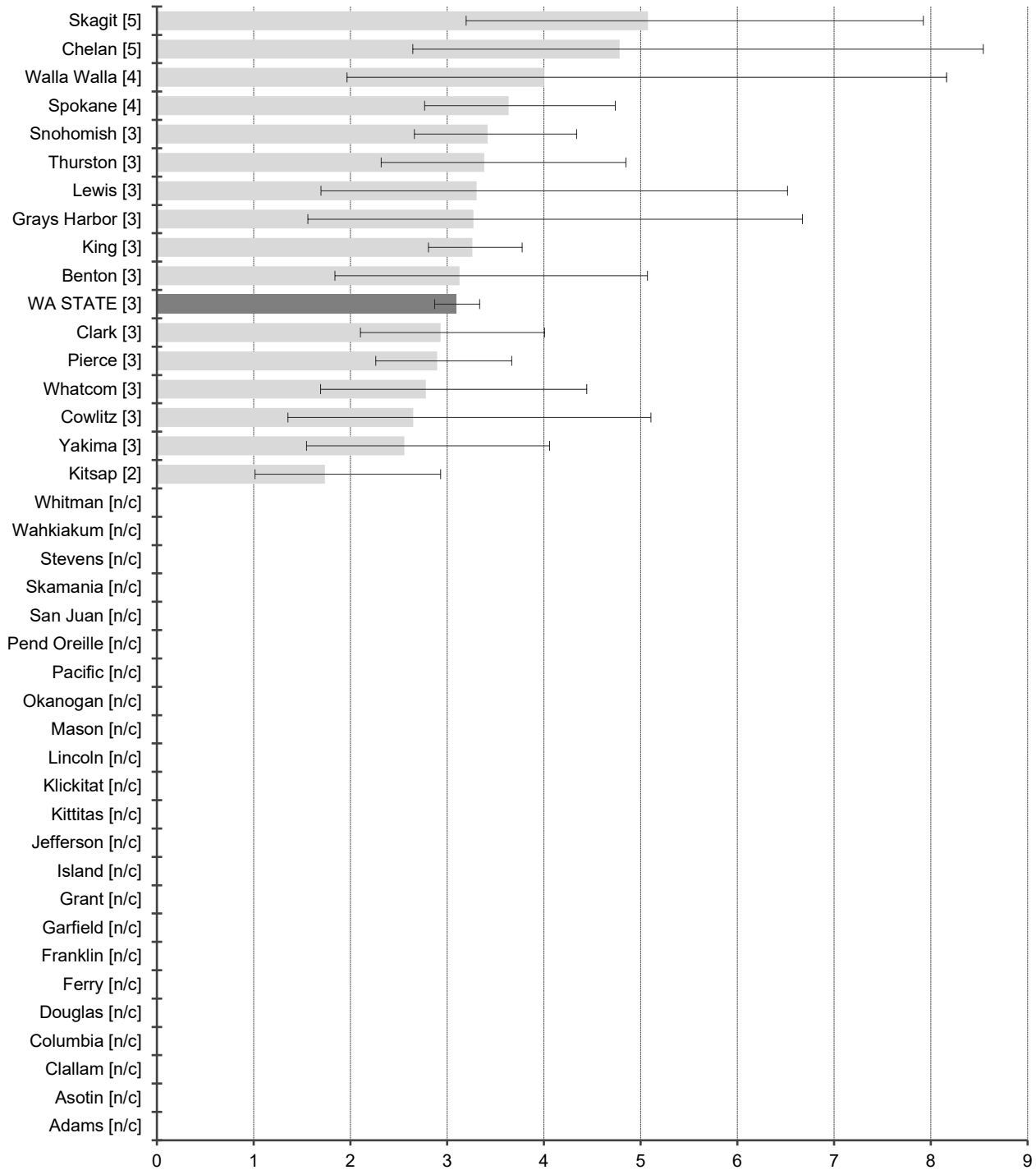
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Myeloma

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Non-Hodgkin Lymphoma

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

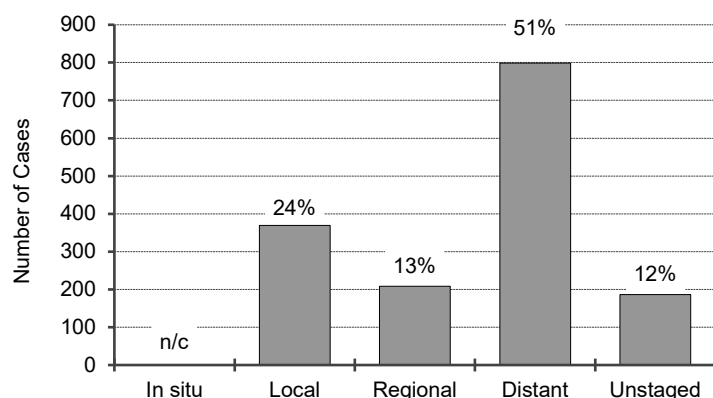
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	867	695	1,562
2016 Incidence Rates	22.7	15.9	18.9
2016 National Rates	21.6	15.2	18.1

Death			
	Male	Female	Total
Deaths	277	175	452
2016 Death Rates	7.7	4.0	5.6
2016 National Rates	6.9	4.2	5.4

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	85%
Regional	75%
Distant	65%
Unstaged	69%
Overall	72%

n/a = not available

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

Figures include only invasive cancers

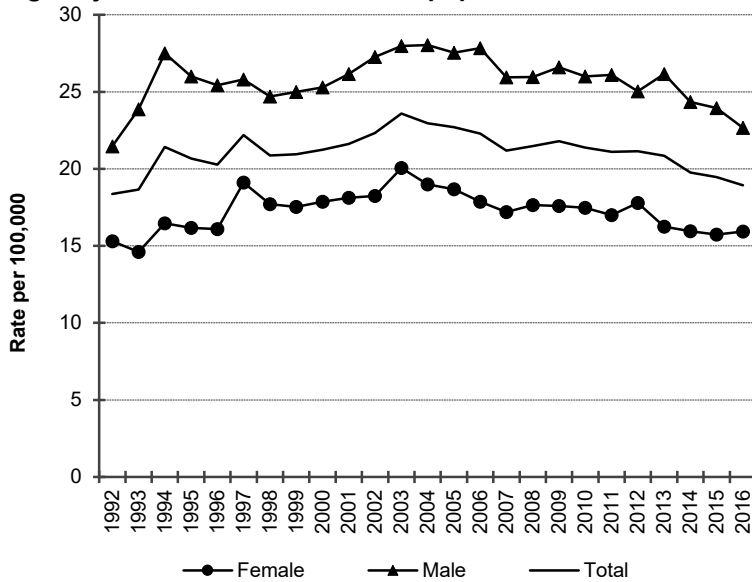
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Non-Hodgkin Lymphoma

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



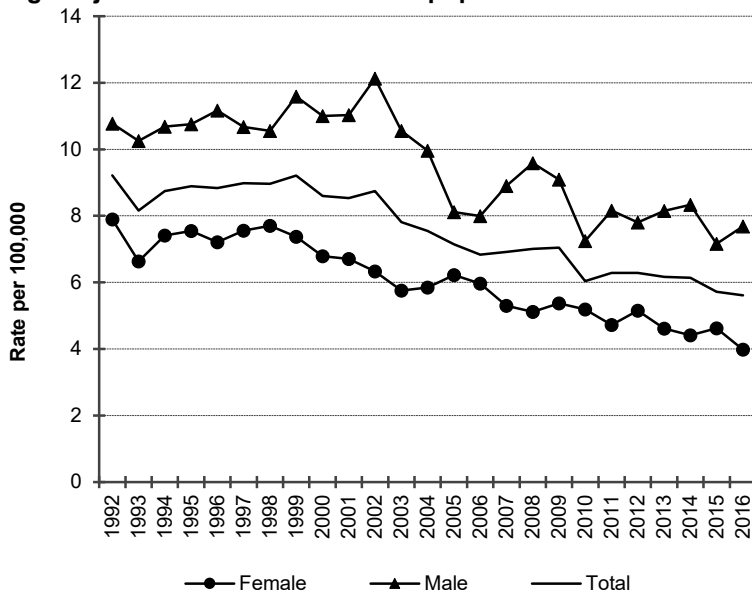
For Non-Hodgkin Lymphoma age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased steadily by 1.5% per year from 1992 to 2004; decreased steadily by 1.4% per year since 2004.

Men: Rates increased sharply by 12.0% per year from 1992 to 1994; remained level from 1994 to 1999; increased steadily by 3.3% per year from 1999 to 2003; decreased steadily by 1.0% per year from 2003 to 2013; decreased steadily by 3.5% per year since 2013.

Women: Rates increased steadily by 2.0% per year from 1992 to 2003; decreased steadily by 1.5% 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 2.7% per year since 1999.

Men: Rates remained level from 1992 to 2002; remained level from 2002 to 2005; decreased steadily by 1.3% per year since 2005..

Women: Rates remained level from 1992 to 1998; decreased steadily by 3.1% per year since 1998.

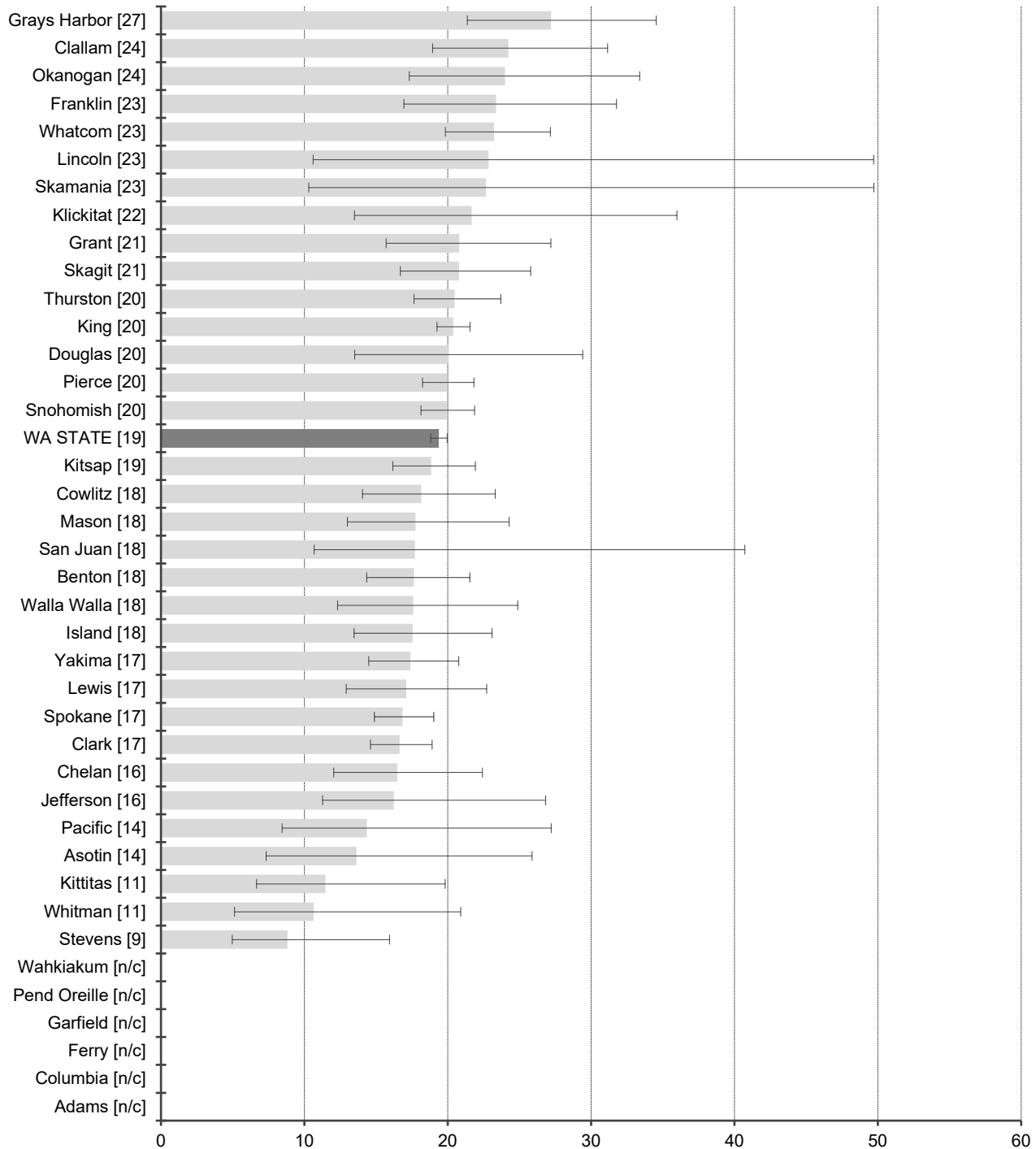
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Non-Hodgkin Lymphoma

2014-2016 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 2014-2016.

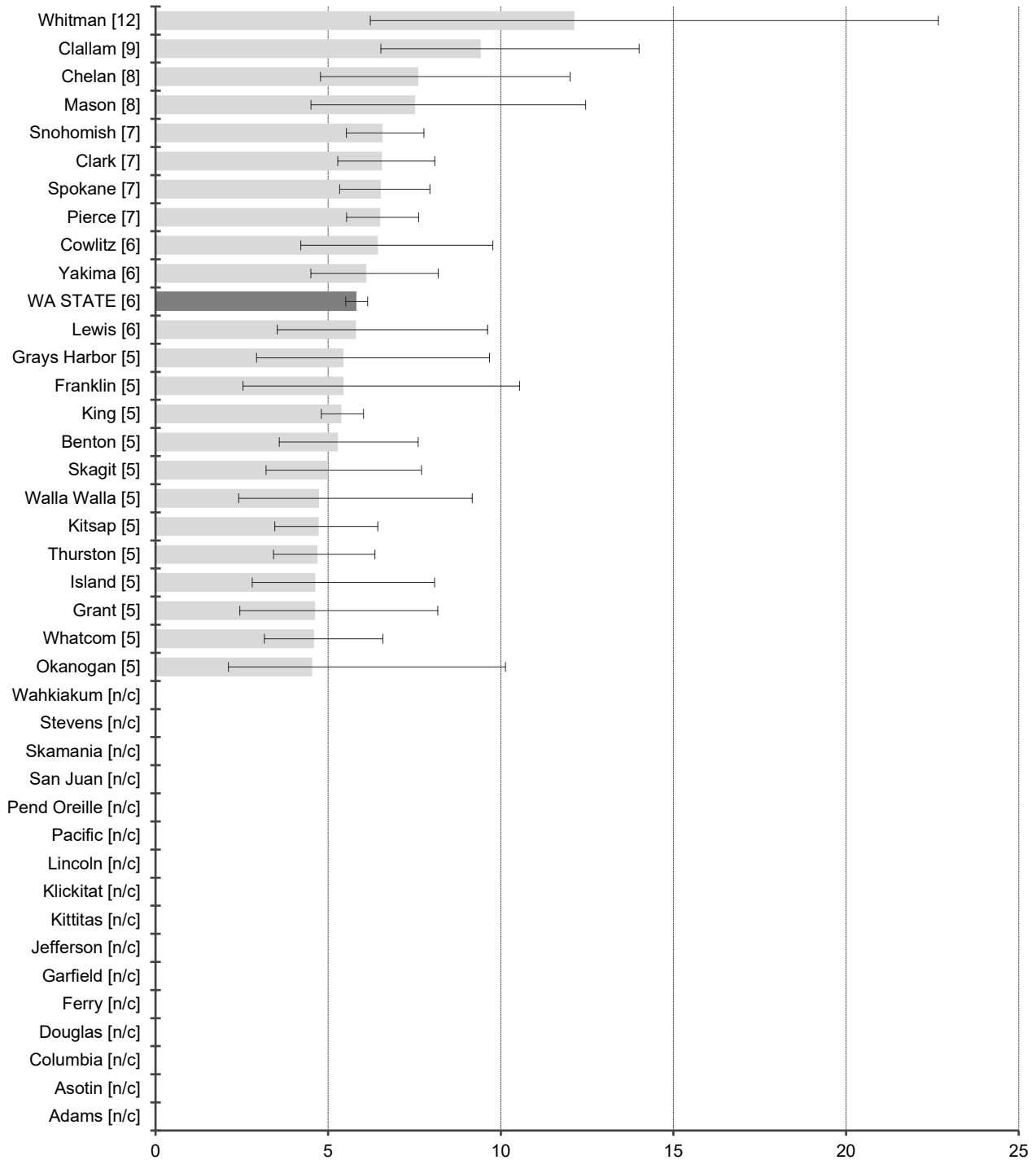
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Non-Hodgkin Lymphoma

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Oral Cavity and Pharynx

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C00.0-C14.8, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

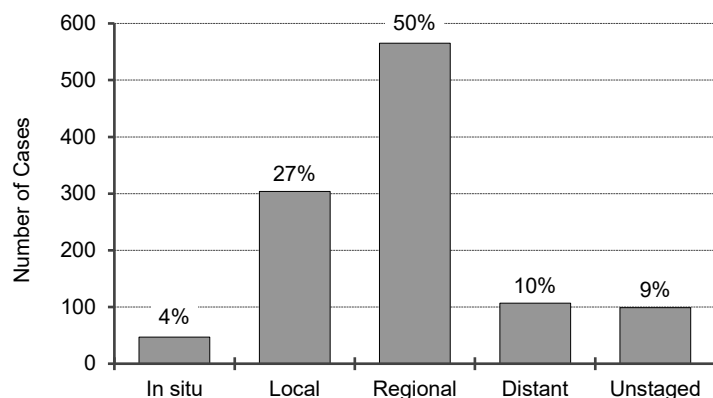
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	782	340	1,122
2016 Incidence Rates	18.8	7.8	13.1
2016 National Rates	18.0	6.5	11.9

Death			
	Male	Female	Total
Deaths	156	73	229
2016 Death Rates	3.9	1.6	2.7
2016 National Rates	4.0	1.4	2.6

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	91%
Local	84%
Regional	66%
Distant	40%
Unstaged	53%
Overall	66%

Figures include in situ and invasive cancers

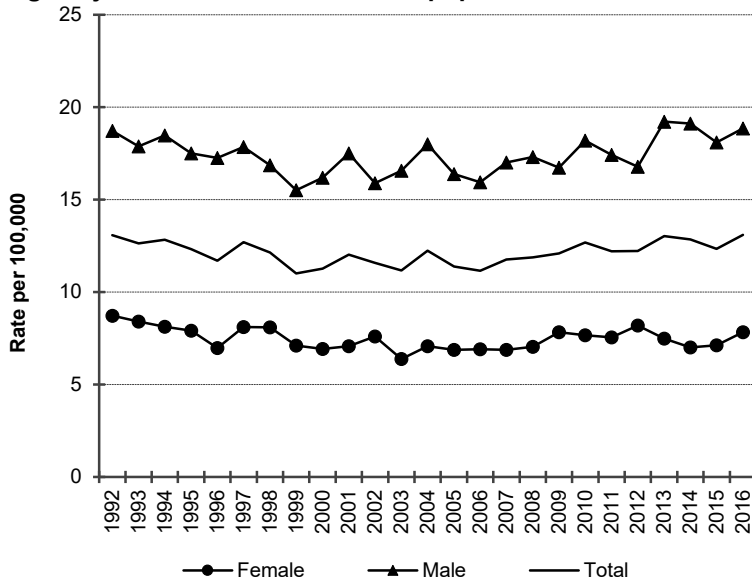
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Oral Cavity and Pharynx

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



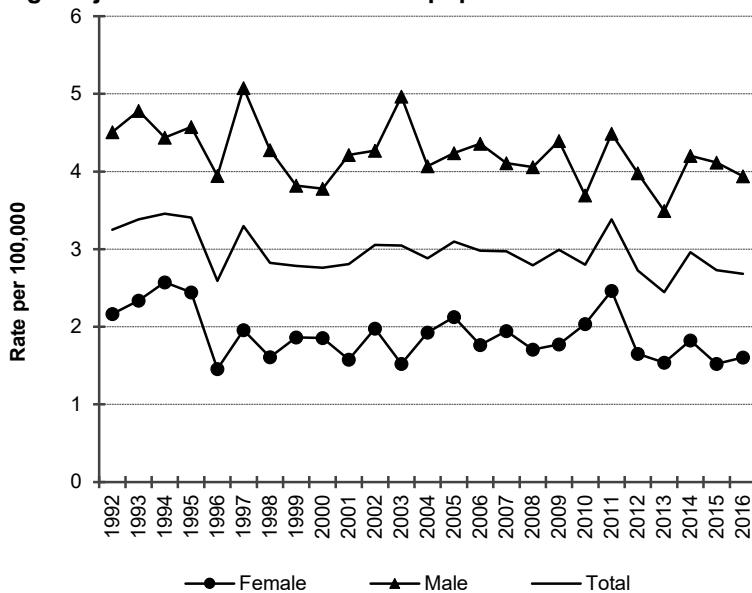
For oral cavity and pharyngeal cancer age-adjusted incidence rates have changed as follows.

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

Men: Rates decreased steadily by 1.9% per year from 1992 to 2000; increased slightly by 0.9% per year since 2000.

Women: Rates decreased steadily by 1.9% per year from 1992 to 2003; increased slightly by 0.9% per year since 2003.

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 decreased slightly by 0.6% per year from 1992 to 2016.

Men: Rates decreased slightly by 0.5% per year from 1992 to 2016.

Women: Rates decreased steadily by 1.0% per year from 1992 to 2016.

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 2019.

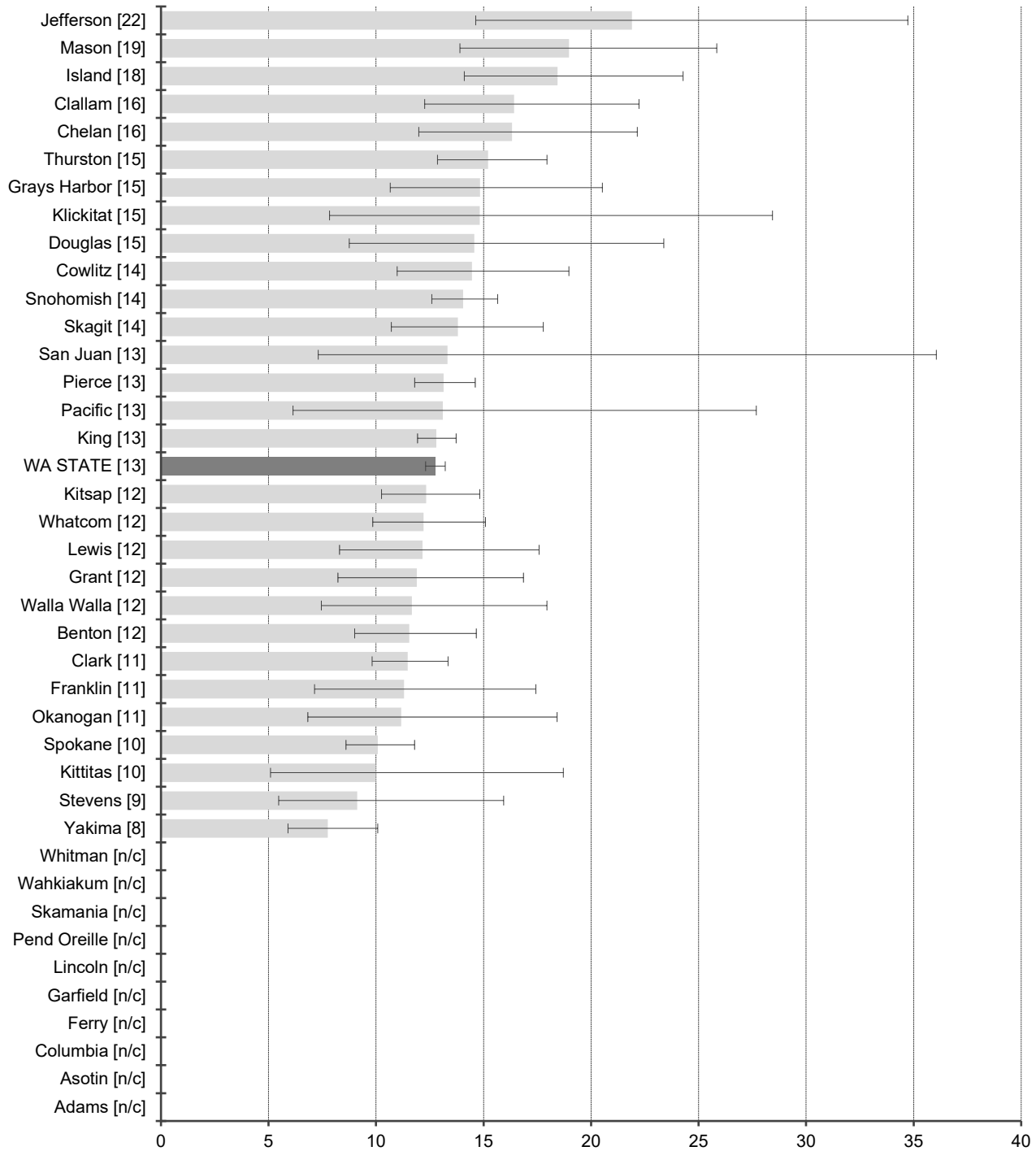
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Oral Cavity and Pharynx

2014-2016 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 2014-2016.

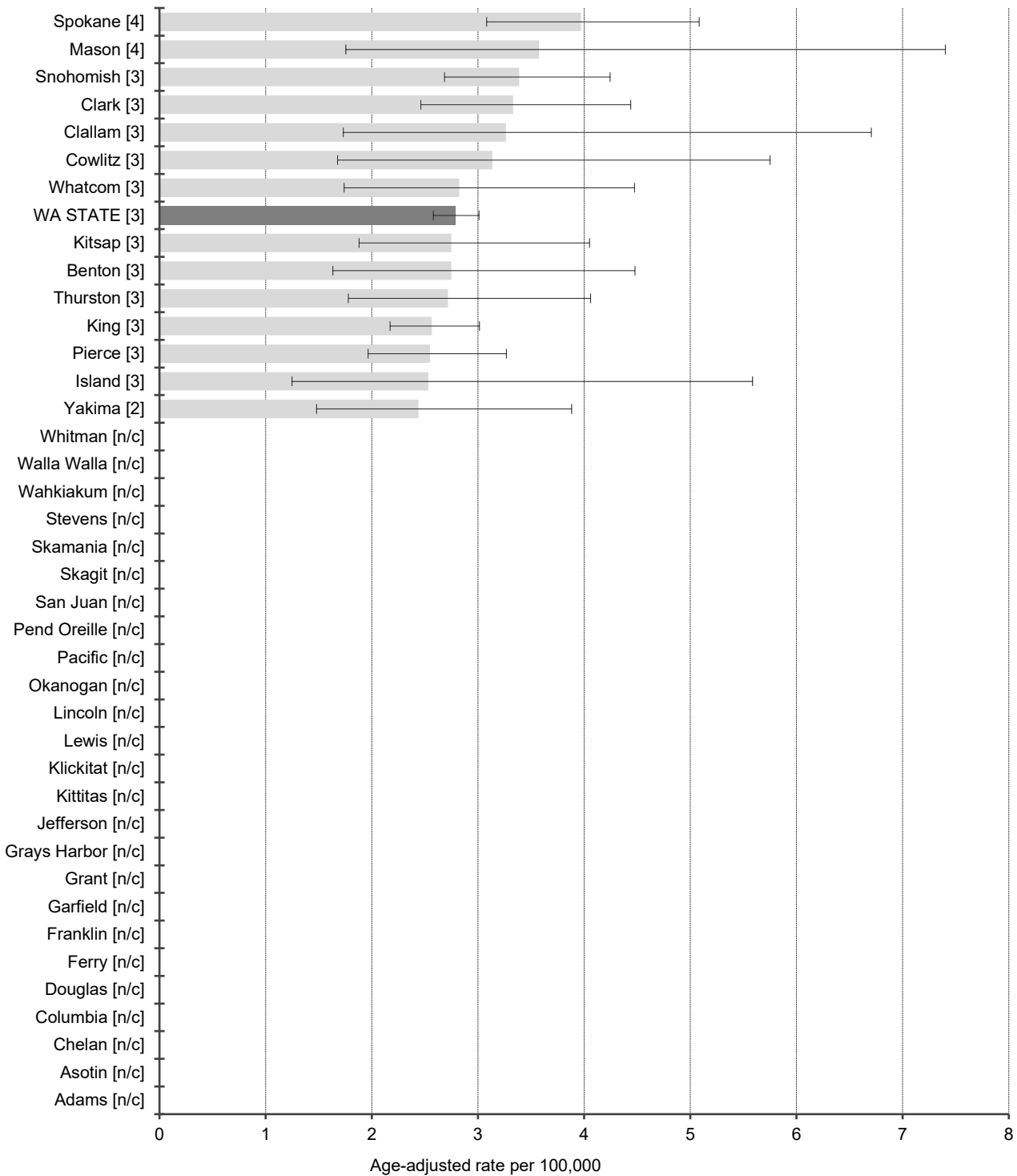
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Oral Cavity and Pharynx

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Ovary

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C56.9, excluding histology codes 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 (1999-2016).

2016 Washington State Female Residents

Incidence and Death Summary by Sex

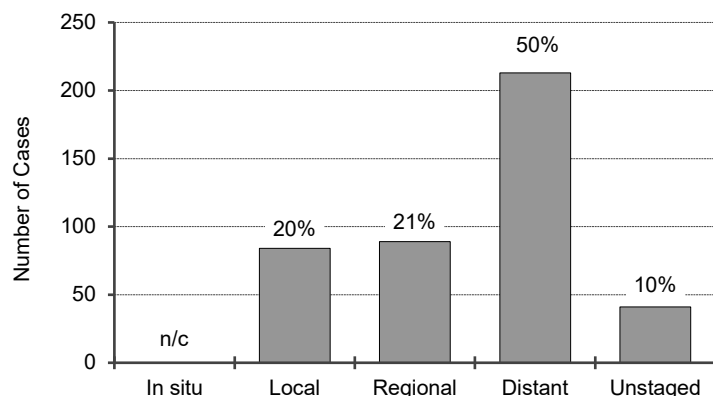
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	430	n/a
2016 Incidence Rates	n/a	9.9	n/a
2016 National Rates	n/a	10.2	n/a

Death			
	Male	Female	Total
Deaths	n/a	332	n/a
2016 Death Rates	n/a	7.4	n/a
2016 National Rates	n/a	6.8	n/a

Stage at Diagnosis

2016 Washington State Female Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	96%
Local	91%
Regional	75%
Distant	30%
Unstaged	23%
Overall	48%

n/a - Not available for sex-specific sites.

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

Figures include in situ and invasive cancers

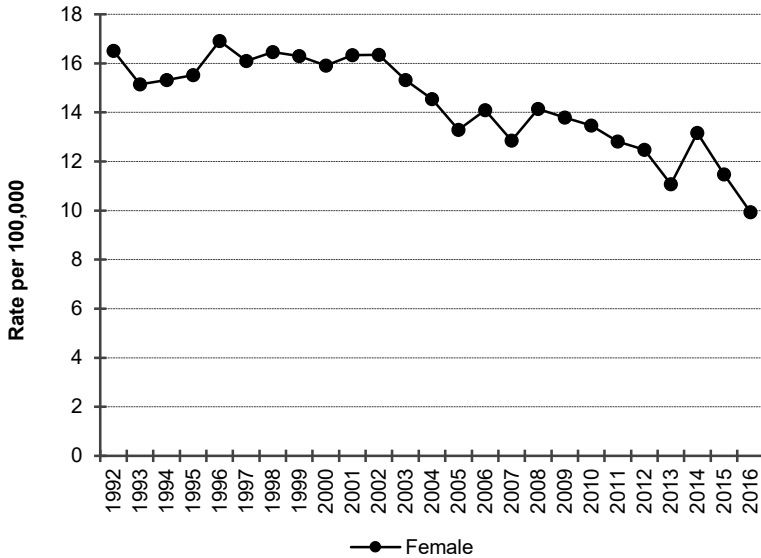
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

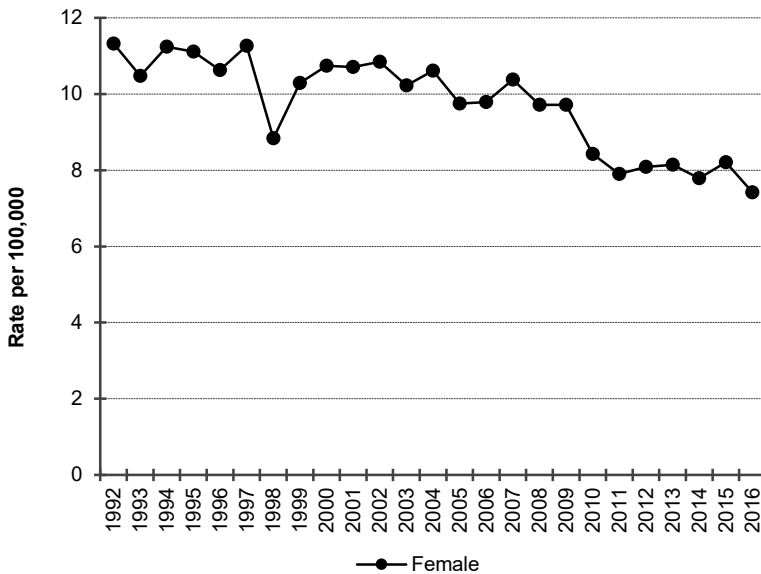
Ovary

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 2000; rates decreased steadily by 2.4% per year since 2000.

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 2007; rates decreased steadily by 3.3% per year since 2007.

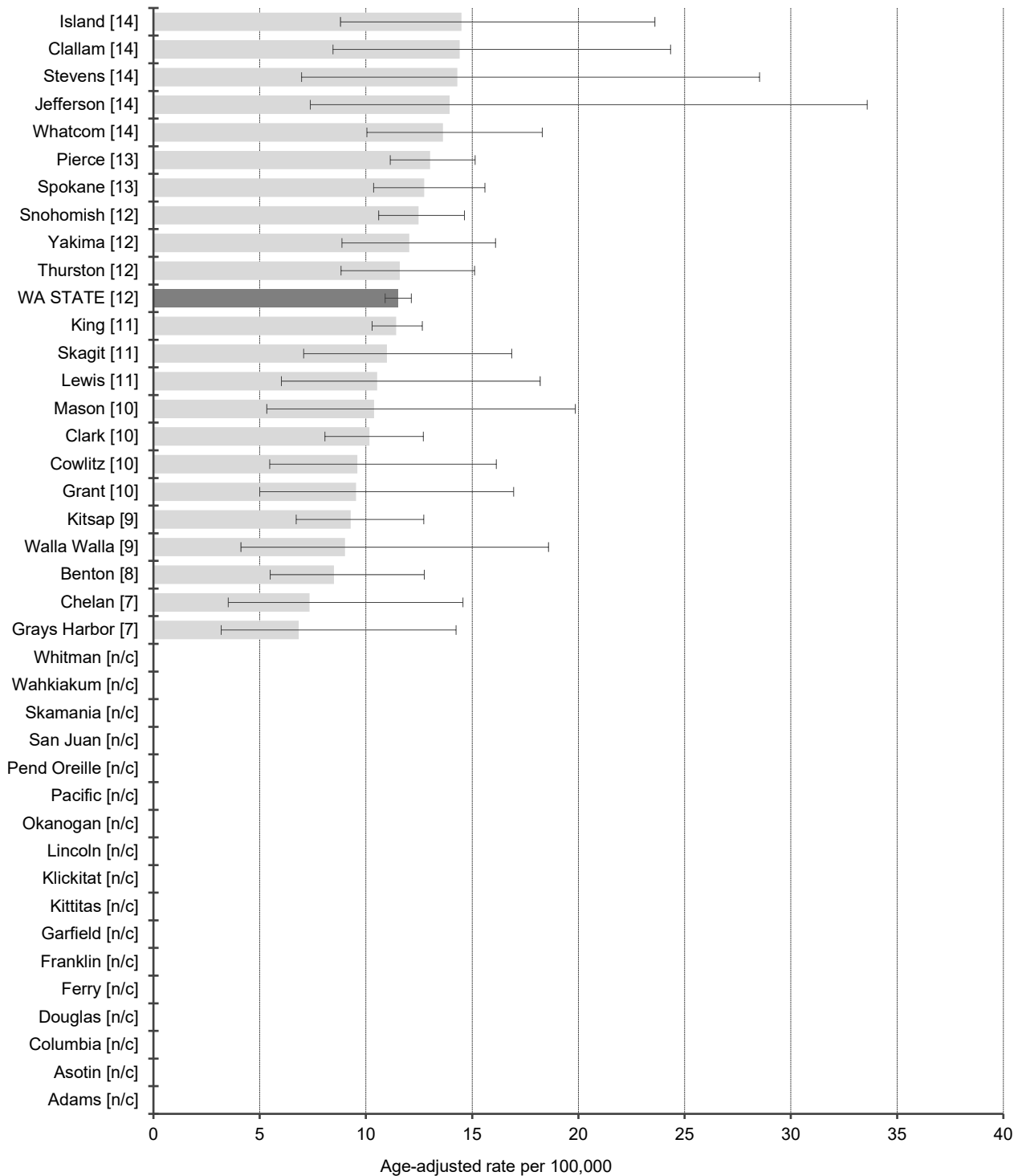
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Ovary

2014-2016 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 2014-2016.

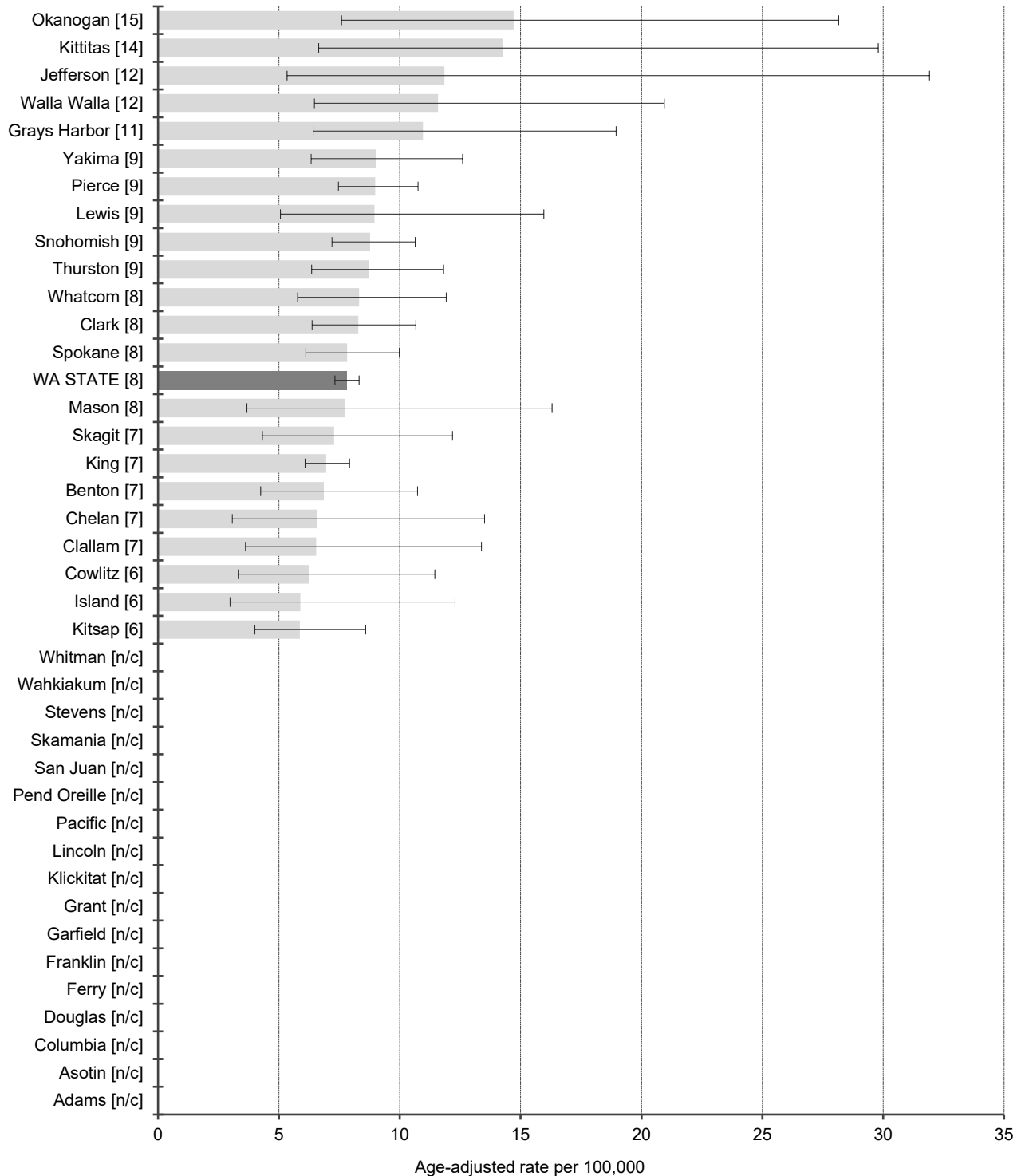
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Ovary

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

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 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

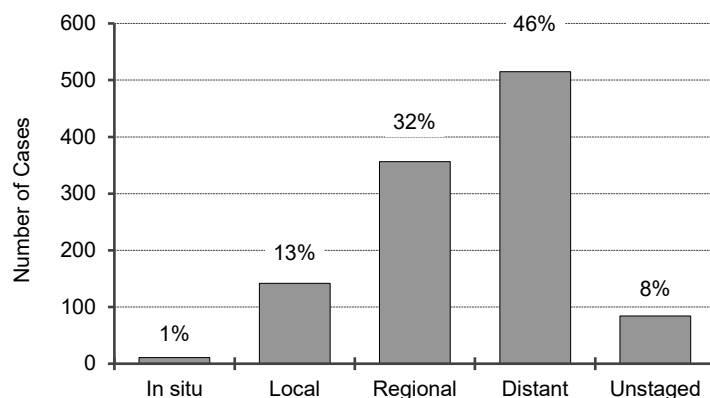
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	574	534	1,108
2016 Incidence Rates	14.6	11.8	13.1
2016 National Rates	13.9	10.8	12.2

Death			
	Male	Female	Total
Deaths	452	414	866
2016 Death Rates	11.8	9.0	10.2
2016 National Rates	12.7	9.7	11.0

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	90%
Local	40%
Regional	13%
Distant	3%
Unstaged	5%
Overall	10%

Figures include in situ and invasive cancers

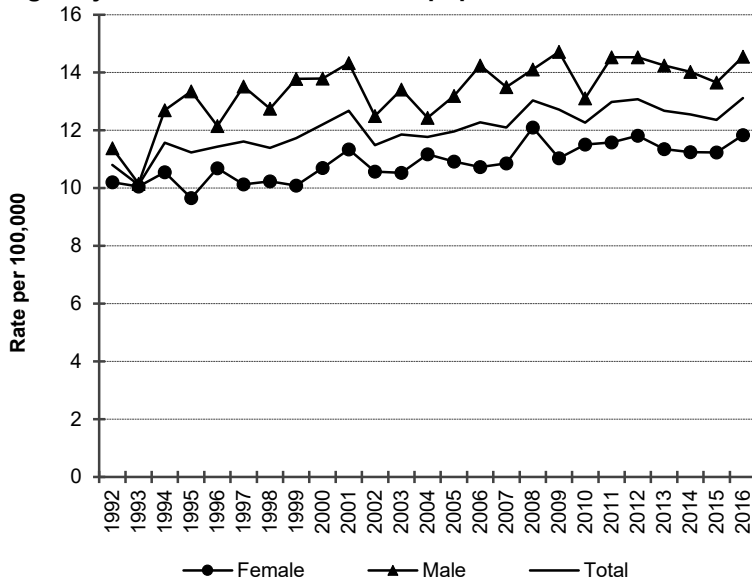
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Pancreas

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



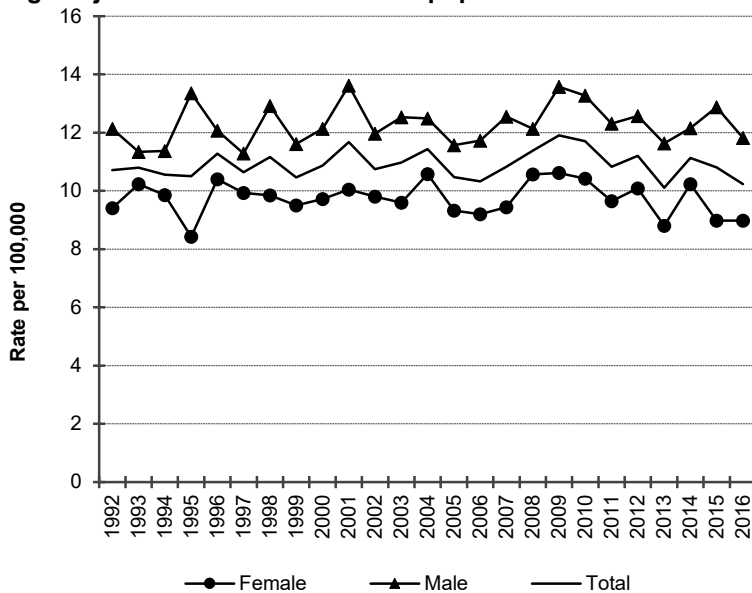
For pancreatic cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased slightly by 0.7% per year from 1992 to 2016.

Men: Rates increased slightly by 0.7% per year from 1992 to 2016.

Women: Rates increased slightly by 0.6% per year from 1992 to 2016.

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 2016.

Men: Rates remained level from 1992 to 2016.

Women: Rates remained level from 1992 to 2016.

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 2019.

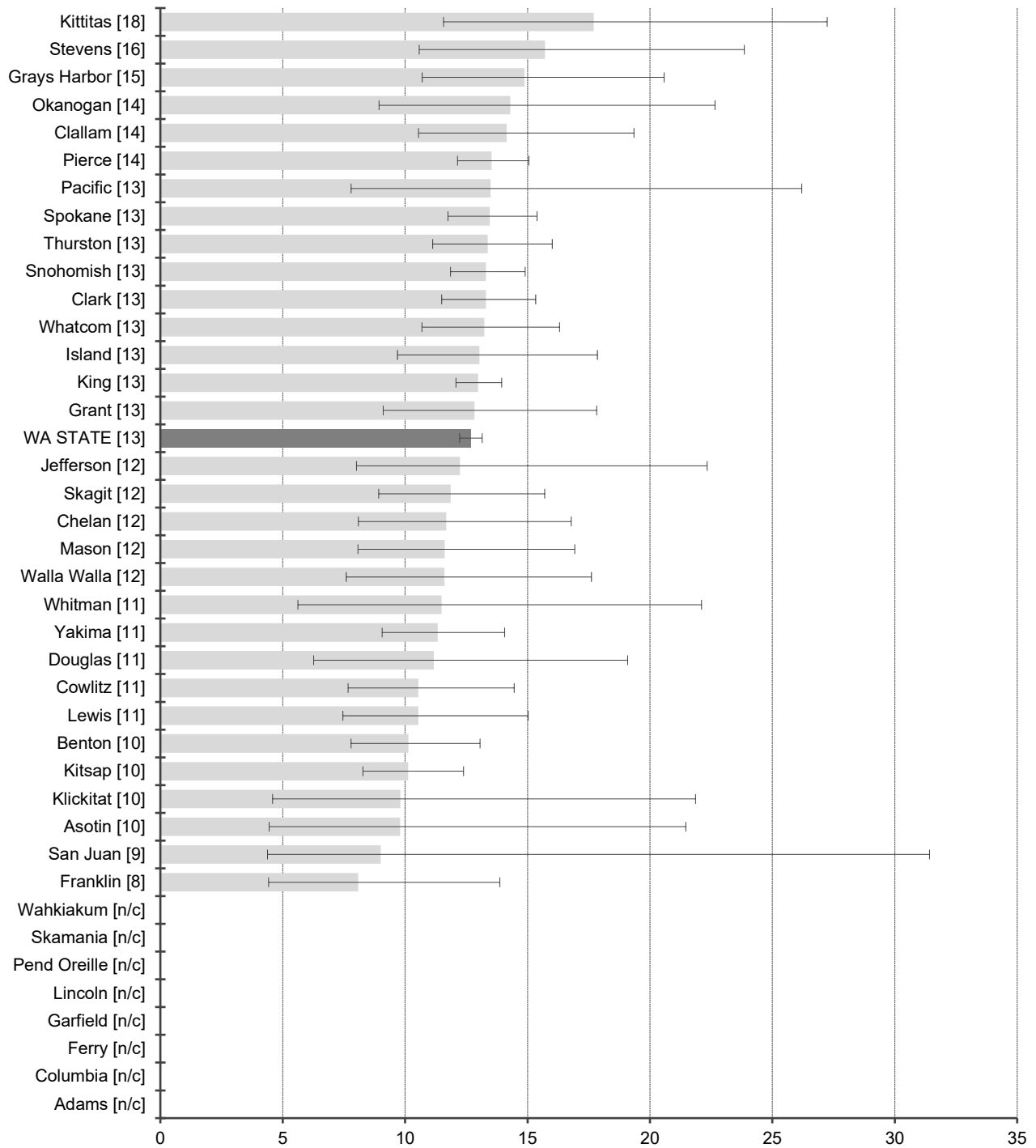
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Pancreas

2014-2016 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 2014-2016.

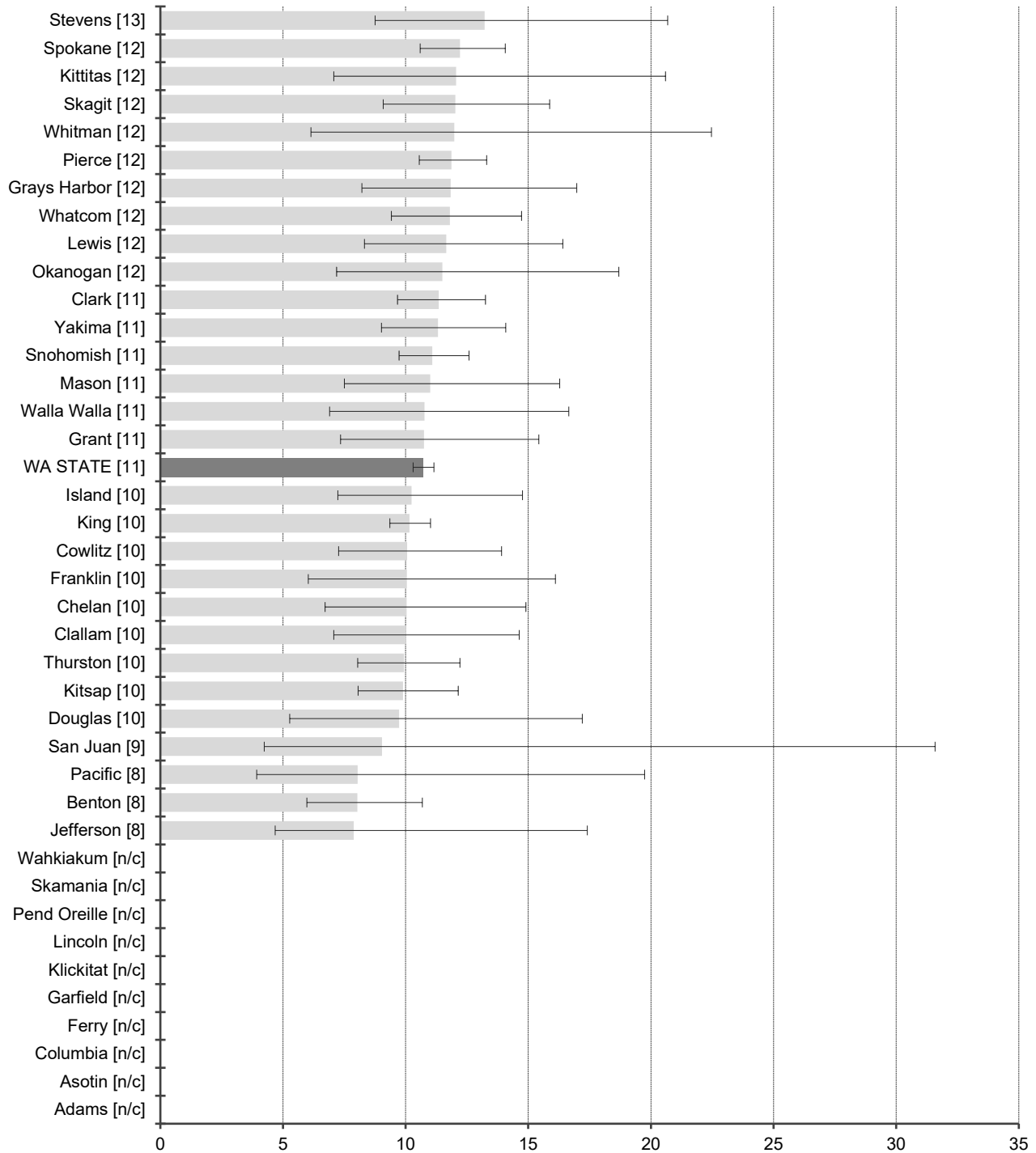
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Pancreas

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Prostate

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C61.9, excluding histology codes 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 (1999-2016).

2016 Washington State Male Residents

Incidence and Death Summary by Sex

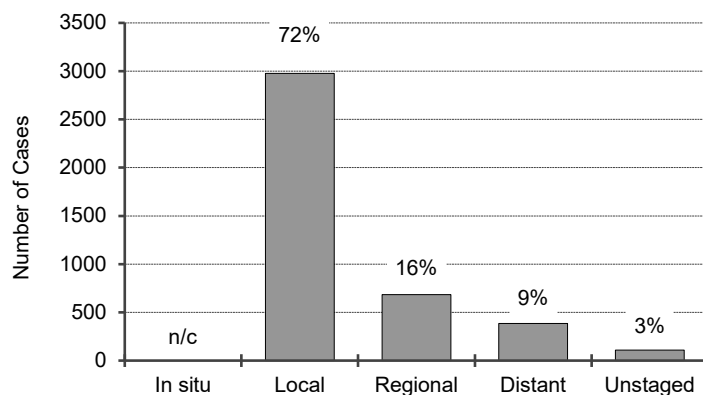
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	4,158	n/a	n/a
2016 Incidence Rates	96.7	n/a	n/a
2016 National Rates	100.0	n/a	n/a

Death			
	Male	Female	Total
Deaths	686	n/a	n/a
2016 Death Rates	20.2	n/a	n/a
2016 National Rates	19.4	n/a	n/a

Stage at Diagnosis

2016 Washington State Male Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	100%
Regional	100%
Distant	30%
Unstaged	80%
Overall	98%

n/a = not available

n/a - Not available for sex-specific sites.

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

Figures include in situ and invasive cancers

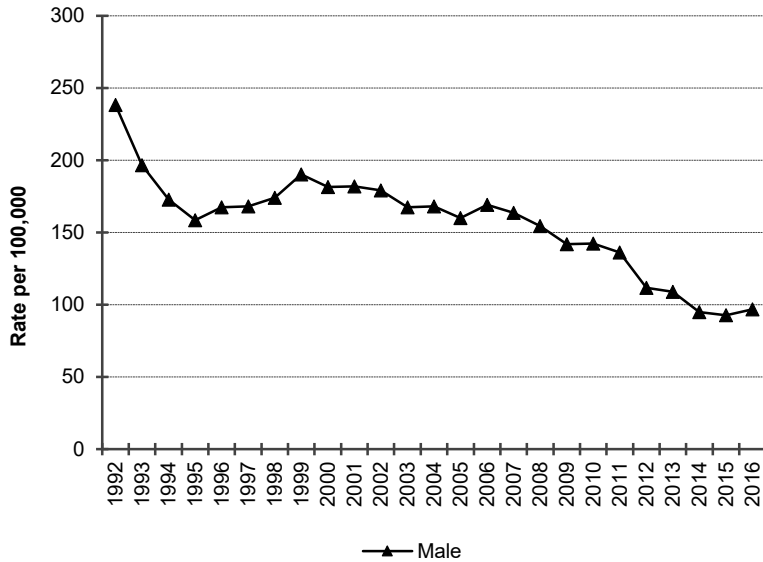
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

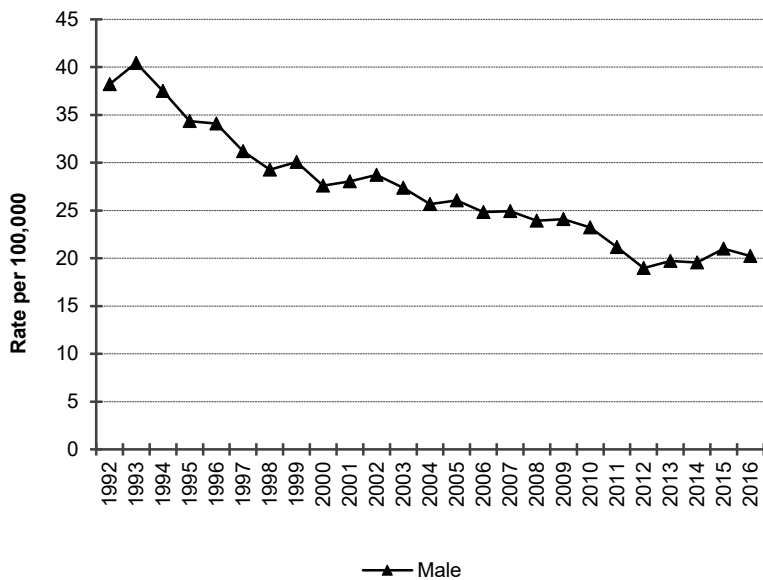
Prostate

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 12.7% per year from 1992 to 1995; rates remained level from 1995 to 1999; rates decreased steadily by 2.3% per year from 1999 to 2010; rates decreased sharply by 10.3% per year from 2010 to 2014; rates remained level since 2014.

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 2.0% per year from 1998 to 2009; rates remained level from 2009 to 2012; rates remained level from 2012 to 2016.

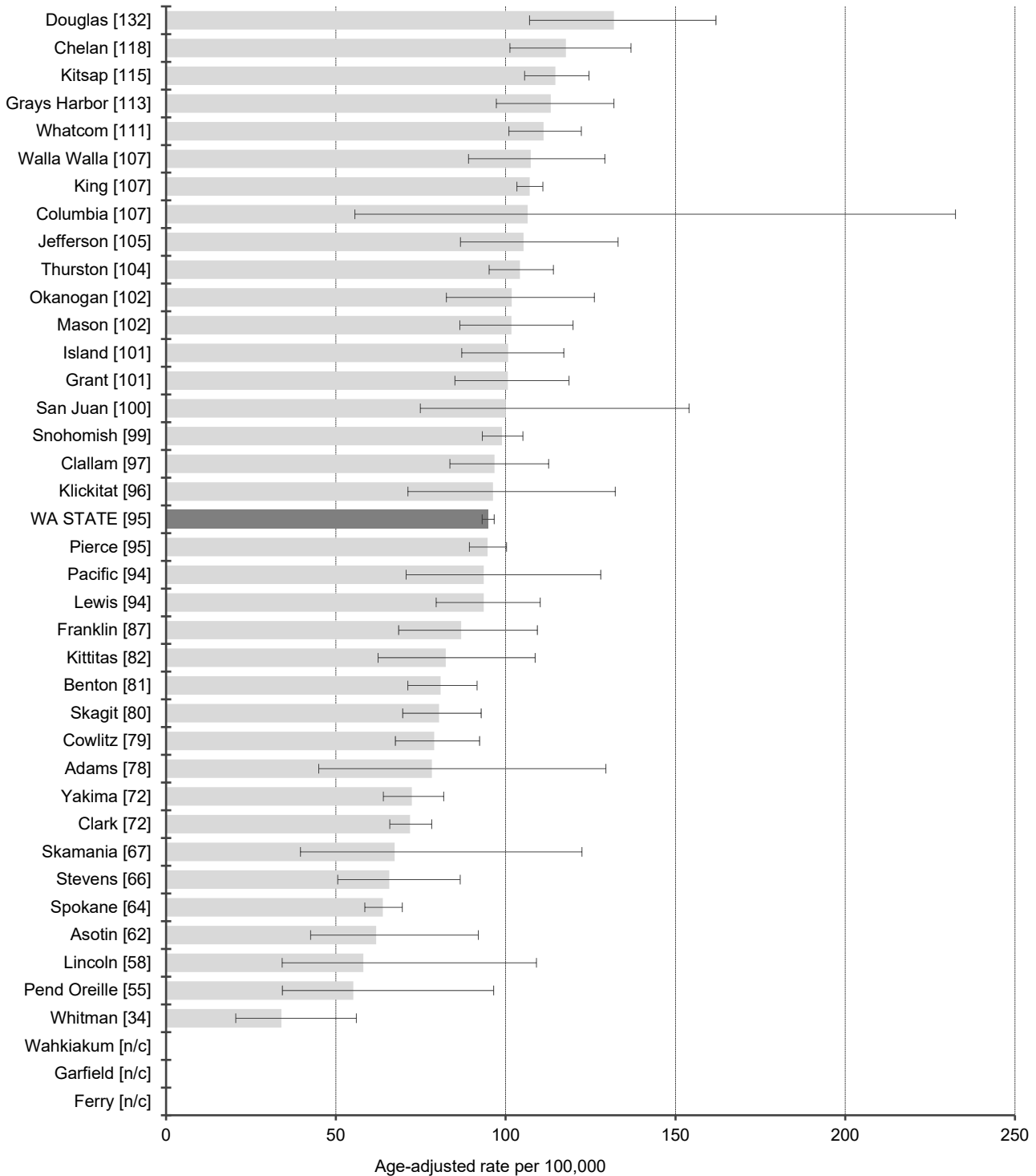
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Prostate

2014-2016 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 2014-2016.

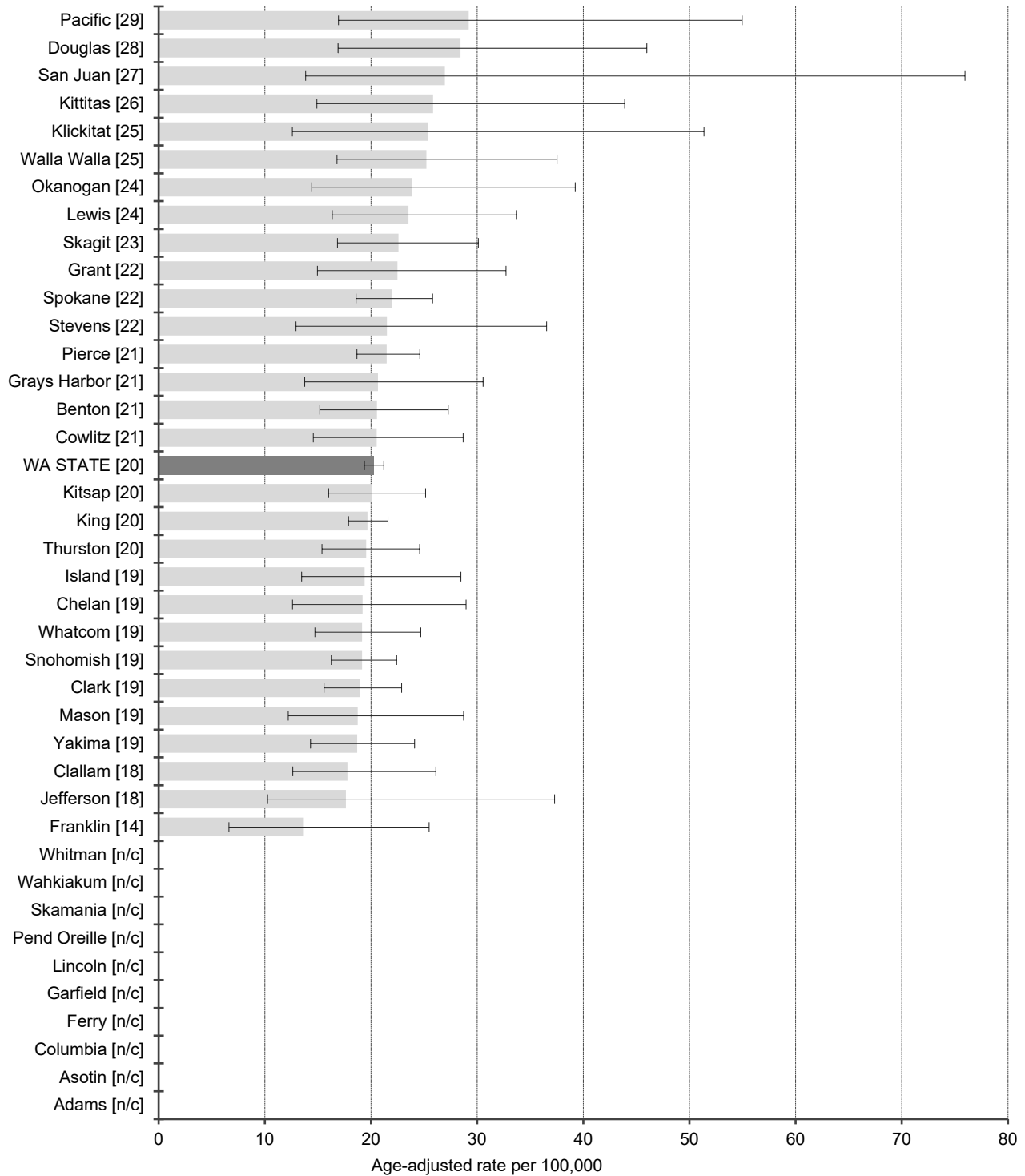
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Prostate

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Soft Tissue Including Heart

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C38.0, C47.0-C47.9, C49.0-C49.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

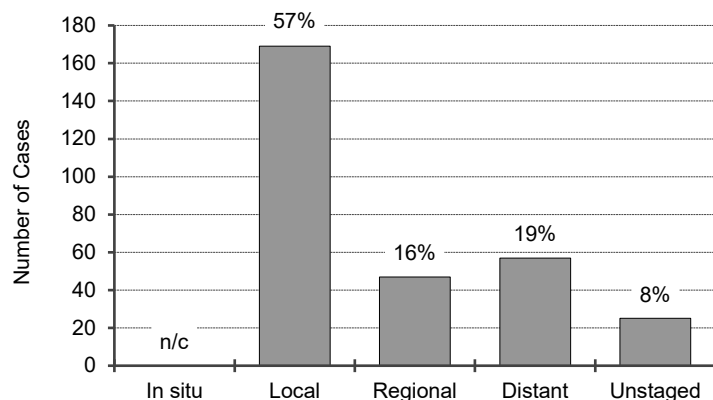
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	189	110	299
2016 Incidence Rates	5.1	2.7	3.8
2016 National Rates	3.9	2.8	3.3

Death			
	Male	Female	Total
Deaths	68	57	125
2016 Death Rates	1.8	1.3	1.5
2016 National Rates	1.5	1.2	1.3

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	81%
Regional	55%
Distant	16%
Unstaged	55%
Overall	65%

n/a = not available

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

Figures include only invasive cancers

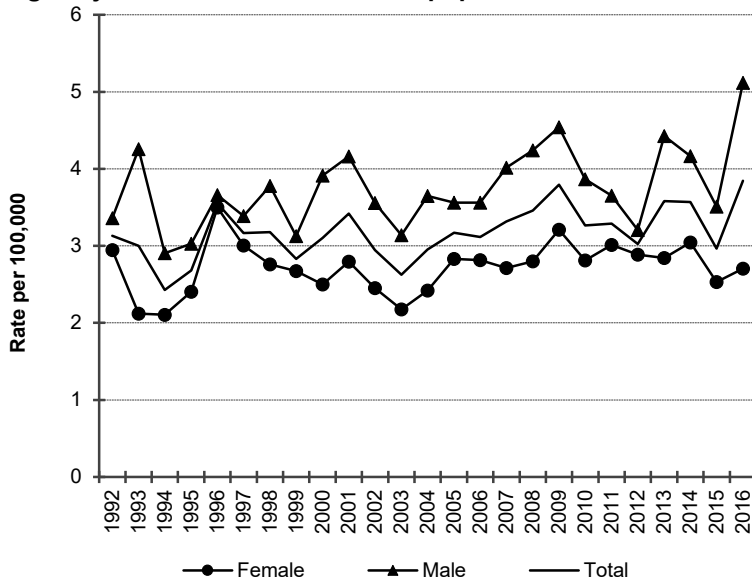
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Soft Tissue Including Heart

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



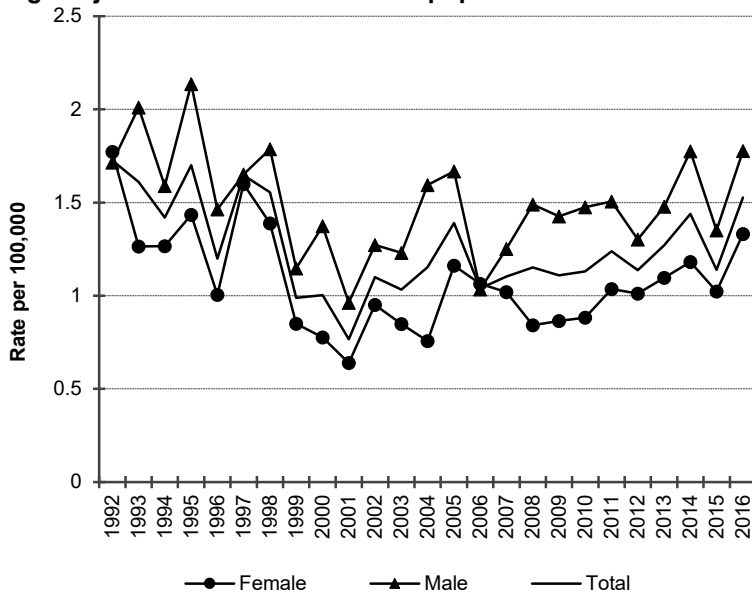
For soft tissue including heart age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased slightly by 0.8% per year from 1992 to 2016.

Men: Rates increased steadily by 1.0% per year from 1992 to 2016.

Women: Rates remained level from 1992 to 2016.

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 6.0% per year from 1992 to 2001; increased steadily by 1.8% per year since 2001.

Men: Rates decreased sharply by 4.9% per year from 1992 to 2001; remained level since 2001.

Women: Rates decreased sharply by 7.3% per year from 1992 to 2001; increased steadily by 2.1% per year since 2001.

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 2019.

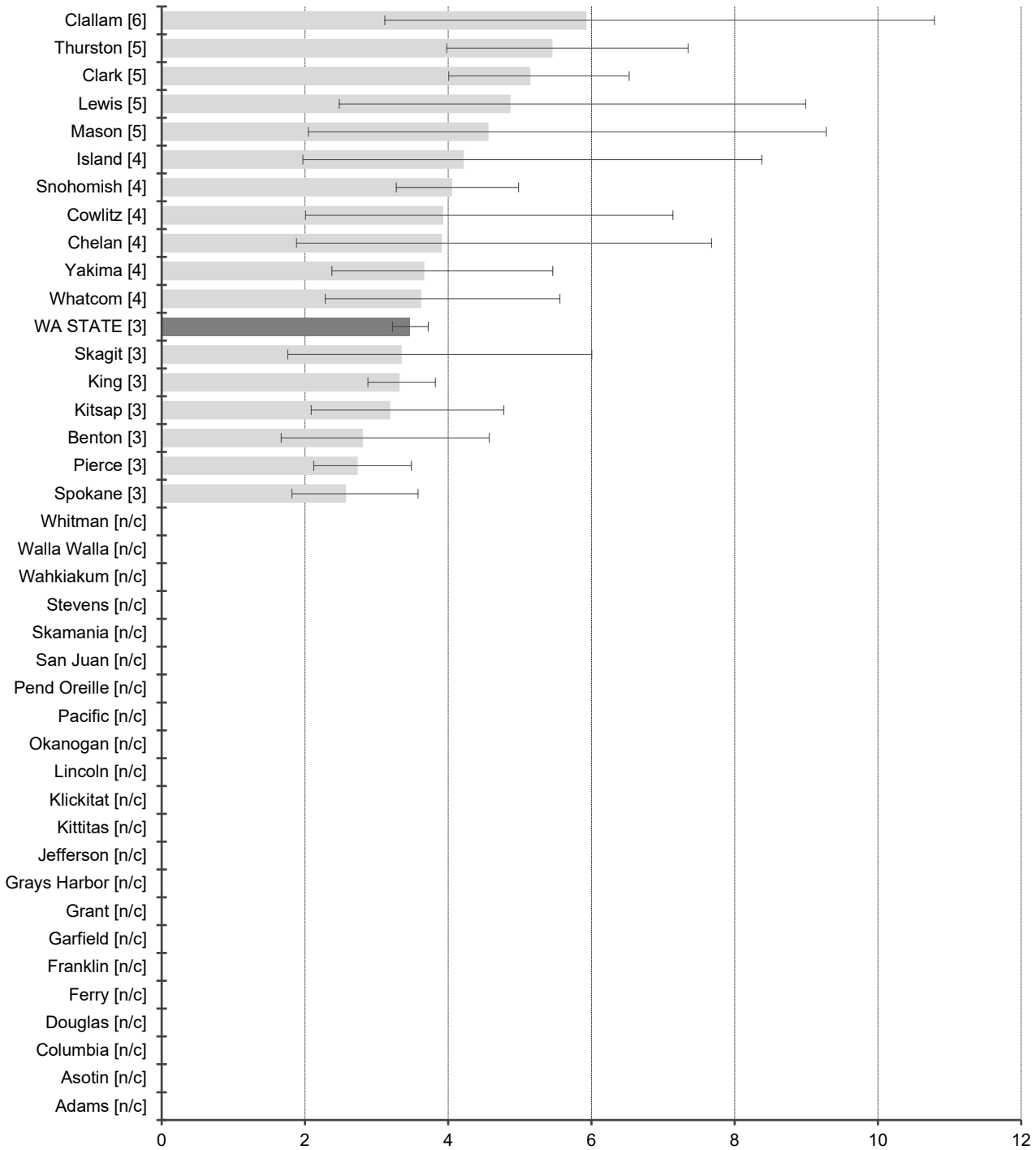
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Soft Tissue Including Heart

2014-2016 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 2014-2016.

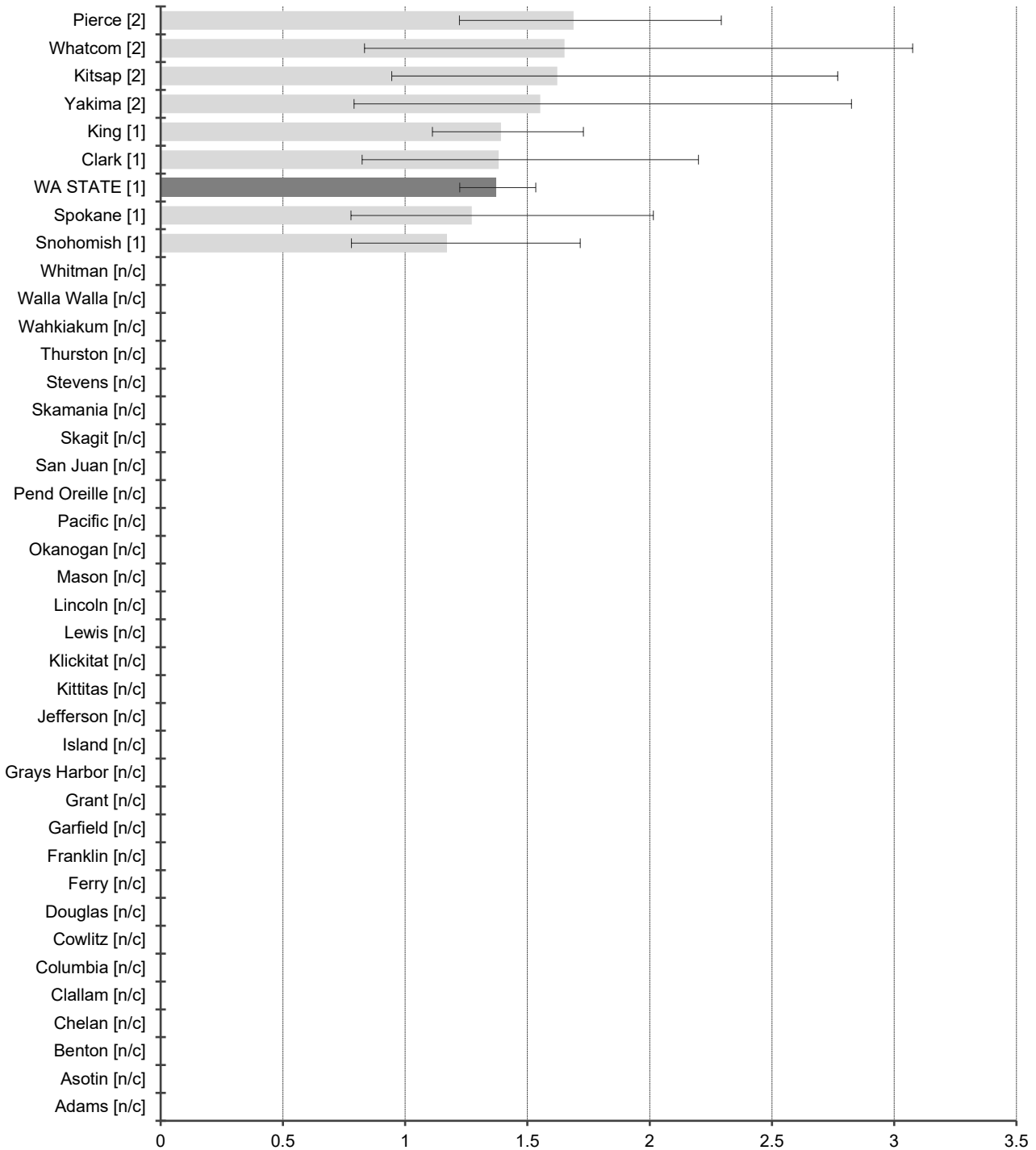
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Soft Tissue Including Heart

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Stomach

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C16.0-C16.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

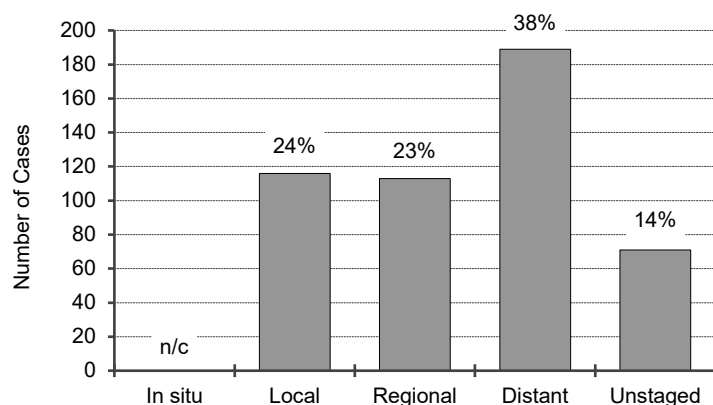
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	296	197	493
2016 Incidence Rates	7.5	4.5	5.9
2016 National Rates	8.5	4.6	6.3

Death			
	Male	Female	Total
Deaths	133	96	229
2016 Death Rates	3.4	2.2	2.8
2016 National Rates	4.0	2.2	3.0

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	73%
Local	69%
Regional	30%
Distant	5%
Unstaged	22%
Overall	32%

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

Figures include in situ and invasive cancers

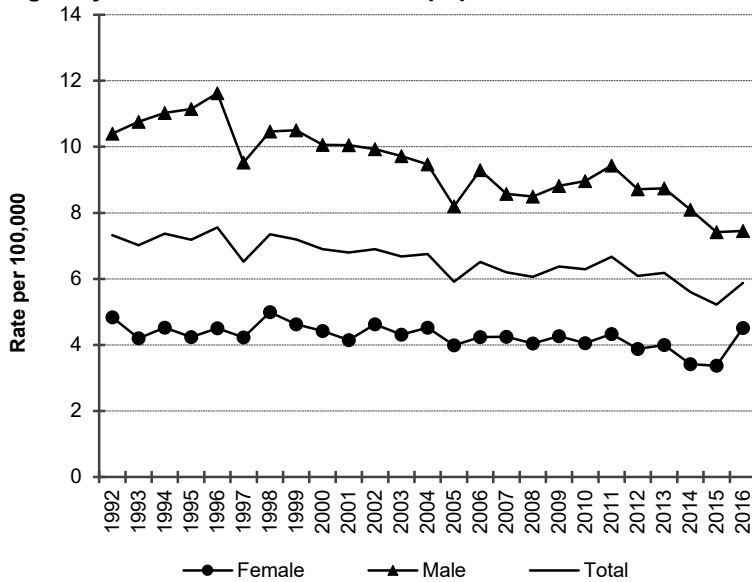
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Stomach

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



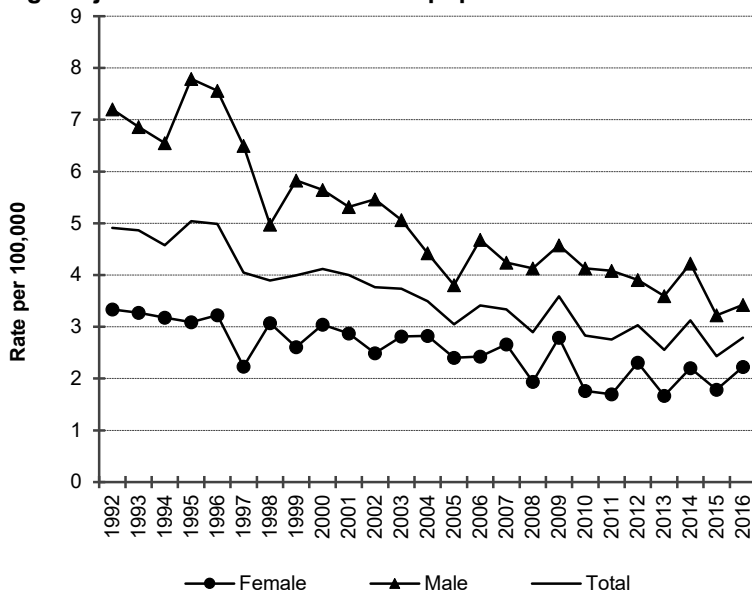
For stomach cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates decreased steadily by 1.1% per year from 1992 to 2016.

Men: Rates decreased steadily by 1.5% per year from 1992 to 2016.

Women: Rates decreased slightly by 0.7% per year from 1992 to 2016.

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 2.7% per year from 1992 to 2016.

Men: Rates decreased steadily by 3.2% per year from 1992 to 2016.

Women: Rates decreased steadily by 2.2% per year from 1992 to 2016.

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 2019.

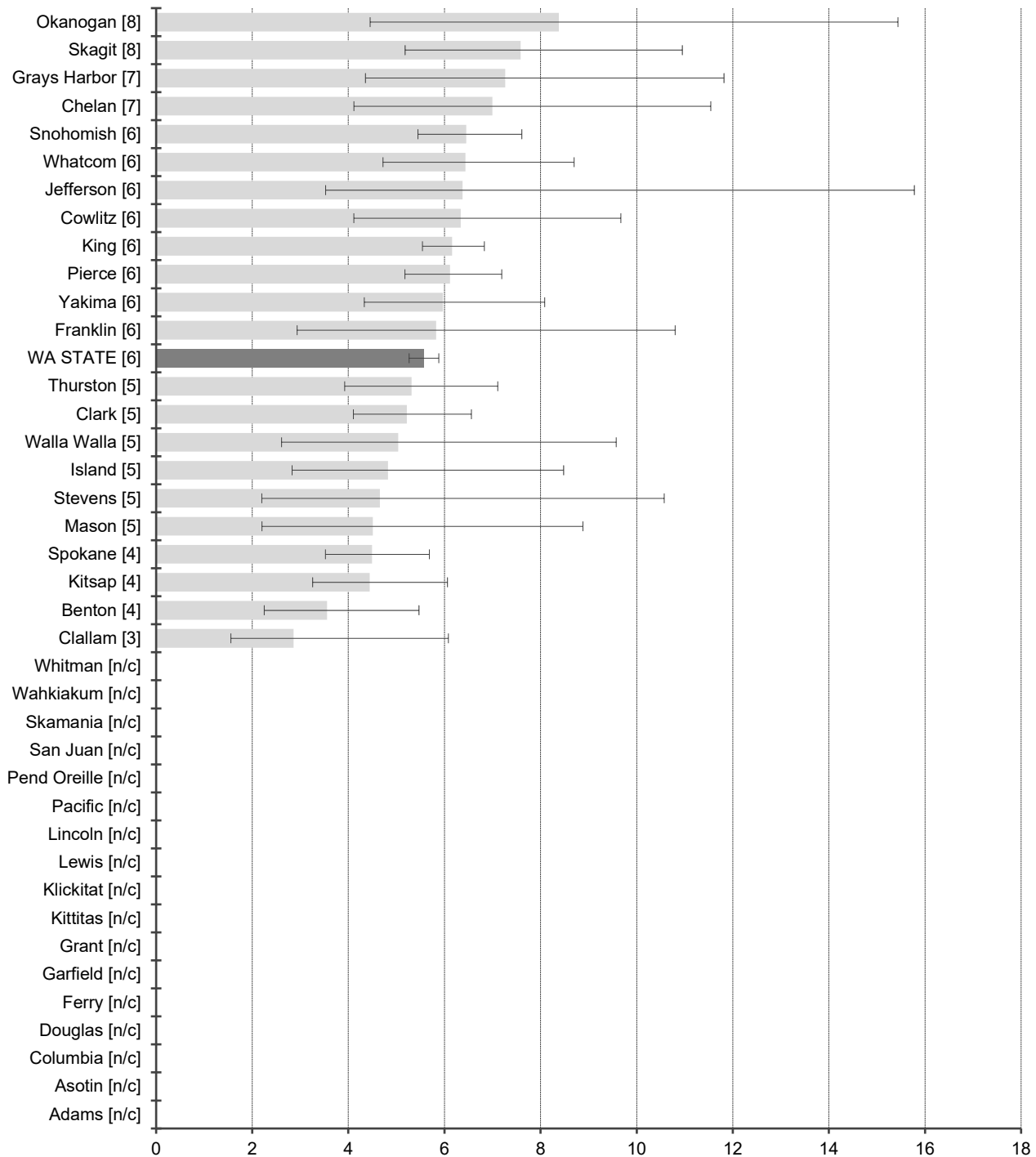
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Stomach

2014-2016 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 2014-2016.

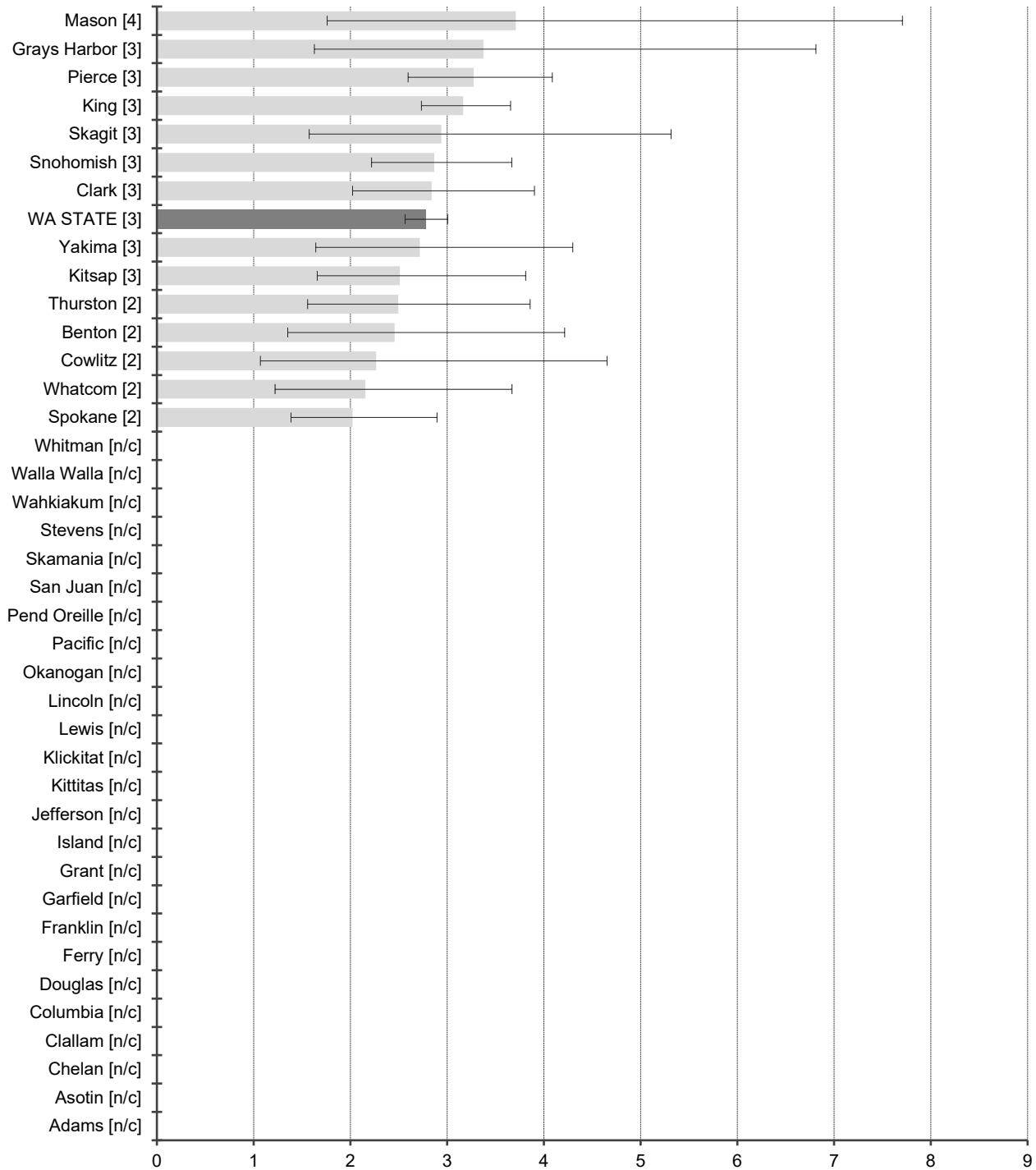
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Stomach

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Testis

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 codes C62.0-C62.9, excluding histology codes 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 (1999-2016).

2016 Washington State Male Residents

Incidence and Death Summary by Sex

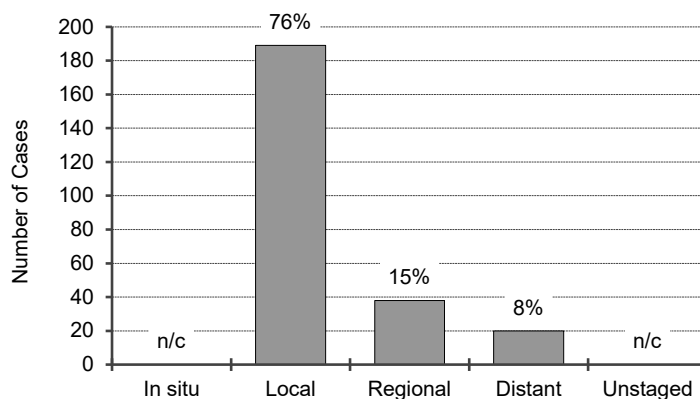
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	250	n/a	n/a
2016 Incidence Rates	7.1	n/a	n/a
2016 National Rates	5.7	n/a	n/a

Death			
	Male	Female	Total
Deaths	7	n/a	n/a
2016 Death Rates	0.2	n/a	n/a
2016 National Rates	0.3	n/a	n/a

Stage at Diagnosis

2016 Washington State Male Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	n/a
Local	99%
Regional	96%
Distant	72%
Unstaged	74%
Overall	95%

n/a = not available

n/a - Not available for sex-specific sites.

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

Figures include only invasive cancers

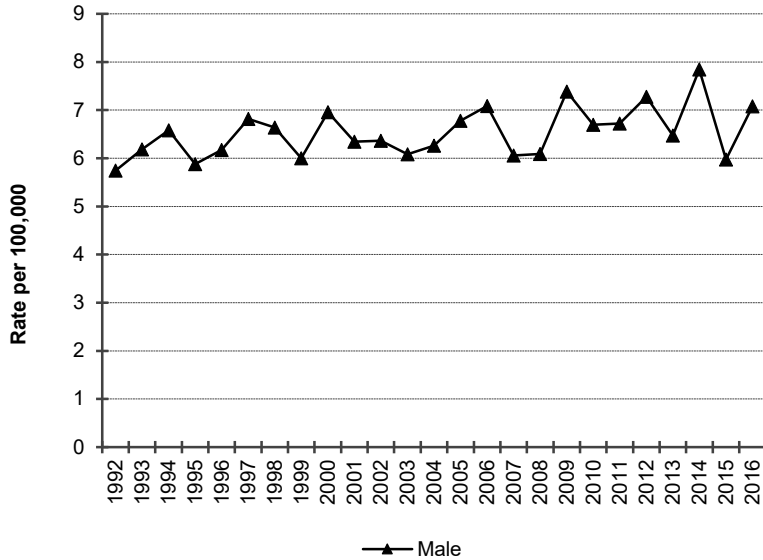
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

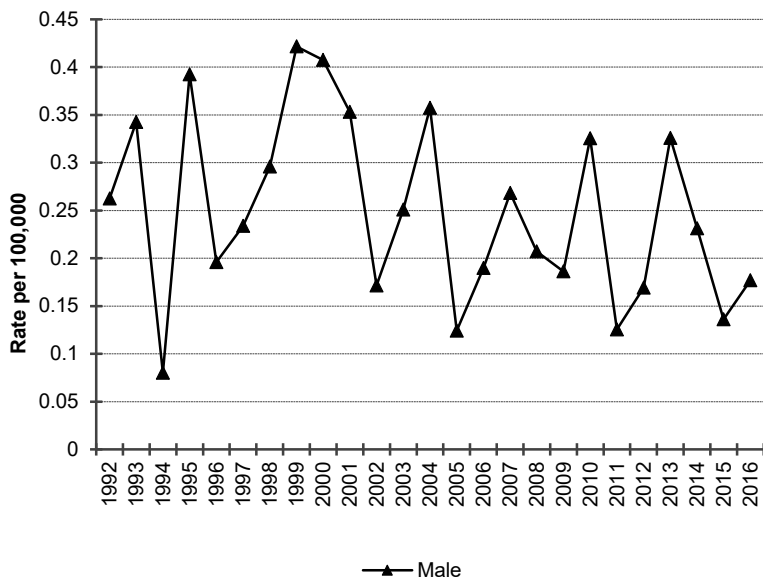
Testis

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 0.5% per year from 1992 to 2016.

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 2016.

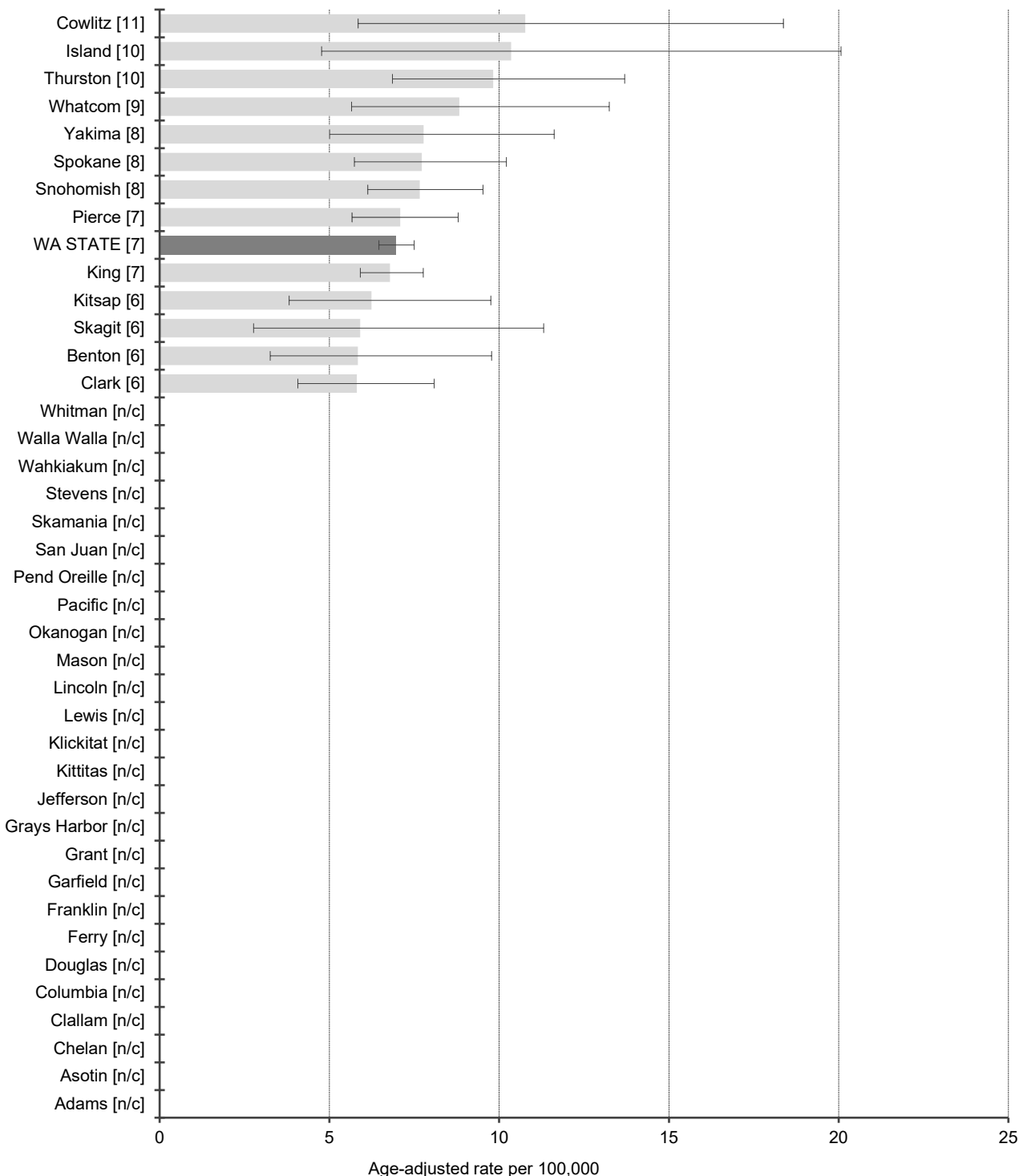
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Testis

2014-2016 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 2014-2016.

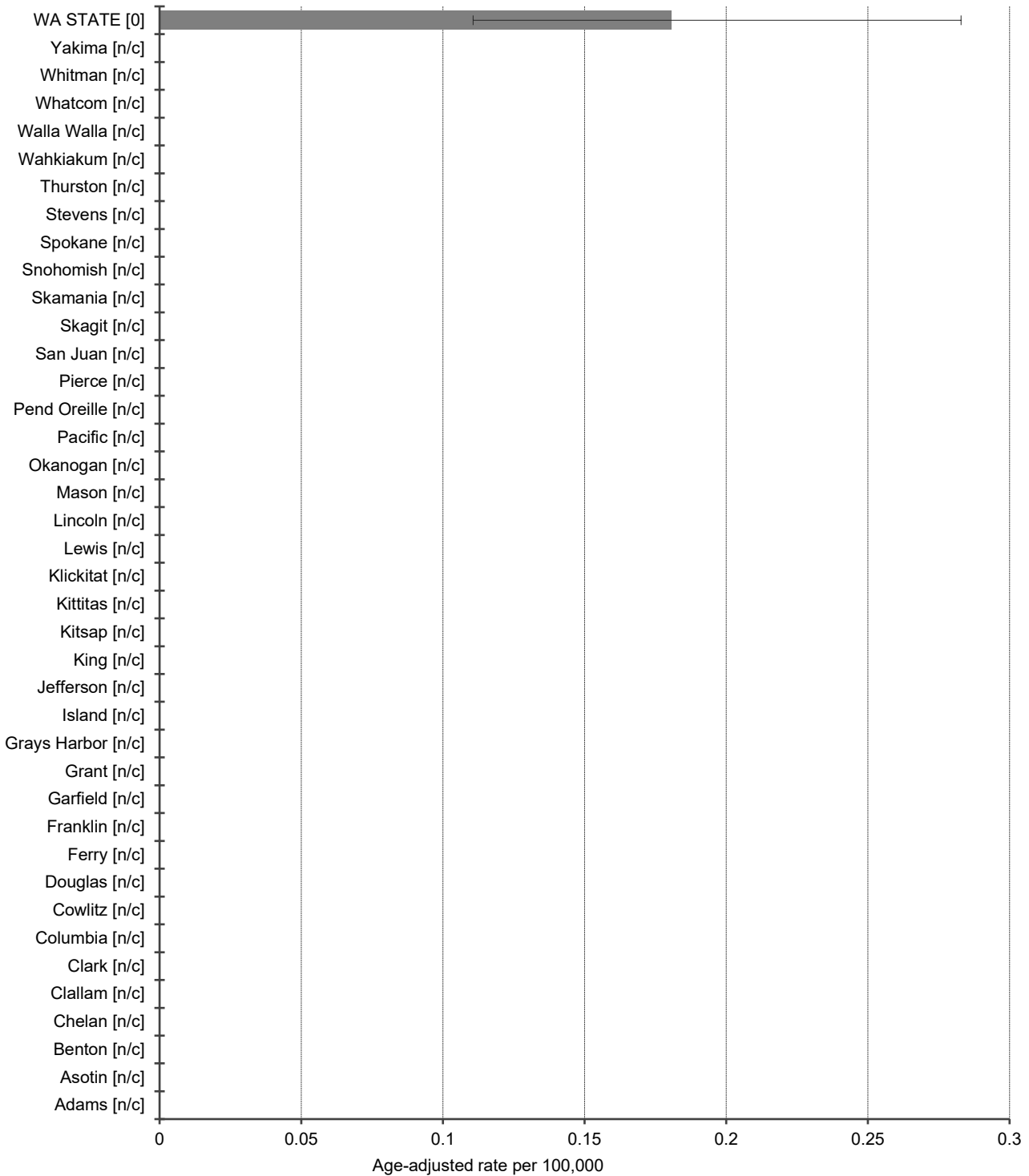
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Testis

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018

Thyroid

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C73.9, excluding histology codes 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 (1999-2016).

2016 Washington State Residents

Incidence and Death Summary by Sex

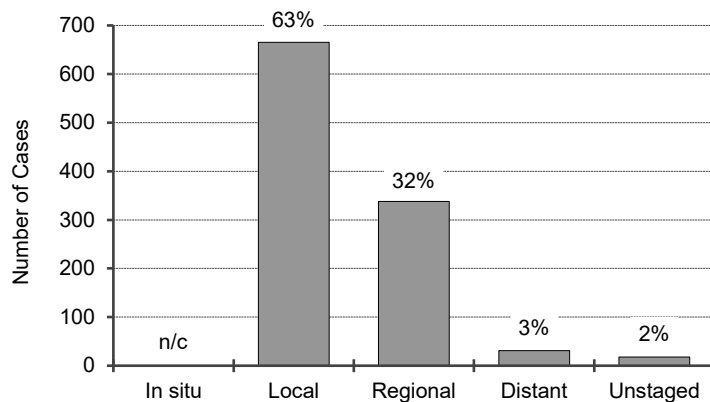
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	263	788	1,053
2016 Incidence Rates	6.8	20.6	13.7
2016 National Rates	7.2	20.6	14.0

Death			
	Male	Female	Total
Deaths	19	28	47
2016 Death Rates	0.5	0.6	0.6
2016 National Rates	0.5	0.5	0.5

Stage at Diagnosis

2016 Washington State Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

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

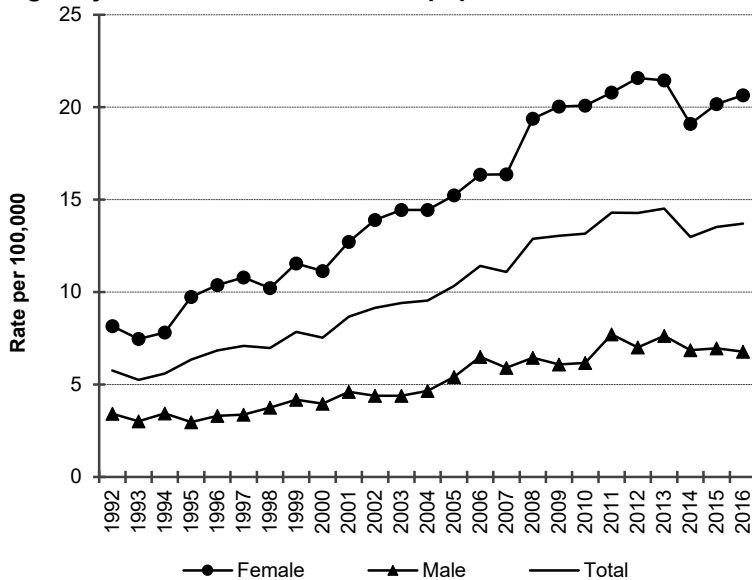
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Thyroid

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



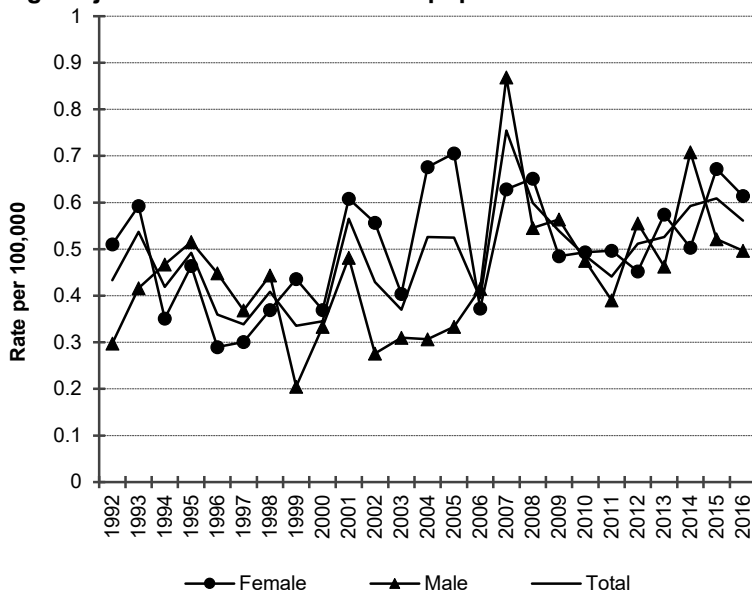
For thyroid cancer age-adjusted incidence rates have changed as follows.

Both sexes combined: Rates increased sharply by 5.3% per year from 1992 to 2011; remained level since 2011.

Men: Rates increased sharply by 4.8% per year from 1992 to 2012; remained level since 2012.

Women: Rates increased sharply by 5.5% per year from 1992 to 2011; remained level since 2011.

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 increased steadily by 1.5% per year from 1992 to 2016.

Men: Rates increased steadily by 1.9% per year from 1992 to 2016.

Women: Rates increased steadily by 1.3% per year from 1992 to 2016.

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 2019.

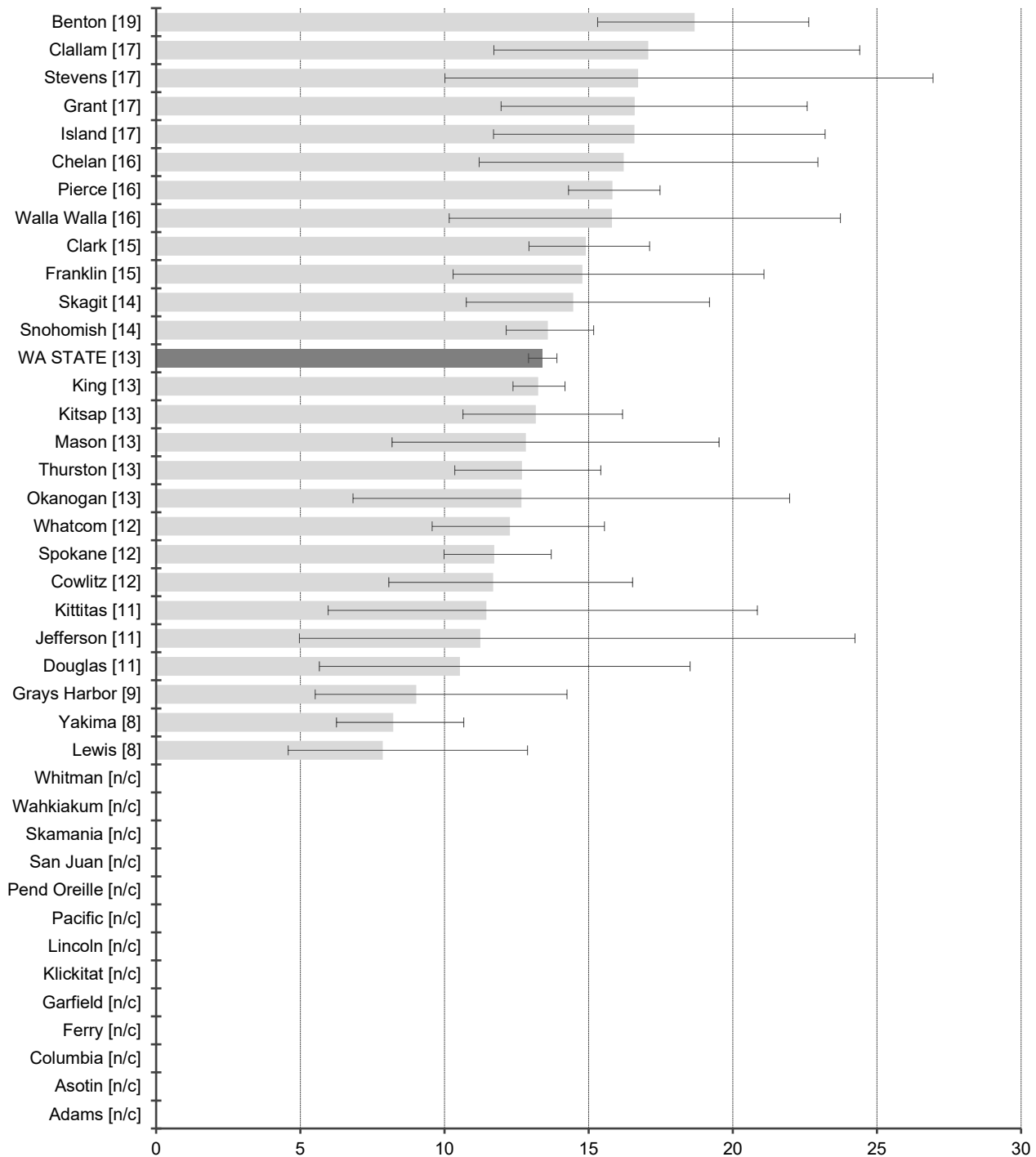
Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Thyroid

2014-2016 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 2014-2016.

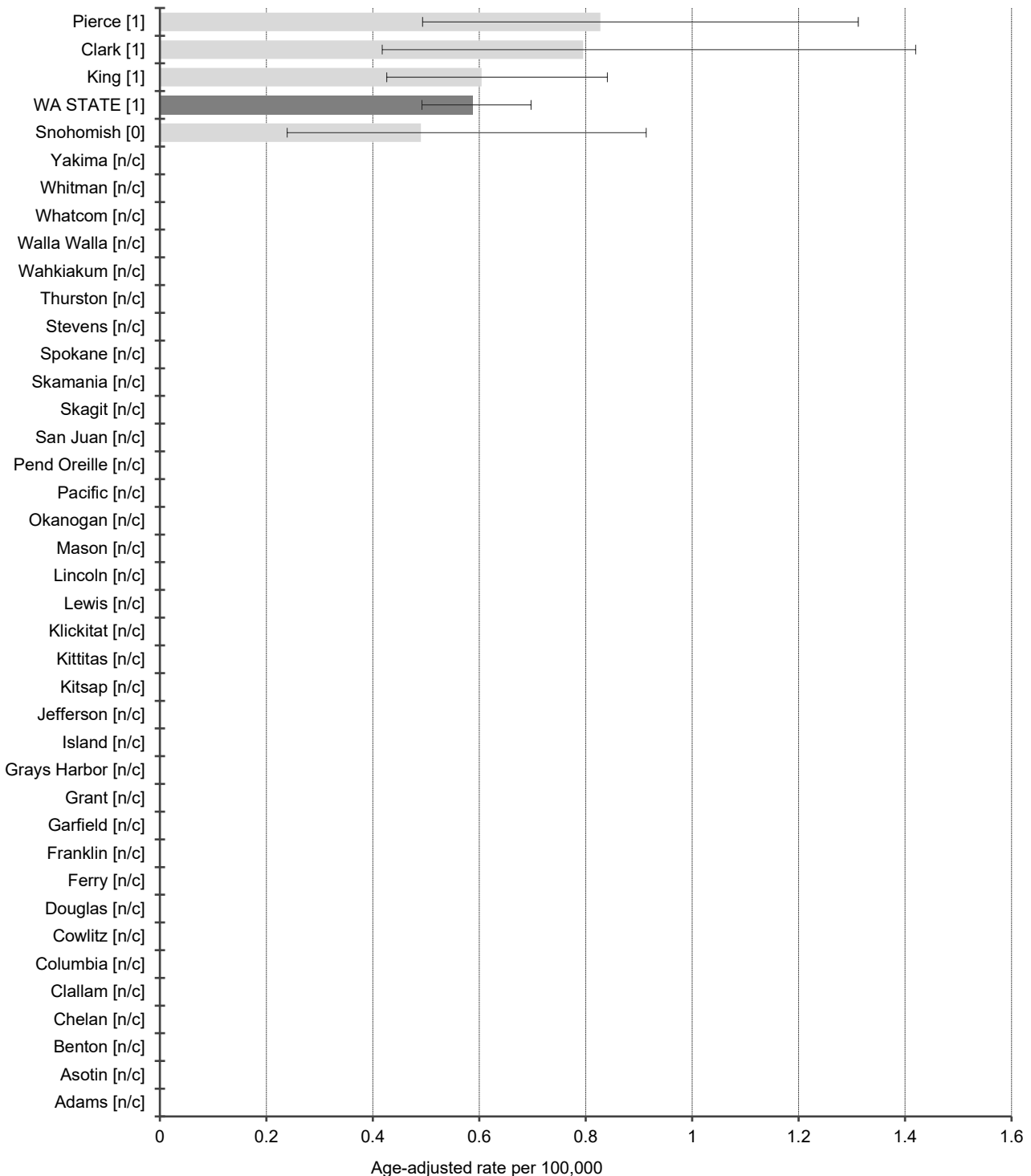
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Thyroid

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Vulva (Female)

DATA DEFINITIONS: Incidence data were obtained from the Washington State Cancer Registry using primary site ICD-0-3 code C51.0-C51.9, excluding histology codes 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 (1999-2016).

2016 Washington State Female Residents

Incidence and Death Summary by Sex

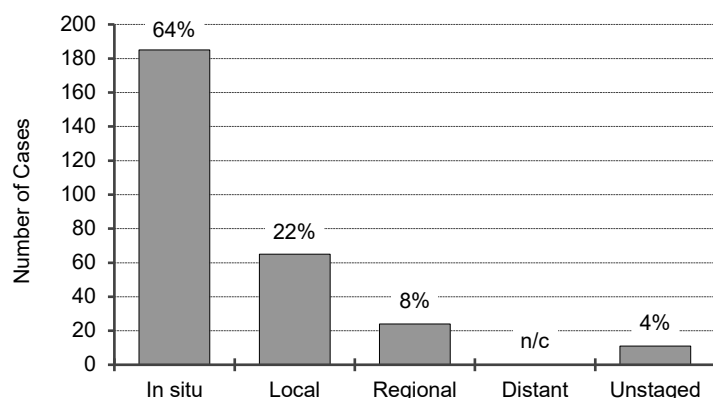
Counts and rates per 100,000 adjusted to the 2000 standard population

Incidence			
	Male	Female	Total
All Reportable Cancers	n/a	289	n/a
2016 Incidence Rates	n/a	6.9	n/a
2016 National Rates	n/a	3.3	n/a

Death			
	Male	Female	Total
Deaths	n/a	24	n/a
2016 Death Rates	n/a	0.5	n/a
2016 National Rates	n/a	0.6	n/a

Stage at Diagnosis

2016 Washington State Female Residents
Total Incidence and Percents



Relative Survival Rates

2016 National 5-year rates¹

In situ	97%
Local	86%
Regional	49%
Distant	24%
Unstaged	67%
Overall	87%

n/a - Not available for sex-specific sites.

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

Figures include in situ and invasive cancers

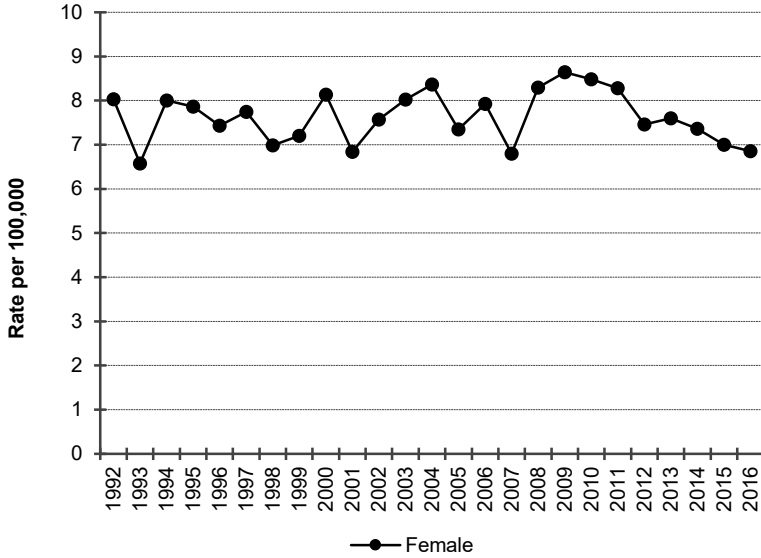
¹ 5-Year Relative Survival Rates for cases diagnosed 2011-2015 based on follow-up of patients through 2016.

Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

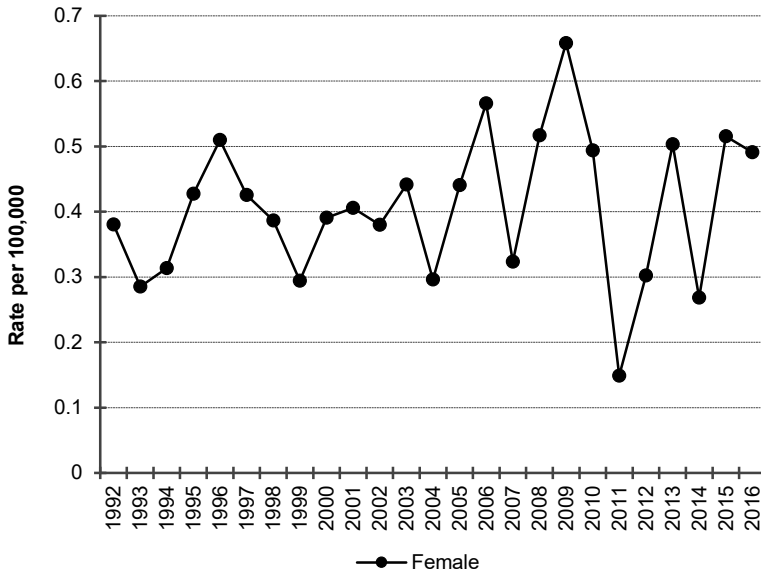
Vulva (Female)

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 2016.

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 2016.

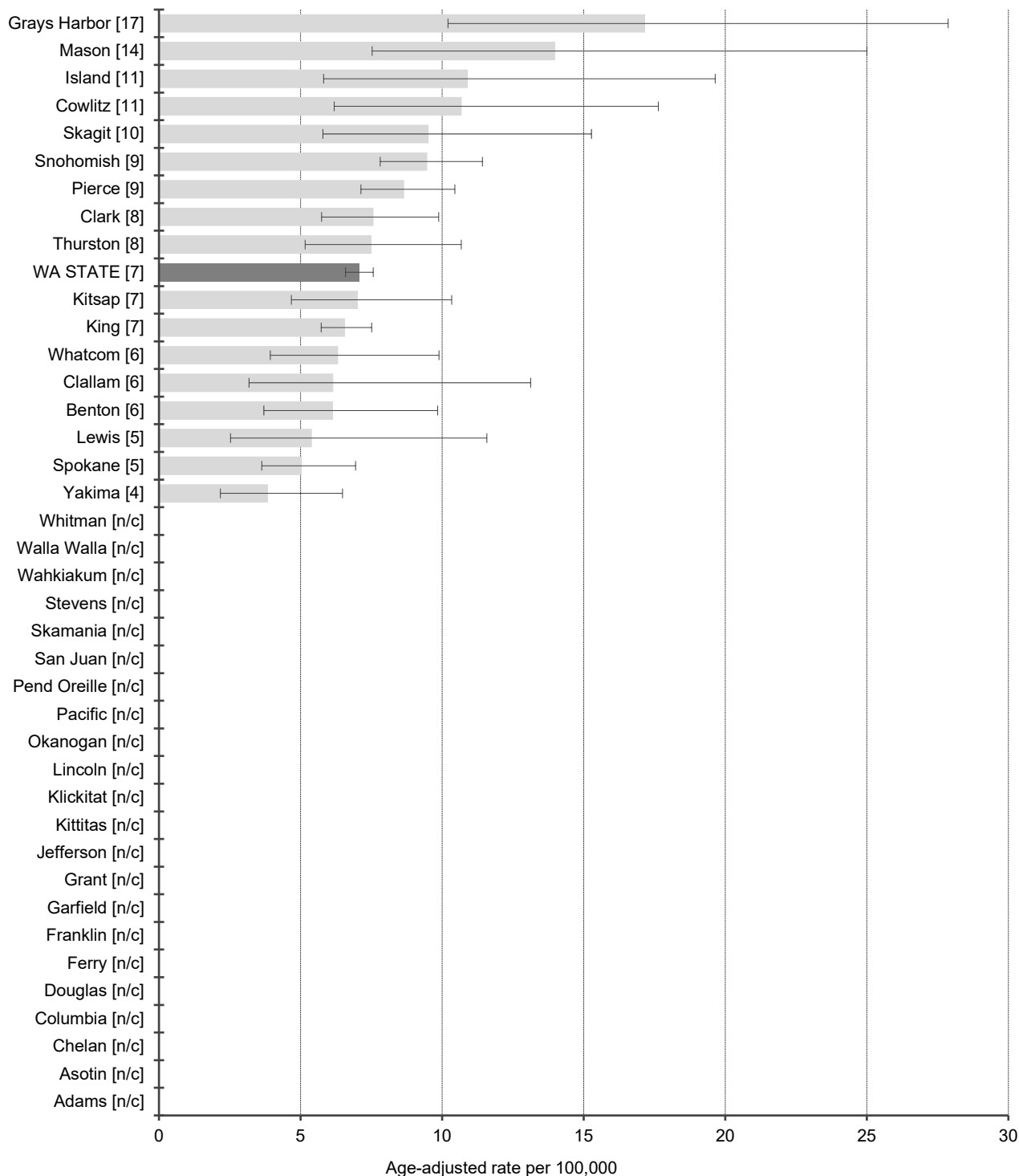
The coding for causes of death changed in 1999. These changes do not substantively affect the trends for cancer deaths.
 Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.
 Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.

Vulva (Female)

2014-2016 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 2014-2016.

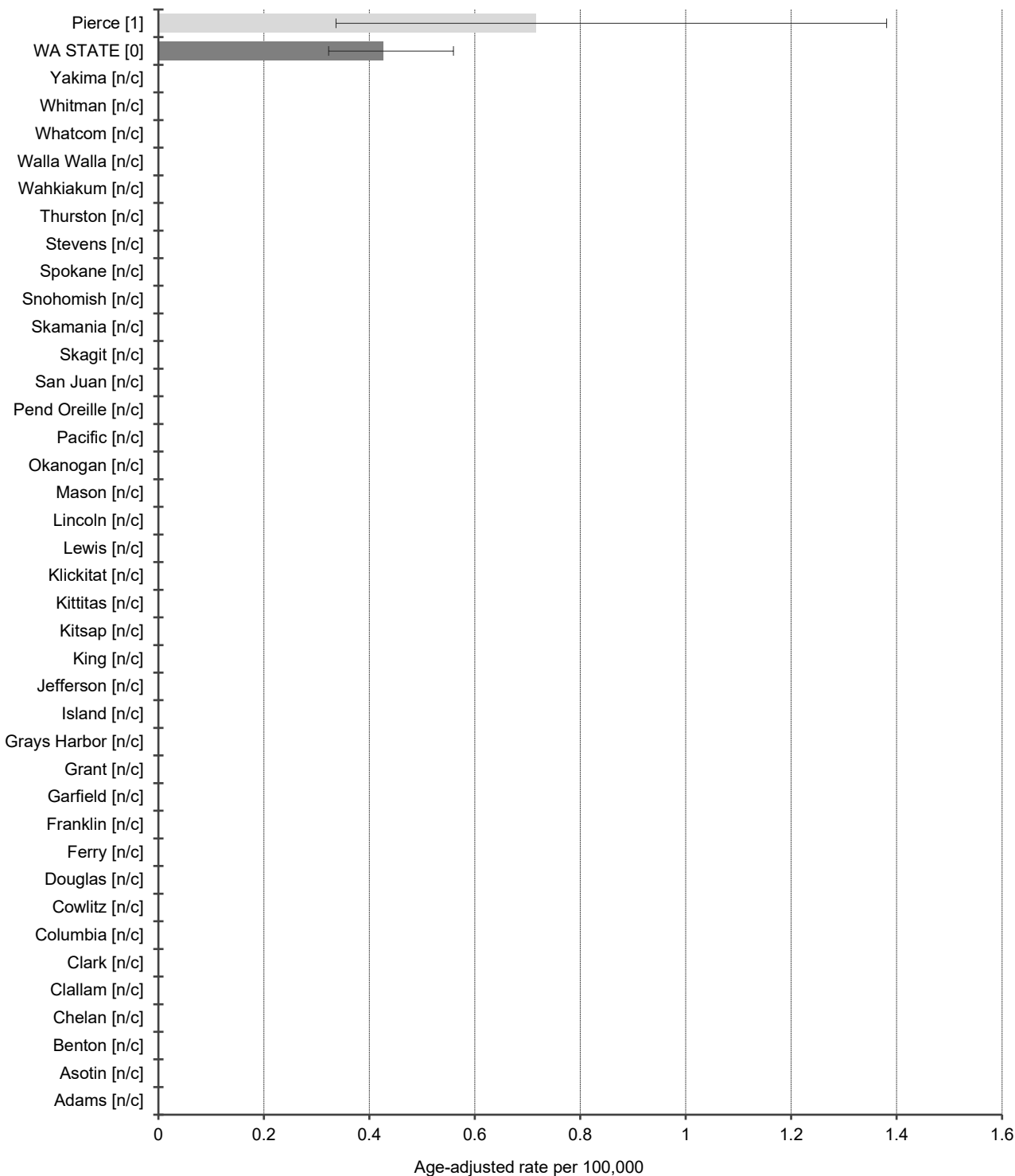
Incidence Data: Washington State Department of Health, Washington State Cancer Registry, released in January 2019.

Vulva (Female)

2014-2016 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 2014-2016.

Mortality Data: Washington State Department of Health, Center for Health Statistics, released in April 2018.