Asthma (Adults)

Asthma (Adults)
•Most recent data (2013): 9% or about 142,700 King County adults age 18+.
•Trend over time: 2000-13: flat
•Description: Ever been told by a doctor, nurse or other health professional to have asthma and still have asthma

Asthma (adults), King County, 2009-2013 average

	Percent	Lower CI	Upper CI
King County (adults age 18+)	9	8	10
AGE			
18-24	9	7	12
25-44	9	7	10
45-64	9	8	10
65+	8	7	10
GENDER			
Male	7	6	8
Female	11	10	12
RACE/ETHNICITY			
AIAN	17	9	30
Asian	4	3	5
Black	8	6	12
Hispanic	7	5	11
Multiple	12	8	19
NHPI	6 §	2 §	16 §
White	10	9	11
HOUSEHOLD INCOME			
<$15,000	12	10	16
$15,000 to $24,999	12	10	16
$25,000 to $34,999	12	9	15
$35,000 to $49,999	9	7	12
$50,000 to $74,999	7	6	9
$75,000+	8	7	9
REGION			
East	8	7	10
North	9	7	13
Seattle	9	8	10
South	9	8	11

Comparisons:

Higher than King County rate (yellow)
Lower than King County rate (green)

Notes:

Source: Behavioral Risk Factor Surveillance System.

Prepared by Public Health - Seattle & King County, APDE, 12/2014.
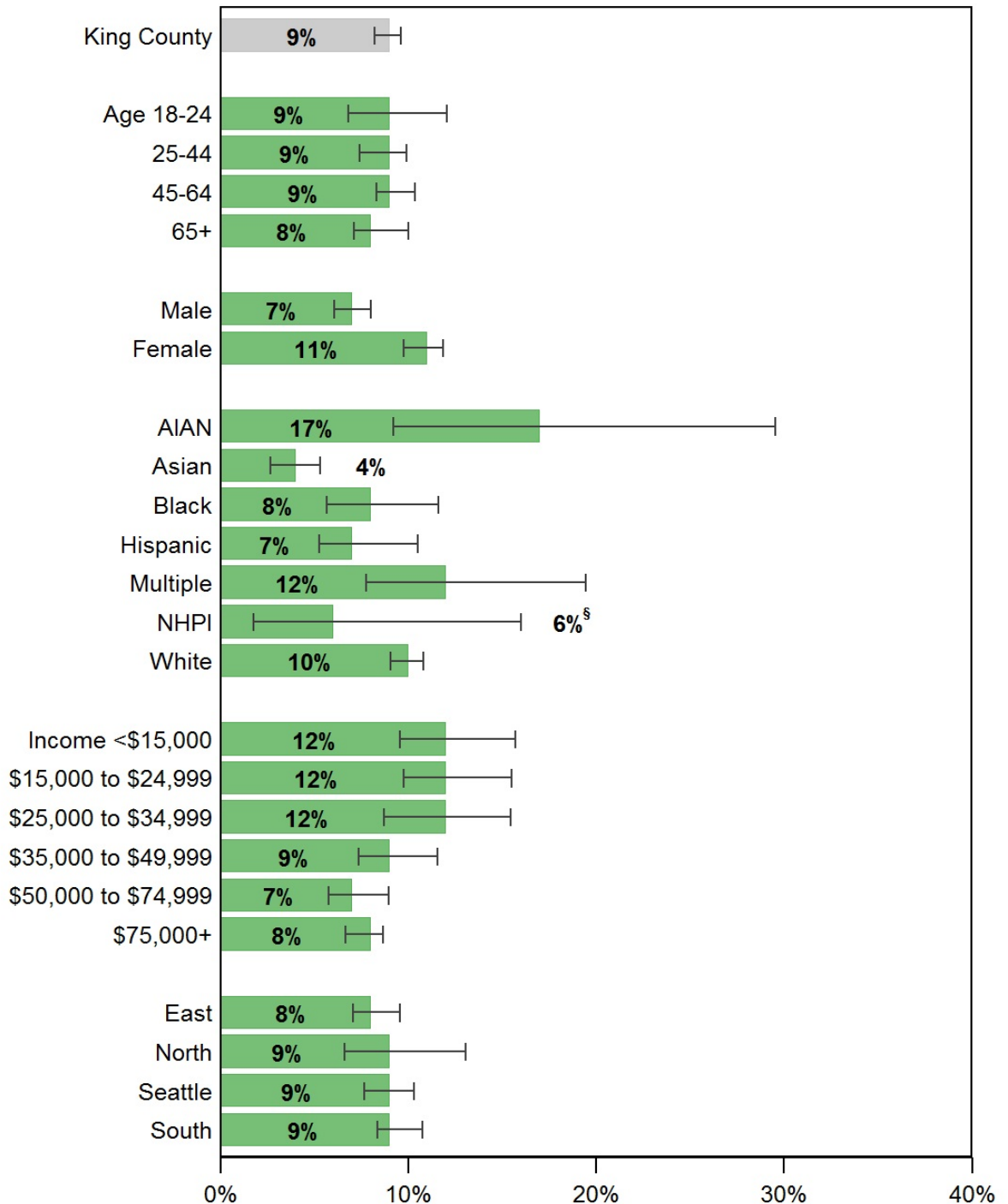
CI is 95% Confidence Interval.

* Too few cases to protect confidentiality and/or report reliable rates.

§ Too few cases to meet precision standard, interpret with caution.

Persons of Hispanic ethnicity can be of any race and are included in the racial categories.

Asthma (adults)
King County, 2009-2013 average

Category	Percent
King County	9%
Age 18-24	9%
25-44	9%
45-64	9%
65+	8%
Male	7%
Female	11%
AIAN	17%
Asian	4%
Black	8%
Hispanic	7%
Multiple	12%
NHPI	6% [§]
White	10%
Income <$15,000	12%
$15,000 to $24,999	12%
$25,000 to $34,999	12%
$35,000 to $49,999	9%
$50,000 to $74,999	7%
$75,000+	8%
East	8%
North	9%
Seattle	9%
South	9%

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.
|------| Confidence interval shows range that includes true value 95% of the time.
* Too few cases to protect confidentiality and/or report reliable rates.
§ Too few cases to meet precision standard, interpret with caution.
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Asthma (adults) by comparison areas

There is no Healthy People 2020 Objective for asthma (adults).

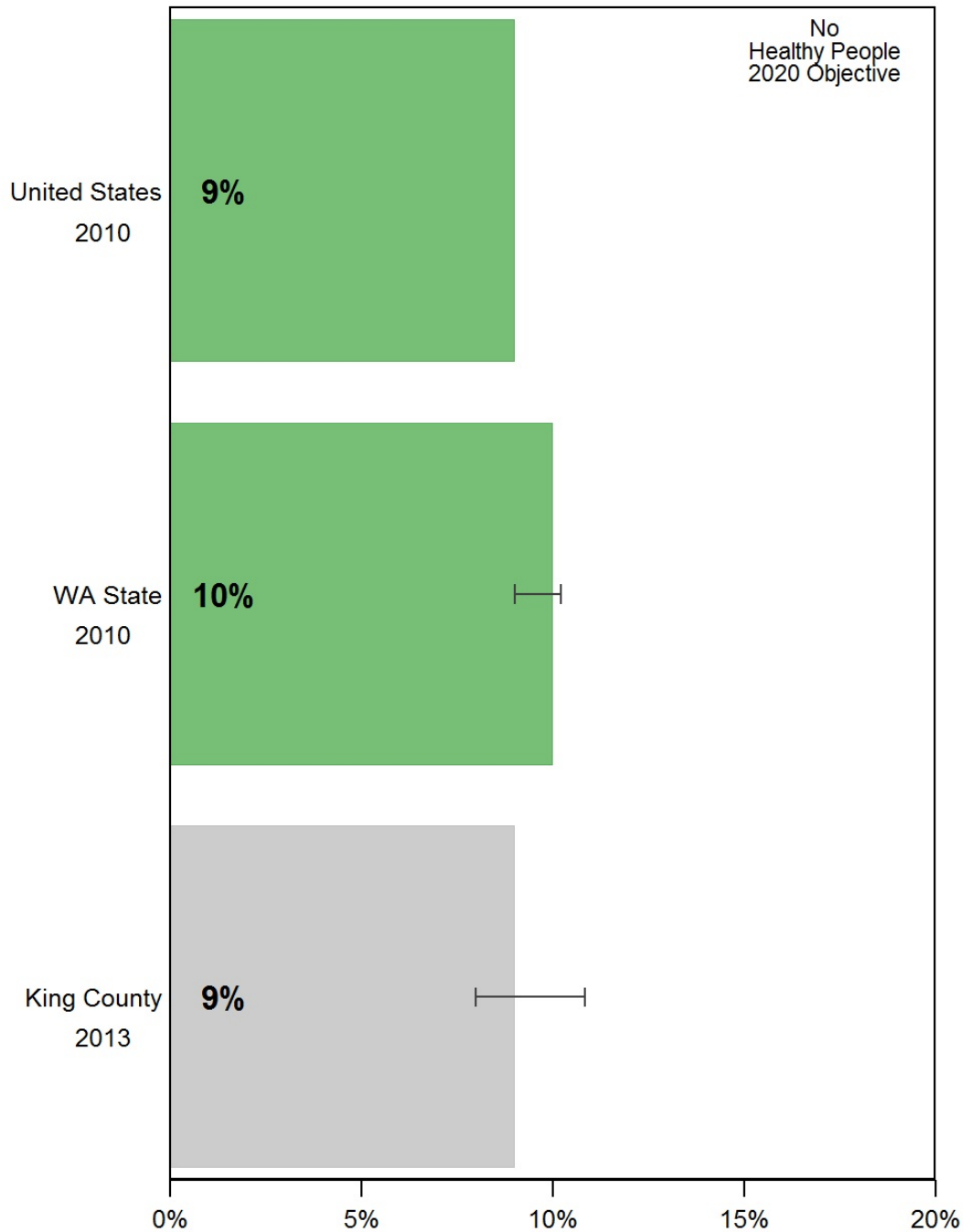|	Latest Available Year	Percent	Lower CI	Upper CI
United States	2010	9	N/A	N/A
WA State	2010	10	9	10
King County	2013	9	8	11

Notes:

Source: Behavioral Risk Factor Surveillance System.

Prepared by Public Health - Seattle & King County, APDE, 12/2014.

N/A: Not available.

CI is 95% Confidence Interval.

Asthma (adults)
by comparison areas

No
Healthy People
2020 Objective

United States
2010 — **9%**

WA State
2010 — **10%**

King County
2013 — **9%**

0%   5%   10%   15%   20%

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.
|------| Confidence interval shows range that includes true value 95% of the time.

Asthma (adults) by health reporting areas, King County, 2009-2013 average

	Percent	Lower CI	Upper CI
King County (adults age 18+)	9	8	10
Auburn	12	8	18
..Auburn-North	9	5	14
..Auburn-South	17	9	29
Bear Creek/Carnation/Duvall	8	5	13
Bellevue	7	5	9
..Bellevue-Central	9	5	15
..Bellevue-NE	5	3	8
..Bellevue-South	8	5	14
..Bellevue-West	5 §	3 §	9 §
Black Diamond/Enumclaw/SE County	13	8	19
Bothell/Woodinville	13 §	7 §	24 §
Burien	12	8	18
Covington/Maple Valley	8	5	12
Des Moines/Normandy Park	8	4	13
East Federal Way	5	3	9
Fairwood	8 §	3 §	19 §
Federal Way	10	7	15
..Fed Way-Central/Military Rd	12	7	18
..Fed Way-Dash Point/Woodmont	8 §	4 §	16 §
Issaquah	10	6	17
Kenmore/LFP	11 §	6 §	20 §
Kent	9	7	13
..Kent-East	11 §	6 §	20 §
..Kent-SE	10	6	16
..Kent-West	6 §	3 §	11 §
Kirkland	10	7	14
..Kirkland	11	7	18
..Kirkland North	8	5	12
Mercer Isle/Pt Cities	6	4	10
Newcastle/Four Creeks	6	3	10
North Highline	12 §	4 §	30 §
Redmond	9	6	14
Renton	11	8	15
..Renton-East	10 §	5 §	19 §
..Renton-North	9	6	16
..Renton-South	12	7	19
Sammamish	9	6	13
SeaTac/Tukwila	5	3	8
Seattle	9	8	10
..Ballard	15	9	23
..Beacon/Gtown/S.Park	10 §	5 §	18 §
..Capitol Hill/E.lake	7	4	11
..Central Seattle	10	5	17
..Delridge	13	8	20
..Downtown	8	5	13
..Fremont/Greenlake	5	3	8
..NE Seattle	7	4	11
..North Seattle	8	5	13
..NW Seattle	12	7	20
..QA/Magnolia	7	4	13
..SE Seattle	7 §	4 §	13 §
..West Seattle	8	5	11
Shoreline	6	4	9
Snoqualmie/North Bend/Skykomish	7 §	4 §	13 §
Vashon Island	3 §	1 §	7 §

Comparisons:

Higher than King County rate (yellow)

Lower than King County rate (green)

Notes:

Source: Behavioral Risk Factor Surveillance System.

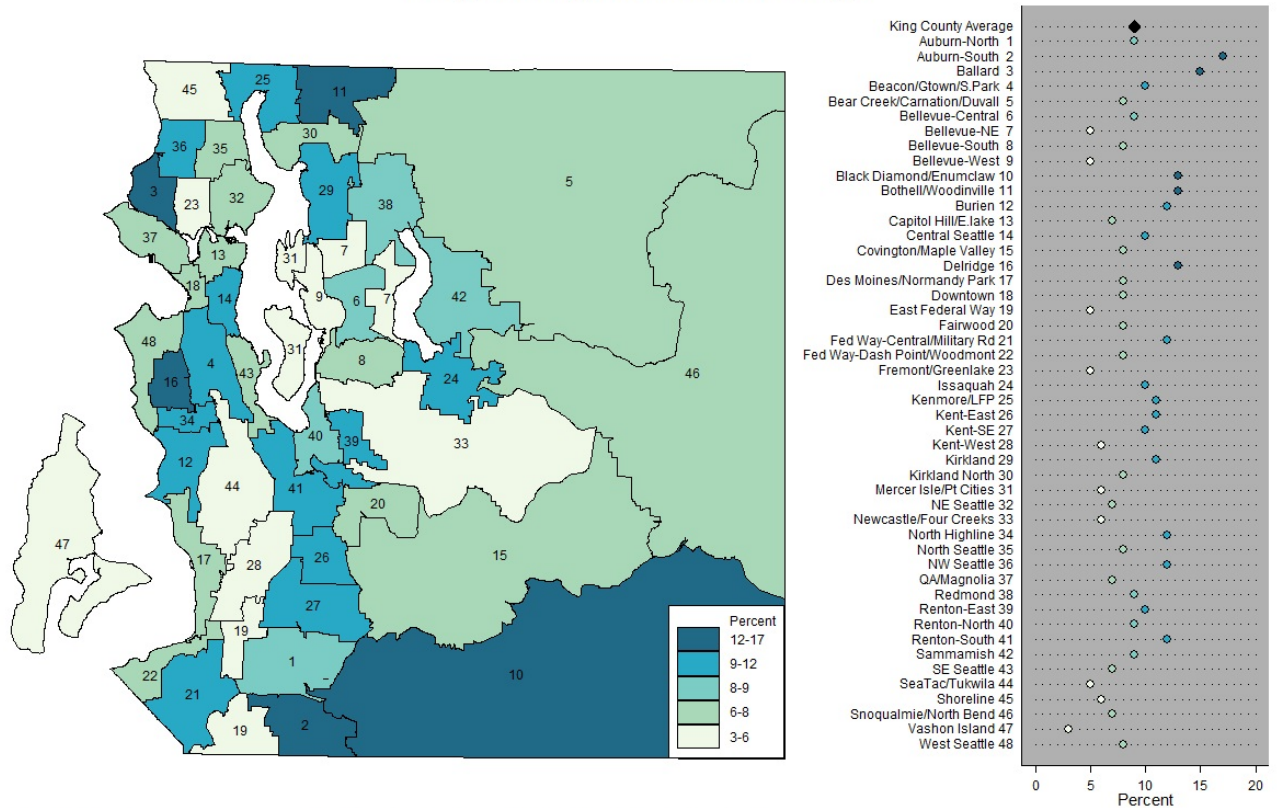Prepared by Public Health - Seattle & King County, APDE, 12/2014.

CI is 95% Confidence Interval.

* Too few cases to protect confidentiality and/or report reliable rates.

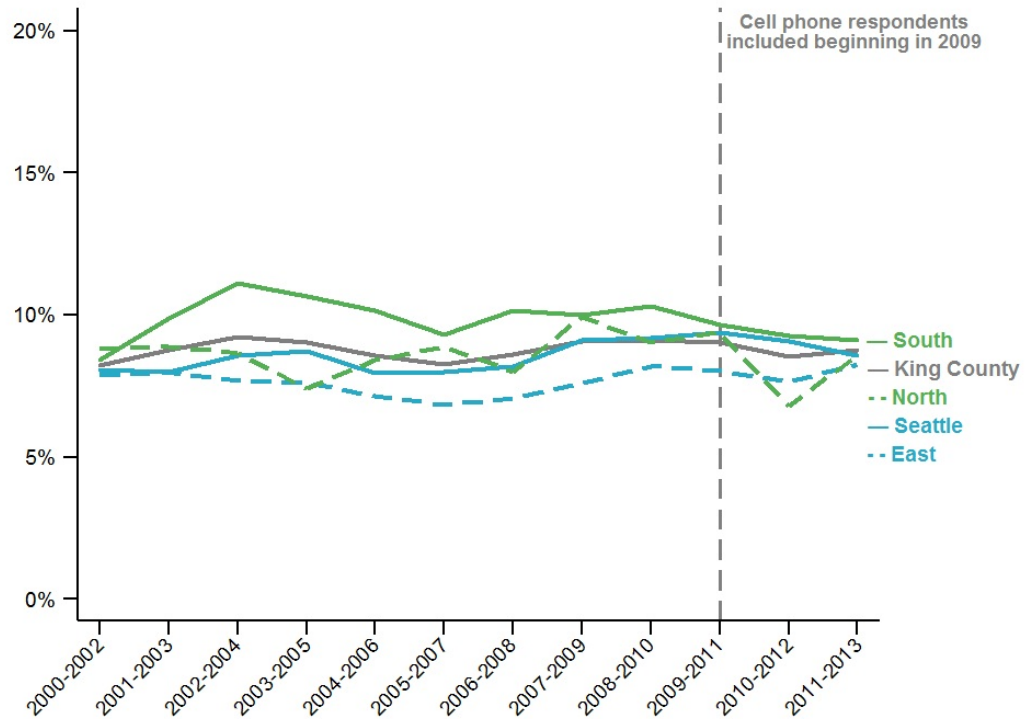§ Too few cases to meet precision standard, interpret with caution.

Persons of Hispanic ethnicity can be of any race and are included in the racial categories.

Asthma (adults) by health reporting areas
King County, 2009-2013 average

Note: HRA labels on the map match the chart on the right, listed in alphabetical order
Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.

Asthma (adults)
King County, 2000-2013, three-year rolling averages

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.

King County
Hospitals
for a Healthier
Community

Current asthma among children
King County, 2009-2013 average

Ever been told by a doctor, nurse or other health professional to have asthma and still have asthma
Source: Behavioral Risk Factor Surveillance System
Most recent data (2013): 5 cases per 100 in King County

	Percent	Lower CI	Upper CI
King County	7	5	9
Age			
0-4	1[§]	1	3
5-9	8	5	12
10-17	10	8	13
Gender			
Female	5	4	8
Male	8	6	11
Race/Ethnicity			
AIAN	*	*	*
Asian	9[§]	4	17
Black	11[§]	5	21
Hispanic	6[§]	3	11
Multiple	8[§]	4	15
NHPI	*	*	*
White	6	5	7
Household Income			
<$15,000	10[§]	4	22
$15,000 - $24,999	6[§]	3	13
$25,000 - $34,999	4[§]	2	8
$35,000 - $49,999	8[§]	3	19
$50,000 - $74,999	5[§]	2	10
$75,000+	6	5	8
Region			
East	6	4	9
North	6	4	10
Seattle	8	5	12
South	6	4	9

Notes:

N/A: Not available
* Too few cases to protect confidentiality and/or report reliable rates
§ Too few cases to meet precision standard, interpret with caution
CI is 95% Confidence Interval
Percent = Percent of children age 0-17 with current asthma

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

King County
Hospitals
for a Healthier
Community

Current asthma among children by comparison areas

Source: Behavioral Risk Factor Surveillance System; National Health Interview Survey

There is no Healthy People 2020 Objective for child asthma prevalence.

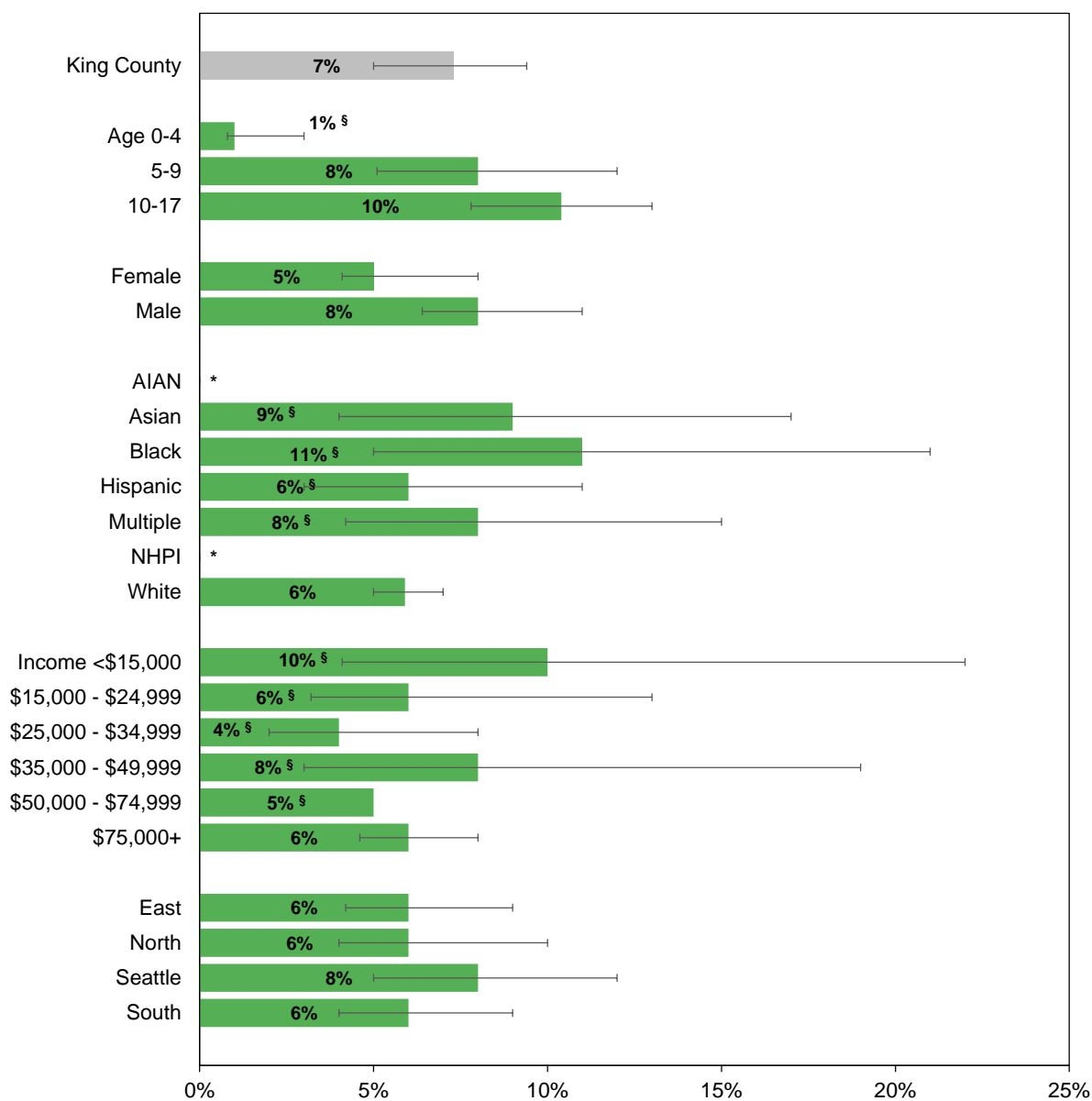|	Latest Available Year	Percent	Lower CI	Upper CI
United States (36 state total)	2010-2012	9	9	10
Washington State	2009-2010	7	6	7
King County	**2013**	**5**	**3**	**6**

Notes:

N/A: Not available

CI is 95% Confidence Interval

Percent = Percent of children age 0-17 with current asthma

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

Current asthma among children age 0-17, King County, 2009-2013 average

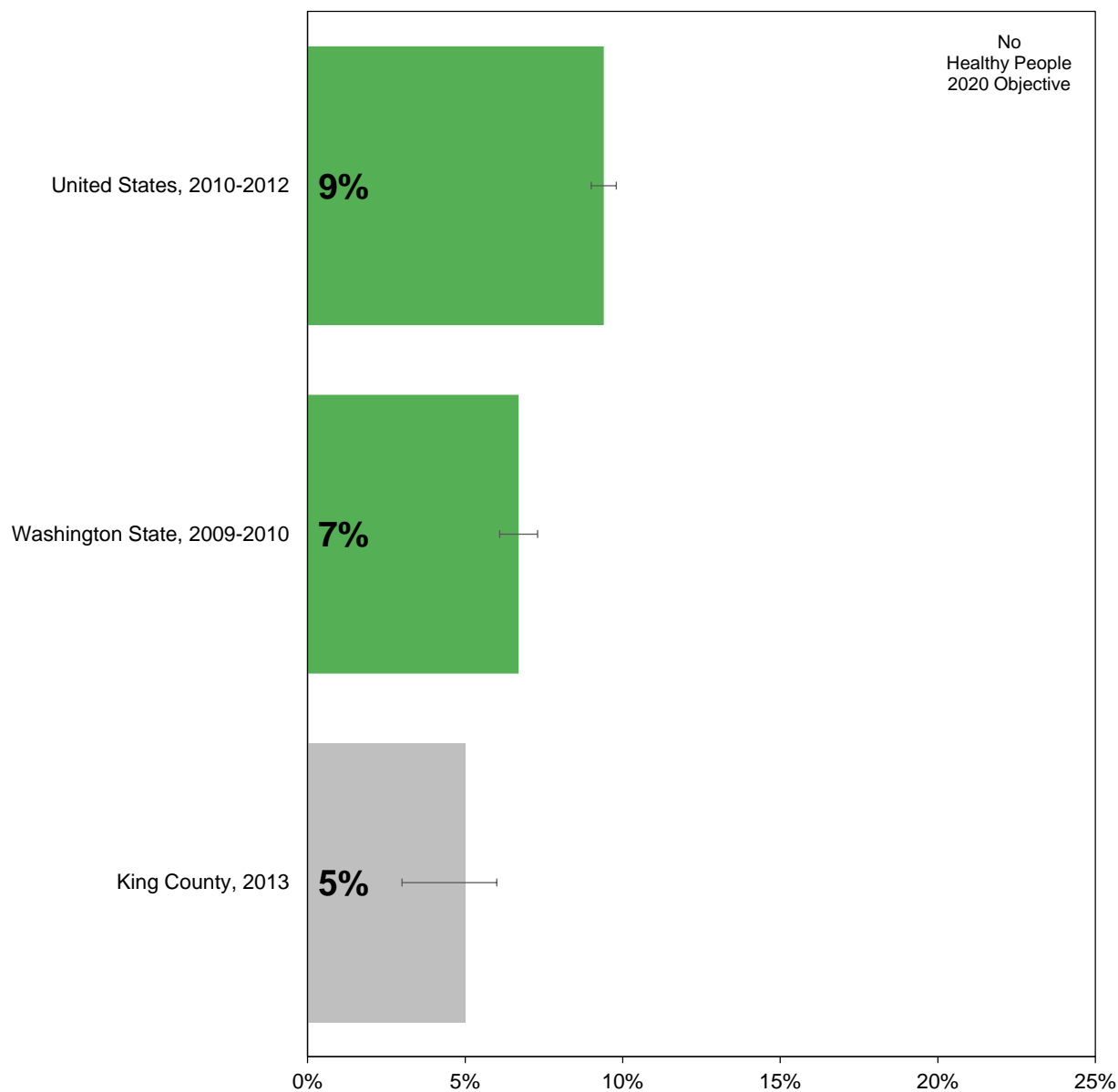Source: Behavioral Risk Factor Surveillance System

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

|-----|: Confidence interval shows range that includes true value 95% of the time

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution

Current asthma among children by comparison areas

No
Healthy People
2020 Objective

United States, 2010-2012 **9%**

Washington State, 2009-2010 **7%**

King County, 2013 **5%**

0%   5%   10%   15%   20%   25%

Source: Behavioral Risk Factor Surveillance System; National Health Interview Survey

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

|-----|: Confidence interval shows range that includes true value 95% of the time

Diabetes (Adults)

> **Diabetes (Adults)**
> •Most recent data (2013): 6% or about 98,500 King County adults age 18+.
> •Trend over time: 2000-13: rising
> •Description: Ever told by doctor, nurse, or other health professional to have diabetes (does not include diabetes during pregnancy or pre-diabetes)

Diabetes (adults), King County, 2009-2013 average

	Percent	Lower CI	Upper CI
King County (adults age 18+)	7	6	7
AGE			
18-24	0 §	0 §	1 §
25-44	2	2	3
45-64	9	8	10
65+	18	17	21
GENDER			
Male	7	7	8
Female	6	5	7
RACE/ETHNICITY			
AIAN	18	10	31
Asian	7	5	9
Black	12	9	16
Hispanic	7	5	10
Multiple	7	4	11
NHPI	6 §	3 §	13 §
White	6	5	6
HOUSEHOLD INCOME			
<$15,000	9	7	12
$15,000 to $24,999	10	8	12
$25,000 to $34,999	9	7	12
$35,000 to $49,999	7	6	9
$50,000 to $74,999	7	6	9
$75,000+	4	4	5
REGION			
East	5	4	6
North	5	4	7
Seattle	5	4	6
South	10	8	11

Comparisons:
Higher than King County rate (yellow)
Lower than King County rate (green)

Notes:

Source: Behavioral Risk Factor Surveillance System.

Prepared by Public Health - Seattle & King County, APDE, 12/2014.
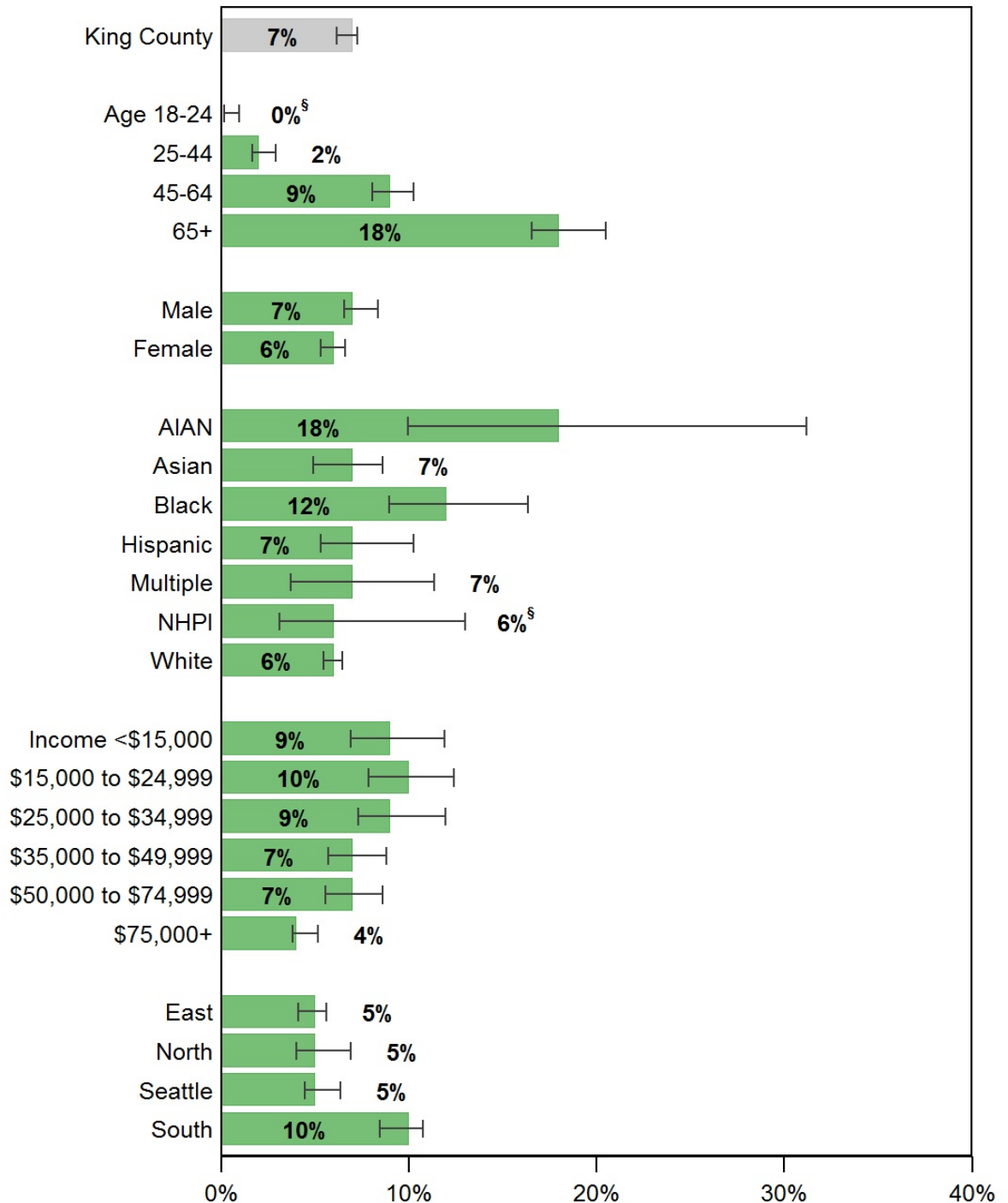
CI is 95% Confidence Interval.

* Too few cases to protect confidentiality and/or report reliable rates.

§ Too few cases to meet precision standard, interpret with caution.

Persons of Hispanic ethnicity can be of any race and are included in the racial categories.

Diabetes (adults)
King County, 2009-2013 average

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.
|------| Confidence interval shows range that includes true value 95% of the time.
* Too few cases to protect confidentiality and/or report reliable rates.
§ Too few cases to meet precision standard, interpret with caution.
Persons of Hispanic ethnicity can be of any race and are included in the racial categories.

Diabetes (adults) by comparison areas

There is no Healthy People 2020 Objective for diabetes (adults).

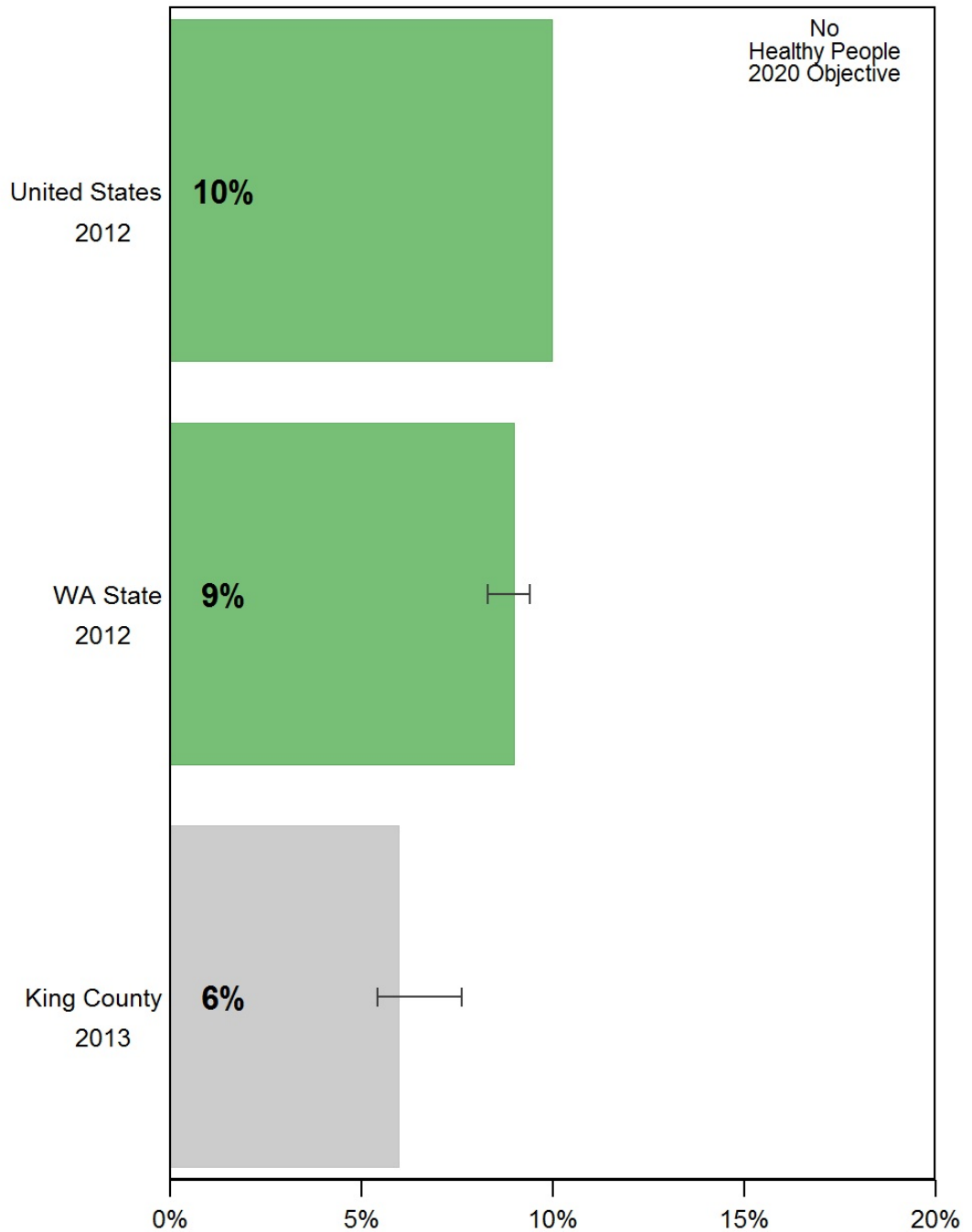|	Latest Available Year	Percent	Lower CI	Upper CI
United States	2012	10	N/A	N/A
WA State	2012	9	8	9
King County	2013	6	5	8

Notes:

Source: Behavioral Risk Factor Surveillance System.

Prepared by Public Health - Seattle & King County, APDE, 12/2014.

N/A: Not available.

CI is 95% Confidence Interval.

Diabetes (adults)
by comparison areas

No
Healthy People
2020 Objective

United States
2012 — **10%**

WA State
2012 — **9%**

King County
2013 — **6%**

0%   5%   10%   15%   20%

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.
|------| Confidence interval shows range that includes true value 95% of the time.

Diabetes (adults) by health reporting areas, King County, 2009-2013 average

	Percent	Lower CI	Upper CI
King County (adults age 18+)	7	6	7
Auburn	16	11	21
..Auburn-North	10	7	15
..Auburn-South	24	15	35
Bear Creek/Carnation/Duvall	5	3	8
Bellevue	5	4	6
..Bellevue-Central	6	3	9
..Bellevue-NE	6	3	9
..Bellevue-South	5 §	3 §	9 §
..Bellevue-West	3	2	5
Black Diamond/Enumclaw/SE County	8	6	12
Bothell/Woodinville	6	3	9
Burien	8	5	12
Covington/Maple Valley	8	5	11
Des Moines/Normandy Park	10	6	17
East Federal Way	9 §	4 §	17 §
Fairwood	9	5	14
Federal Way	11	8	16
..Fed Way-Central/Military Rd	14	9	21
..Fed Way-Dash Point/Woodmont	6	4	11
Issaquah	3 §	2 §	6 §
Kenmore/LFP	3	2	5
Kent	10	8	13
..Kent-East	14 §	7 §	25 §
..Kent-SE	9	6	13
..Kent-West	9	5	16
Kirkland	4	3	6
..Kirkland	4	2	6
..Kirkland North	5	3	8
Mercer Isle/Pt Cities	5	3	7
Newcastle/Four Creeks	7	4	11
North Highline	12 §	5 §	29 §
Redmond	6	4	11
Renton	9	7	12
..Renton-East	6 §	3 §	12 §
..Renton-North	9	5	15
..Renton-South	10	6	15
Sammamish	4	2	6
SeaTac/Tukwila	8	5	14
Seattle	5	4	6
..Ballard	7 §	4 §	13 §
..Beacon/Gtown/S.Park	8 §	4 §	15 §
..Capitol Hill/E.lake	6 §	3 §	13 §
..Central Seattle	3 §	2 §	5 §
..Delridge	9	5	16
..Downtown	5 §	3 §	9 §
..Fremont/Greenlake	3 §	1 §	5 §
..NE Seattle	5	3	8
..North Seattle	4 §	2 §	8 §
..NW Seattle	6	4	10
..QA/Magnolia	4 §	2 §	9 §
..SE Seattle	7	4	12
..West Seattle	5	3	8
Shoreline	7	5	10
Snoqualmie/North Bend/Skykomish	7	4	11
Vashon Island	4 §	2 §	10 §

Comparisons:

■ Higher than King County rate (yellow)

■ Lower than King County rate (green)

Notes:

Source: Behavioral Risk Factor Surveillance System.

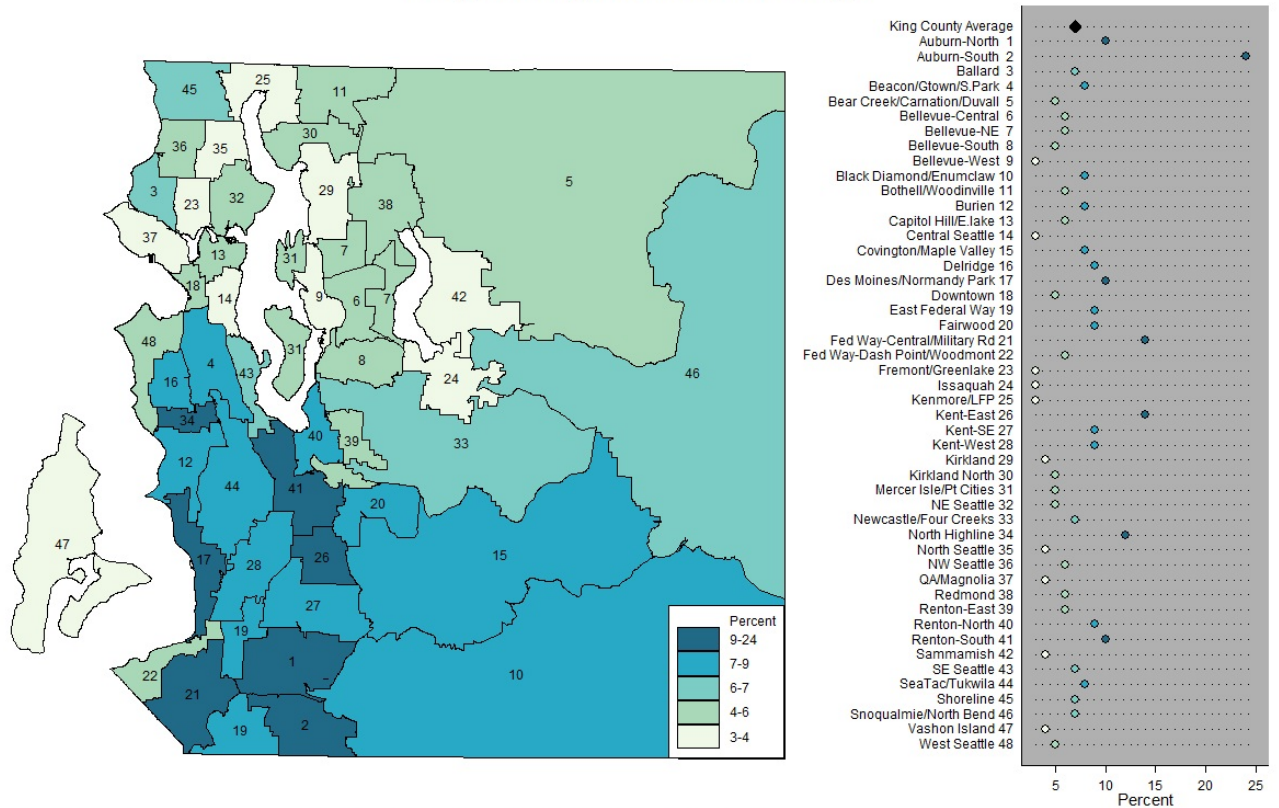Prepared by Public Health - Seattle & King County, APDE, 12/2014.

CI is 95% Confidence Interval.

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§ Too few cases to meet precision standard, interpret with caution.

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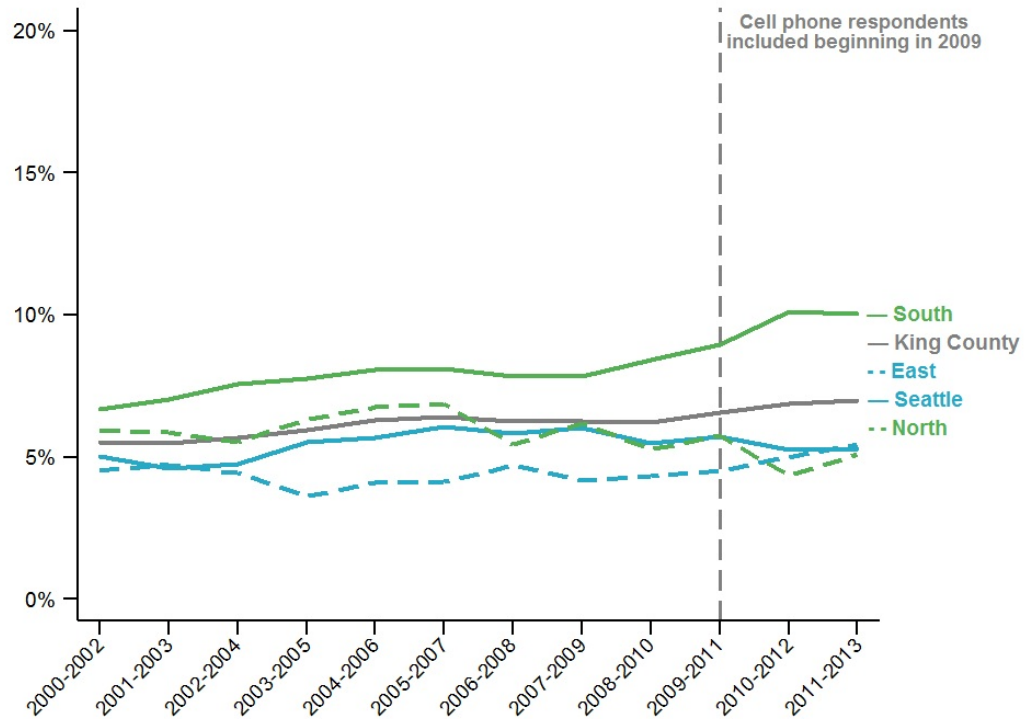
Diabetes (adults) by health reporting areas
King County, 2009-2013 average

King County Average
Auburn-North 1
Auburn-South 2
Ballard 3
Beacon/Gtown/S.Park 4
Bear Creek/Carnation/Duvall 5
Bellevue-Central 6
Bellevue-NE 7
Bellevue-South 8
Bellevue-West 9
Black Diamond/Enumclaw 10
Bothell/Woodinville 11
Burien 12
Capitol Hill/E.lake 13
Central Seattle 14
Covington/Maple Valley 15
Delridge 16
Des Moines/Normandy Park 17
Downtown 18
East Federal Way 19
Fairwood 20
Fed Way-Central/Military Rd 21
Fed Way-Dash Point/Woodmont 22
Fremont/Greenlake 23
Issaquah 24
Kenmore/LFP 25
Kent-East 26
Kent-SE 27
Kent-West 28
Kirkland 29
Kirkland North 30
Mercer Isle/Pt Cities 31
NE Seattle 32
Newcastle/Four Creeks 33
North Highline 34
North Seattle 35
NW Seattle 36
QA/Magnolia 37
Redmond 38
Renton-East 39
Renton-North 40
Renton-South 41
Sammamish 42
SE Seattle 43
SeaTac/Tukwila 44
Shoreline 45
Snoqualmie/North Bend 46
Vashon Island 47
West Seattle 48

Percent
9-24
7-9
6-7
4-6
3-4

Note: HRA labels on the map match the chart on the right, listed in alphabetical order
Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.

Diabetes (adults)
King County, 2000-2013, three-year rolling averages

Cell phone respondents
included beginning in 2009

- South
- King County
- East
- Seattle
- North

x-axis labels: 2000-2002, 2001-2003, 2002-2004, 2003-2005, 2004-2006, 2005-2007, 2006-2008, 2007-2009, 2008-2010, 2009-2011, 2010-2012, 2011-2013

y-axis labels: 0%, 5%, 10%, 15%, 20%

Source: Behavioral Risk Factor Surveillance System.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.

King County
Hospitals
for a Healthier
Community

Diabetes (School-Age)

Diabetes (School-Age)
•Most recent data (2010): 3% of King County youth attending public schools in the 8th, 10th and 12th grades.
•Trend over time: 2006-10: falling
•Description: Ever told by doctor to have diabetes

Diabetes (school-age), King County, 2008 and 2010

	Percent	Lower CI	Upper CI
King County (school-age youth in 8th, 10th and 12th grades)	4	4	4
GRADE			
Grade 8	4	3	4
Grade 10	4	4	5
Grade 12	4	3	4
GENDER			
Male	5	4	5
Female	3	3	4
RACE/ETHNICITY			
AIAN	5	3	8
Asian	4	3	4
Black	7	5	9
Hispanic	5	4	6
Multiple	4	3	5
NHPI	6	4	8
White	3	3	4
Other	4	4	5
REGION			
East	4	3	4
North	3	2	4
Seattle	5	4	6
South	4	4	4

Comparisons:

Higher than King County rate (yellow)
Lower than King County rate (green)

Notes:

Source: Healthy Youth Survey.

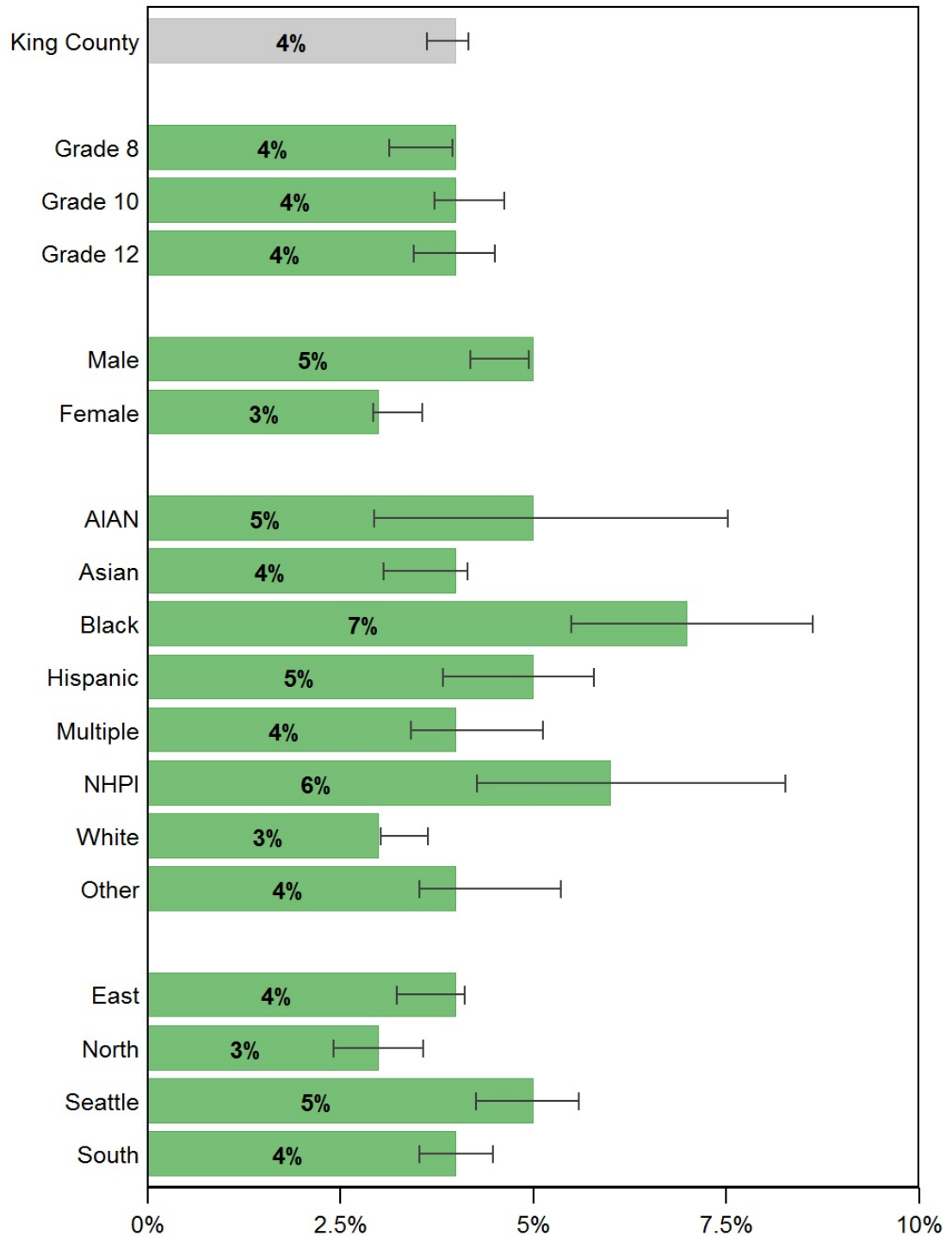Prepared by Public Health - Seattle & King County, APDE, 12/2014.

CI is 95% Confidence Interval.

* Too few cases to protect confidentiality and/or report reliable rates.

§ Too few cases to meet precision standard, interpret with caution.

Data by income or poverty level not available.

Diabetes (school-age)
King County, 2008 and 2010

Category	Value
King County	4%
Grade 8	4%
Grade 10	4%
Grade 12	4%
Male	5%
Female	3%
AIAN	5%
Asian	4%
Black	7%
Hispanic	5%
Multiple	4%
NHPI	6%
White	3%
Other	4%
East	4%
North	3%
Seattle	5%
South	4%

Source: Healthy Youth Survey.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.
|------| Confidence interval shows range that includes true value 95% of the time.
* Too few cases to protect confidentiality and/or report reliable rates.
§ Too few cases to meet precision standard, interpret with caution.
Data by income or poverty level not available.

Diabetes (school-age) by comparison areas

There is no Healthy People 2020 Objective for diabetes (school-age).

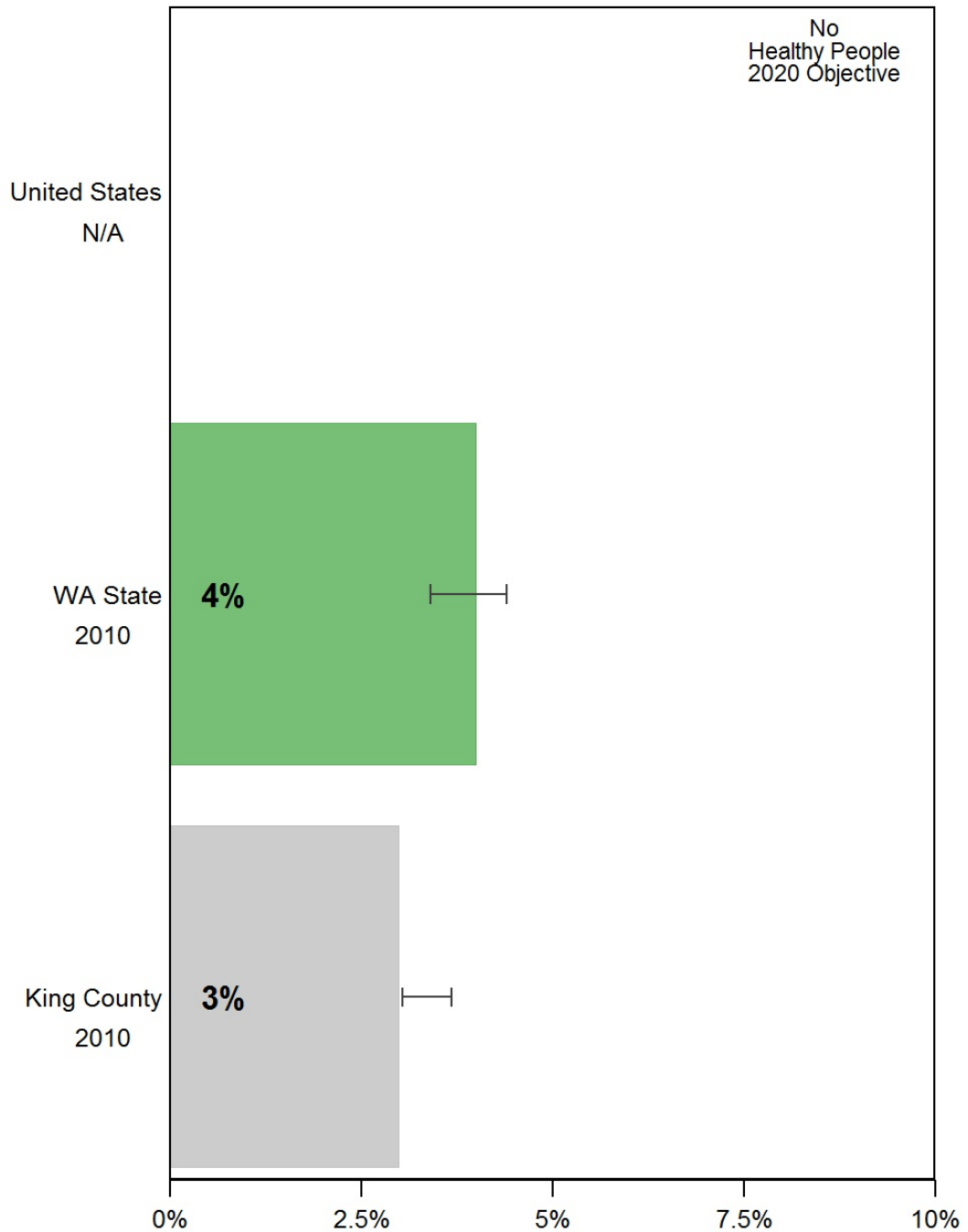|	Latest Available Year	Percent	Lower CI	Upper CI
United States	N/A	N/A	N/A	N/A
WA State	2010	4	3	4
King County	2010	3	3	4

Notes:

Source: Healthy Youth Survey.

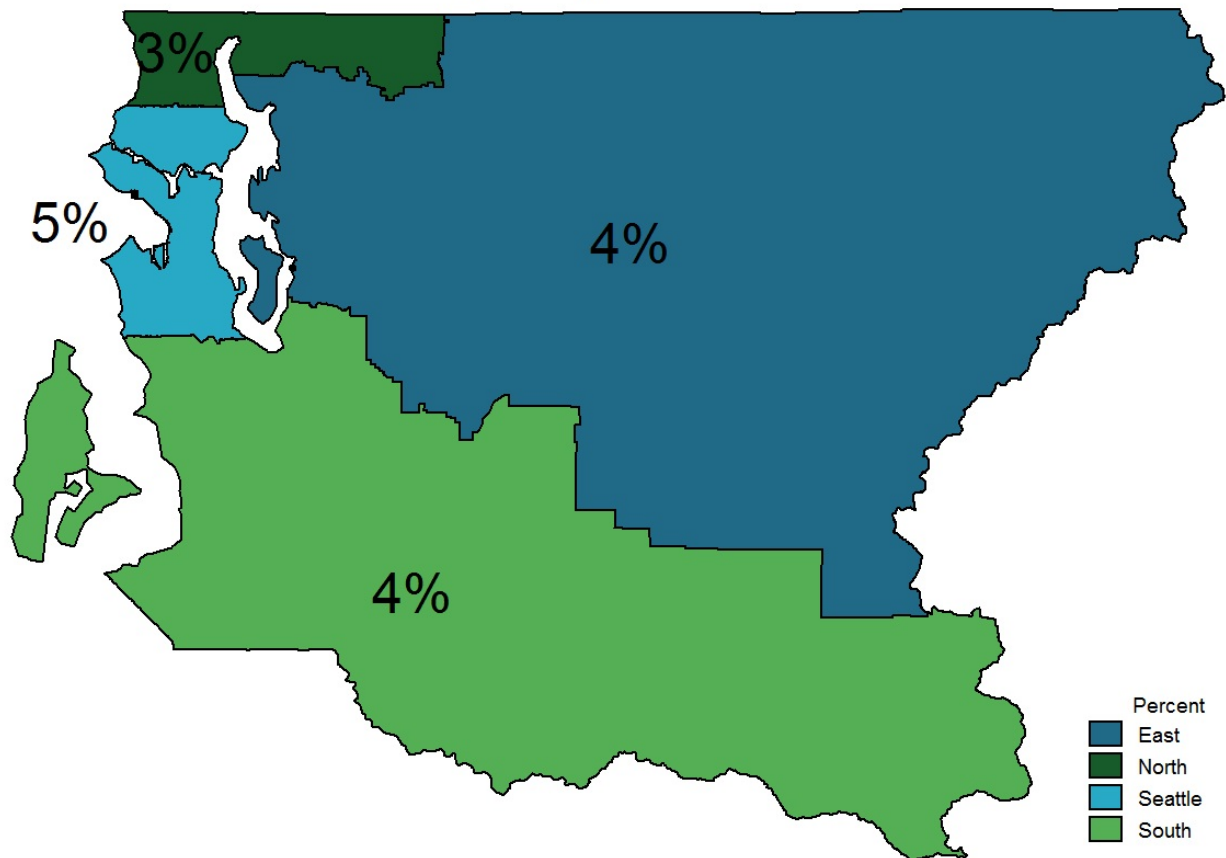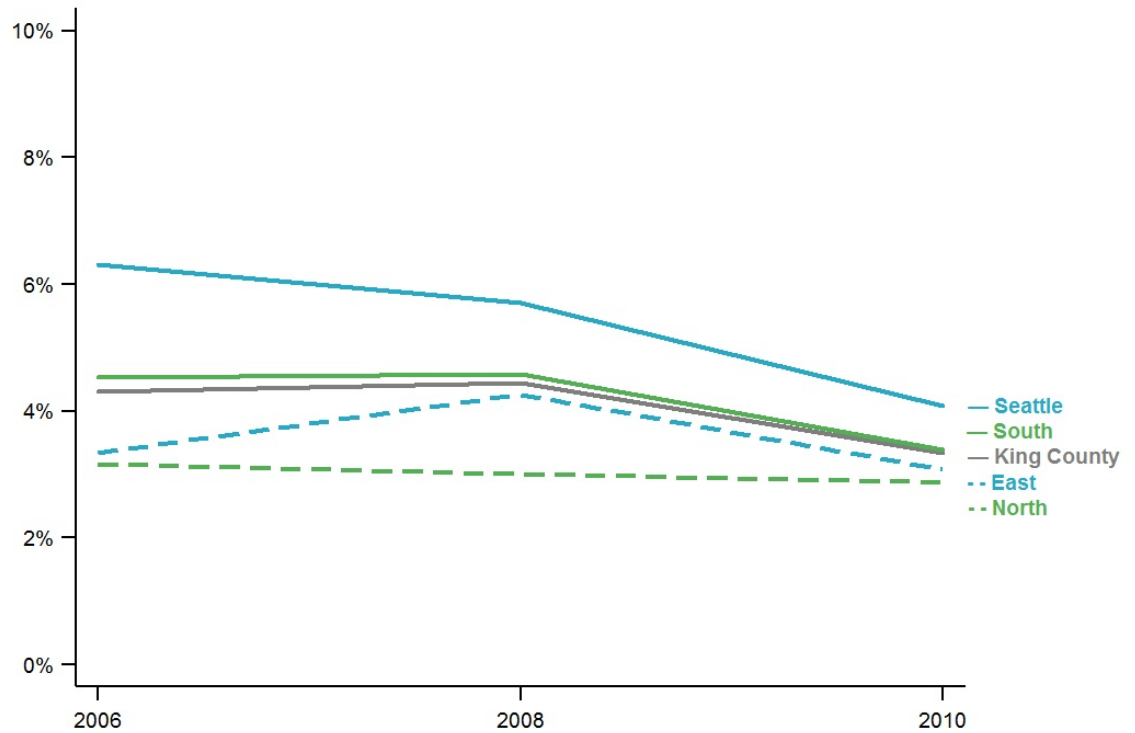Prepared by Public Health - Seattle & King County, APDE, 12/2014.

N/A: Not available.

CI is 95% Confidence Interval.

Diabetes (school-age)
by comparison areas

No
Healthy People
2020 Objective

United States
N/A

WA State
2010   **4%**

King County
2010   **3%**

0%   2.5%   5%   7.5%   10%

Diabetes (school-age) by regions
King County, 2008 and 2010

3%

5%

4%

4%

Percent
- East
- North
- Seattle
- South

Diabetes (school-age)
King County, 2004-2010

Source: Healthy Youth Survey.
Prepared by Public Health - Seattle & King County, APDE, 12/2014.

King County
Hospitals
for a Healthier
Community

HIV prevalence
King County, 2013

HIV Prevalence is the rate of persons who are seropositive for the human immunodeficiency virus.
Source: *HIV/AIDS Registry data, Prevention Division, Public Health - Seattle & King County*
Most recent data (2013): 326.9 cases per 100,000 in King County, including 6,995 cases.

	Rate	Lower CI	Upper CI	Count
King County (all ages)	326.9	319.3	334.8	6995
Age				
<20	8.4	6.0	11.5	39
20-29	164.6	149.8	180.4	456
30-39	405.2	382.9	428.5	1230
40-49	782.7	751.2	815.2	2320
50-59	766.8	734.7	800.1	2135
60+	242.1	225.8	259.3	815
Gender				
Female	79.0	73.6	84.8	814
Male	572.4	558.1	587.1	6181
Race/Ethnicity				
AIAN, NH	371.4	280.8	499.6	58
Asian, NH	79.8	70.0	90.7	247
Black, NH	1061.7	1004.5	1122.3	1321
Hispanic	581.0	539.7	627.5	845
Multiple, NH	279.0	234.1	338.1	154
NHPI, NH	166.8	107.7	364.0	26
White, NH	293.0	284.2	302.1	4344
Neigborhood poverty				
High	470.1	443.9	497.6	1243
Medium	254.1	245.6	262.9	3420
Low	77.2	69.7	85.5	400
Region				
East	65.2	58.5	72.5	350
North	132.9	113.6	154.9	177
Seattle	507.9	490.8	525.7	3420
South	145.0	136.5	153.9	1116

Notes:

N/A: Not available
* Too few cases to protect confidentiality and/or report reliable rates
§ Too few cases to meet precision standard, interpret with caution
CI is 95% Confidence Interval
Rate = HIV prevalent cases per 100,000 population, age-adjusted to the 2000 US population
Neighborhood poverty level and region estimates exclude the 28% of cases with no address.
NH: Non-Hispanic

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 5/2014

King County
Hospitals
for a **Healthier**
Community

HIV prevalence
King County, 2013
Source: HIV/AIDS Registry data, Prevention Division, Public Health - Seattle & King County

Health Reporting Area	Rate	Lower CI	Upper CI	Count
King County	326.9	319.3	334.8	6995
Auburn	105.2	81.5	134.4	68
Auburn-North	93.1	65.0	130.1	36
Auburn-South	123.9	84.3	178.7	32
Bear Creek/Carnation/Duvall	31.8	19.8	52.1	24
Bellevue	88.5	73.5	106.0	125
Bellevue-Central	133.3	97.2	179.7	46
Bellevue-NE	67.1	43.6	100.6	26
Bellevue-South	59.0	34.8	97.6	21
Bellevue-West	100.4	68.3	145.1	32
Black Diamond/Enumclaw/SE County	31.8	18.4	53.2	18
Bothell/Woodinville	81.9	54.5	119.7	29
Burien	238.1	197.0	285.8	121
Covington/Maple Valley	49.4	32.6	74.8	28
Des Moines/Normandy Park	173.4	132.8	223.5	65
East Federal Way	82.2	55.6	120.1	32
Fairwood	60.4	34.6	106.4	17
Federal Way	143.7	119.5	172.0	127
Fed Way-Central/Military Rd	120.3	93.2	153.9	68
Fed Way-Dash Pt	187.7	142.1	245.2	59
Issaquah	90.1	60.2	133.3	29
Kenmore/Lake Forest Park	125.1	91.2	168.6	47
Kent	171.5	148.9	197.3	210
Kent-East	119.0	86.5	162.5	45
Kent-SE	165.5	133.4	204.6	93
Kent-West	253.9	197.9	327.4	72
Kirkland	70.1	53.4	91.1	61
Kirkland	74.2	52.3	103.5	38
Kirkland North	63.4	39.8	99.1	23
Mercer Isle/Pt Cities	84.3	49.5	138.8	22
Newcastle/Four Creeks	33.3	17.3	63.5	13
North Highline	271.2	201.7	362.8	52
Redmond	85.5	62.9	115.4	49
Renton	156.9	134.8	182.0	183
Renton-East	108.5	74.6	156.8	34
Renton-North	211.1	163.8	269.5	69
Renton-South	155.0	122.5	194.1	80
Sammamish	43.2	26.2	75.5	22
SeaTac/Tukwila	324.3	275.6	381.1	161
Seattle	567.2	546.1	589.2	2813
Ballard	215.8	178.7	260.6	127
Beacon/Georgetown/S Park	436.2	375.0	505.3	185
Capitol Hill/Eastlake	1423.2	1316.9	1540.0	718
Central Seattle	978.6	890.9	1074.7	469
Delridge	498.1	423.4	586.0	160
Downtown	1400.6	1295.9	1534.0	704
Fremont/Greenlake	189.9	152.3	237.9	99
NE Seattle	152.3	122.5	188.2	95
North Seattle	250.2	207.1	302.0	123
NW Seattle	285.8	238.5	342.7	133
Queen Anne/Magnolia	320.1	277.0	370.5	208
SE Seattle	488.3	424.9	559.2	219
West Seattle	281.8	241.6	329.7	180
Shoreline	167.1	135.2	205.4	101
Snoqualmie/N.Bend/Skykomish	36.3	21.2	65.0	18
Vashon Island	168.1	97.4	291.1	21

Notes:

Higher than King County
Lower than King County

* Too few cases to protect confidentiality and/or report reliable rates
§ Too few cases to meet precision standard, interpret with caution
CI is 95% Confidence Interval
Rate = HIV prevalent cases per 100,000 population, age-adjusted to the 2000 US population
Neighborhood poverty level and region estimates exclude the 28% of cases with no address.

Prepared By: Public Health - Seattle & King County;
    Assessment, Policy Development, & Evaluation, 1/2015

HIV prevalence by comparison areas

Source: Washington State Department of Health; HIV/AIDS Registry data, Prevention Division, Public Health - Seattle & King County

There is no Healthy People 2020 Objective for HIV Prevalence.

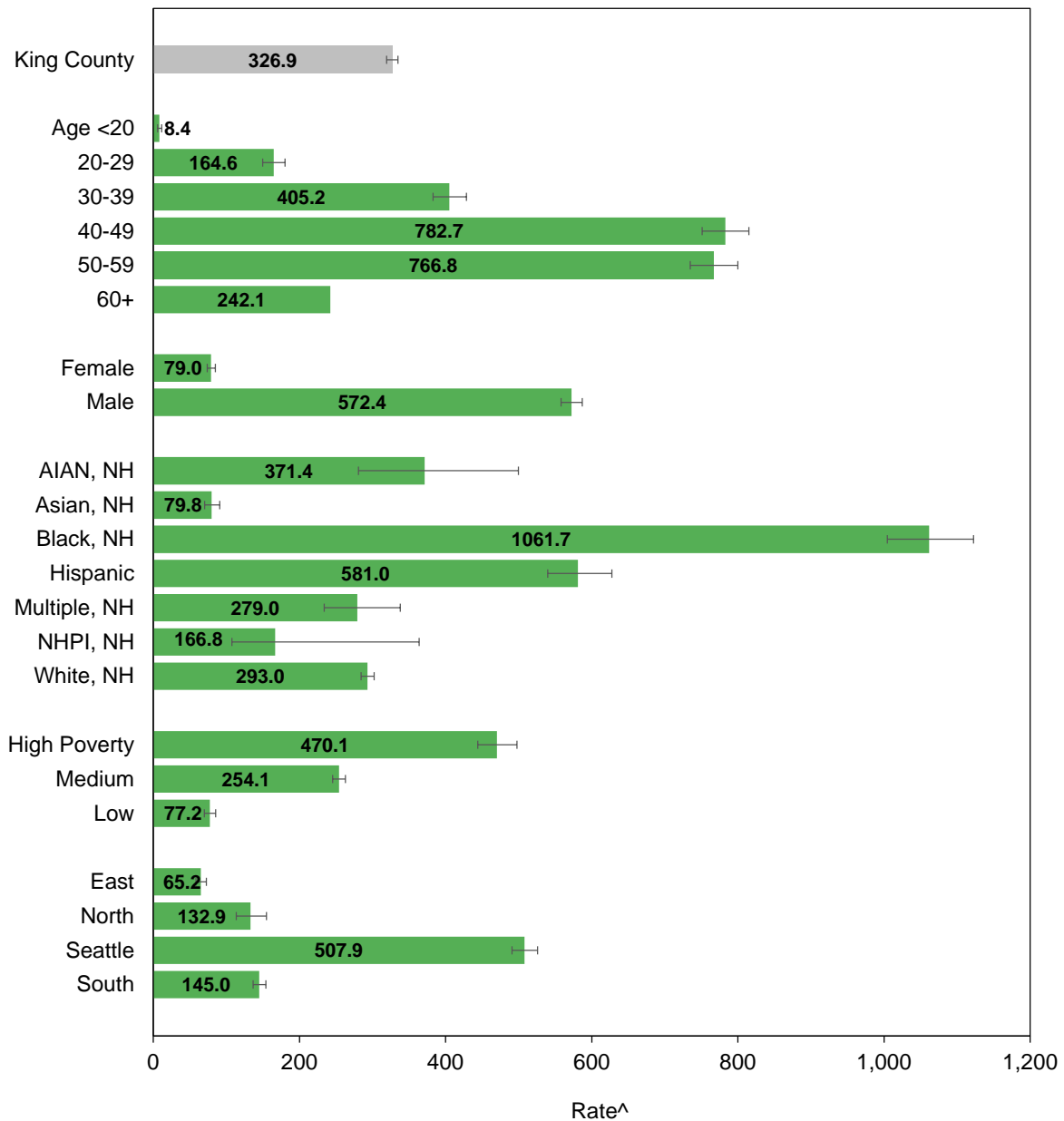|	Latest Available Year	Rate	Lower CI	Upper CI
United States	2010	282.2	N/A	N/A
Washington State	2013	166.1	N/A	N/A
King County	**2013**	**326.9**	**319.3**	**334.8**

Notes:

N/A: Not available

CI is 95% Confidence Interval

Rate = HIV prevalent cases per 100,000 population, age-adjusted to the 2000 US population

Prepared By: Public Health - Seattle & King County;
   Assessment, Policy Development, & Evaluation, 1/2015

HIV prevalence,
King County, 2013

Category	Rate
King County	326.9
Age <20	8.4
20-29	164.6
30-39	405.2
40-49	782.7
50-59	766.8
60+	242.1
Female	79.0
Male	572.4
AIAN, NH	371.4
Asian, NH	79.8
Black, NH	1061.7
Hispanic	581.0
Multiple, NH	279.0
NHPI, NH	166.8
White, NH	293.0
High Poverty	470.1
Medium	254.1
Low	77.2
East	65.2
North	132.9
Seattle	507.9
South	145.0

Rate^

Source: HIV/AIDS Registry data, Prevention Division, Public Health - Seattle & King County

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015
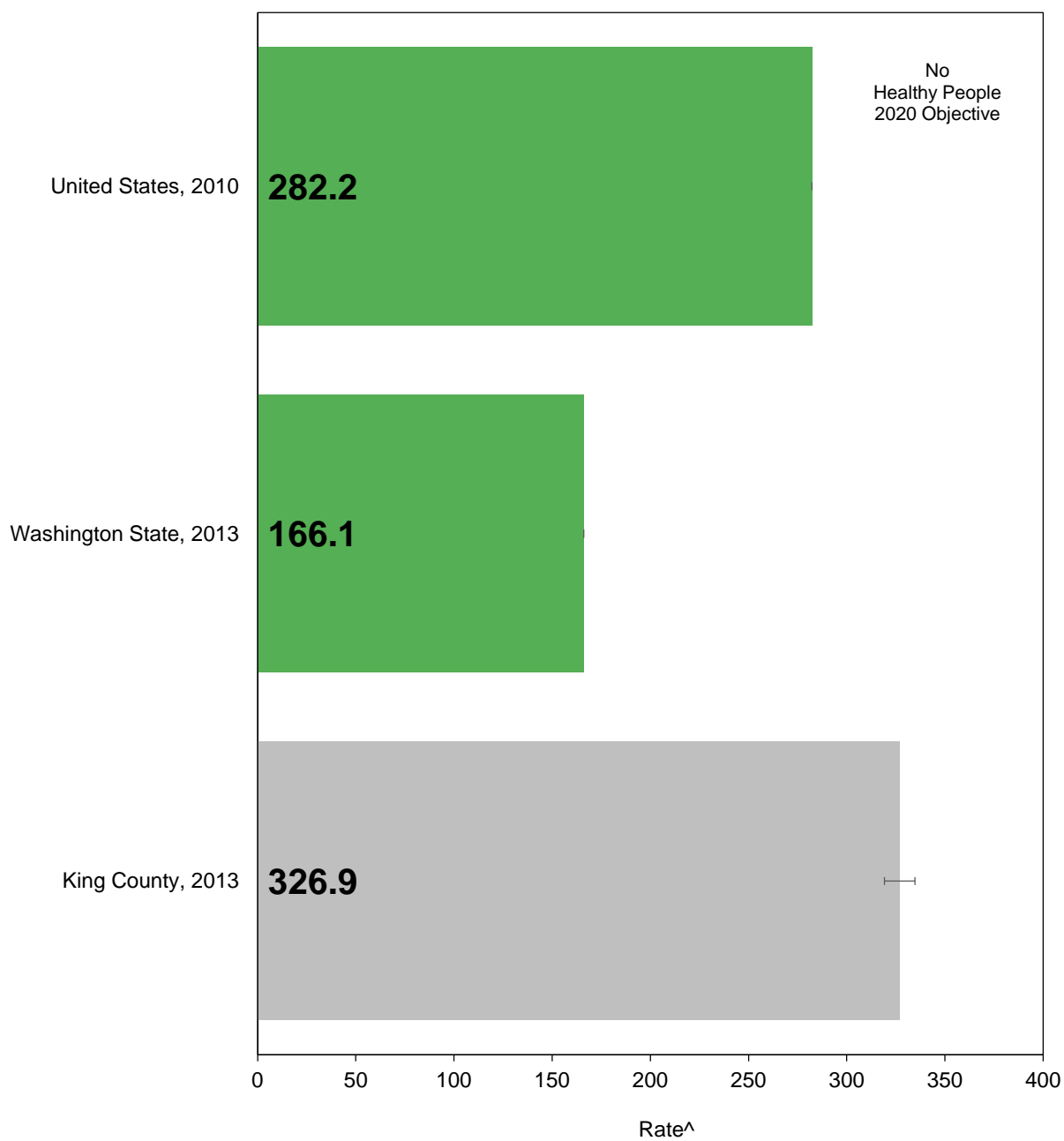
^Rate = Cases per 100,000 population

|-----|: Confidence interval shows range that includes true value 95% of the time

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution
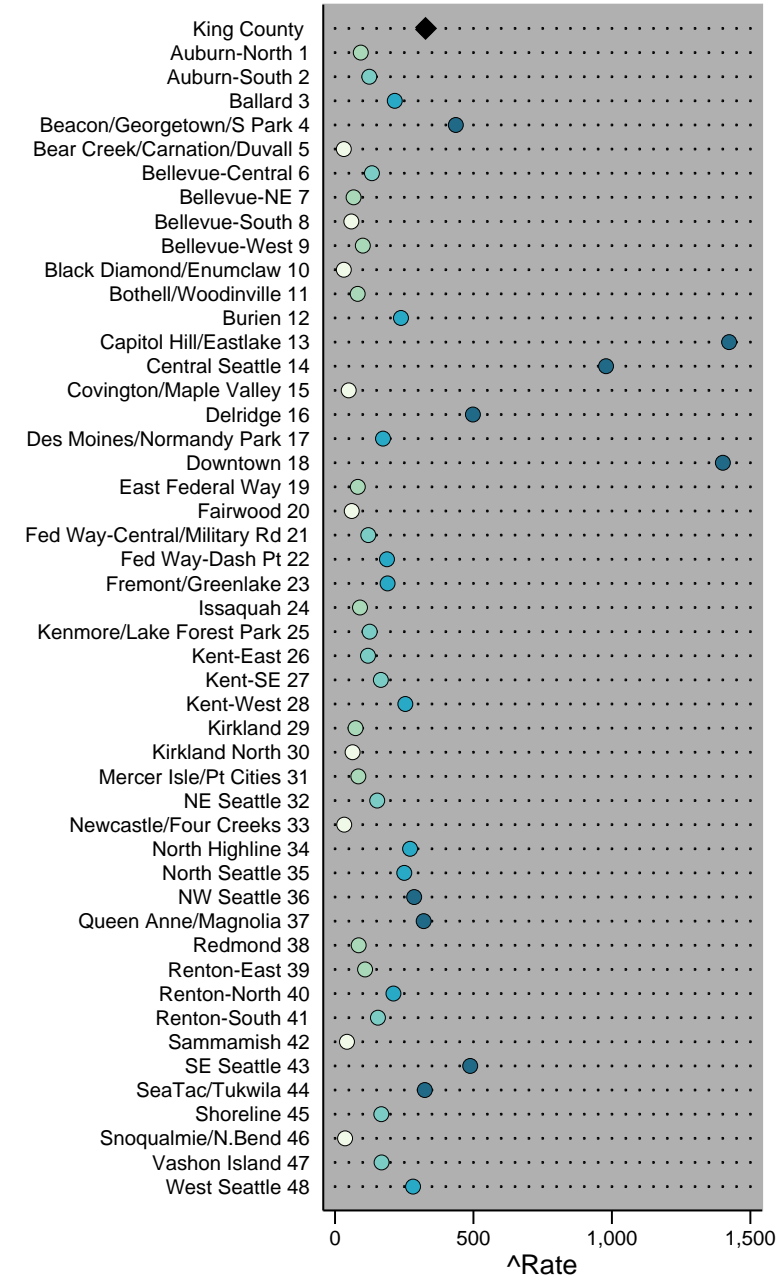
NH: Non-Hispanic
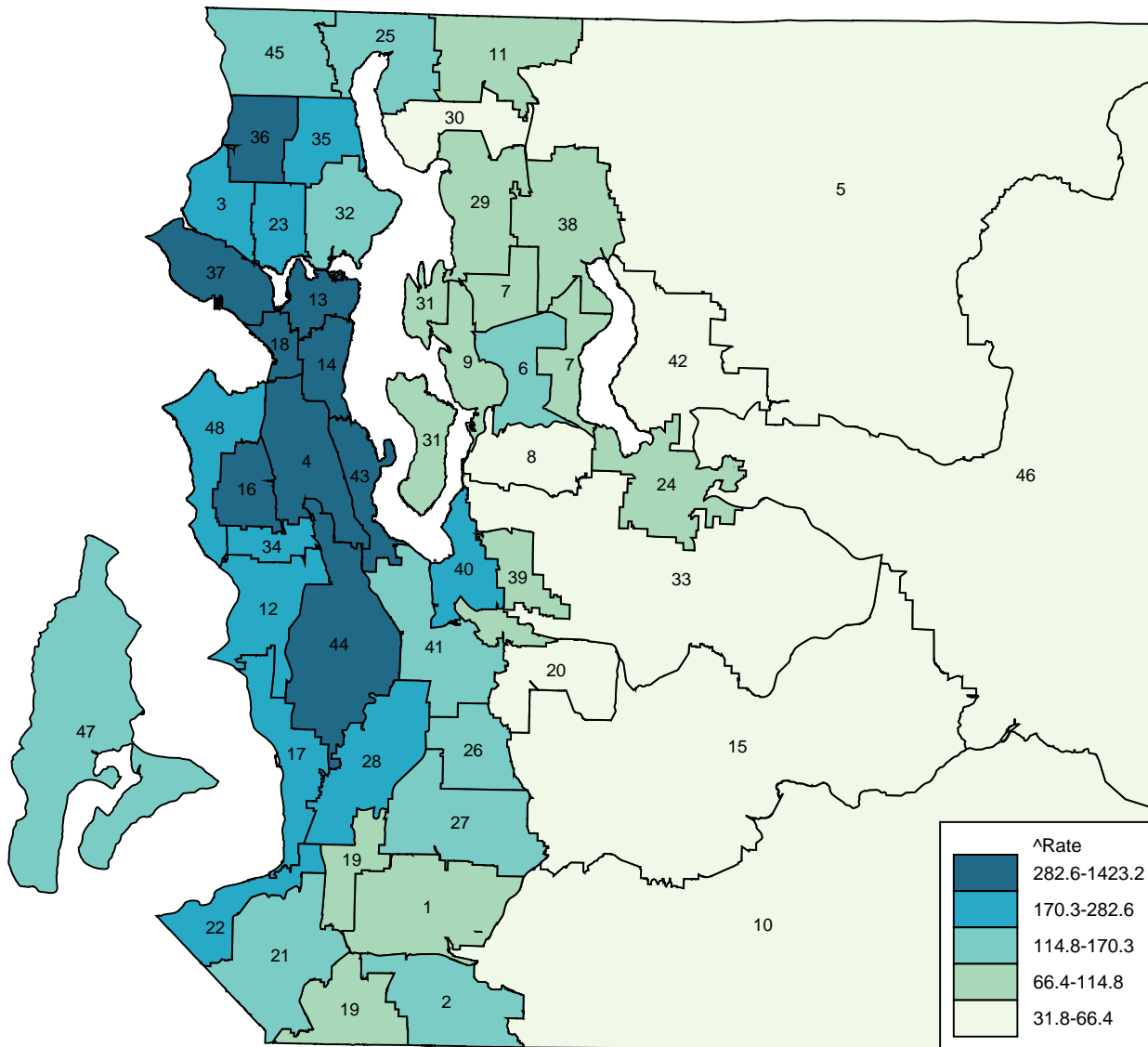
HIV prevalence by comparison areas

No
Healthy People
2020 Objective

United States, 2010 — **282.2**

Washington State, 2013 — **166.1**

King County, 2013 — **326.9**

Rate^

^Rate = Cases per 100,000 population

|-----|: Confidence interval shows range that includes true value 95% of the time

HIV prevalence by health reporting areas, King County, 2013

Map regions (numbered 1–48):
45, 25, 11, 36, 35, 30, 29, 38, 5, 3, 23, 32, 37, 13, 31, 7, 18, 14, 9, 6, 7, 42, 48, 4, 43, 16, 31, 8, 24, 46, 34, 40, 39, 33, 12, 44, 41, 47, 17, 28, 26, 15, 27, 20, 19, 1, 22, 21, 19, 2, 10

^Rate
	282.6-1423.2
	170.3-282.6
	114.8-170.3
	66.4-114.8
	31.8-66.4

Chart categories (right side):
- King County
- Auburn-North 1
- Auburn-South 2
- Ballard 3
- Beacon/Georgetown/S Park 4
- Bear Creek/Carnation/Duvall 5
- Bellevue-Central 6
- Bellevue-NE 7
- Bellevue-South 8
- Bellevue-West 9
- Black Diamond/Enumclaw 10
- Bothell/Woodinville 11
- Burien 12
- Capitol Hill/Eastlake 13
- Central Seattle 14
- Covington/Maple Valley 15
- Delridge 16
- Des Moines/Normandy Park 17
- Downtown 18
- East Federal Way 19
- Fairwood 20
- Fed Way-Central/Military Rd 21
- Fed Way-Dash Pt 22
- Fremont/Greenlake 23
- Issaquah 24
- Kenmore/Lake Forest Park 25
- Kent-East 26
- Kent-SE 27
- Kent-West 28
- Kirkland 29
- Kirkland North 30
- Mercer Isle/Pt Cities 31
- NE Seattle 32
- Newcastle/Four Creeks 33
- North Highline 34
- North Seattle 35
- NW Seattle 36
- Queen Anne/Magnolia 37
- Redmond 38
- Renton-East 39
- Renton-North 40
- Renton-South 41
- Sammamish 42
- SE Seattle 43
- SeaTac/Tukwila 44
- Shoreline 45
- Snoqualmie/N.Bend 46
- Vashon Island 47
- West Seattle 48

X-axis: ^Rate — 0, 500, 1,000, 1,500

Note: HRA labels on the map match the chart on the right, listed in alphabetical order
Source: HIV/AIDS Registry data, Prevention Division, Public Health - Seattle & King County
Prepared by Public Health - Seattle & King County, APDE on 11/4/14.
^Rate = cases per 100,000 population, age-adjusted to the 2000 US population.

Invasive colorectal cancer incidence, King County
King County, 2007-2011 average
Source: Washington State Cancer Registry
Most recent data (2011): 35.6 cases per 100,000 in King County, including 681 cases.

	Rate	Lower CI	Upper CI	Count per Year
King County (all ages)	37.3	36.1	38.7	691
Age				
<18	0.0	0.0	0.2	0
18-24	0.6§	0.2	1.3	1
25-44	7.5	6.6	8.6	46
45-64	49.3	46.6	52.1	251
65+	192.2	183.8	200.9	393
Gender				
Female	33.6	32.0	35.3	341
Male	41.6	39.6	43.7	350
Race/Ethnicity				
AIAN	46.9	28.8	73.9	5
Asian	33.1	29.8	36.8	75
Black	46.6	40.0	54.2	41
Hispanic	26.9	20.2	35.4	16
Multiple	17.1	9.9	28.4	5
NHPI	43.5	20.8	92.3	3
White	37.2	35.8	38.6	555
Neighborhood Poverty Level				
High	40.9	37.1	44.9	90
Medium	37.2	35.7	38.9	443
Low	36.1	33.5	38.8	158
Region				
East	37.3	34.8	39.9	180
North	37.3	33.4	41.5	73
Seattle	36.3	34.0	38.8	193
South	38.3	36.1	40.5	248

Notes:

N/A: Not available

* Too few cases to protect confidentiality and/or report reliable rates
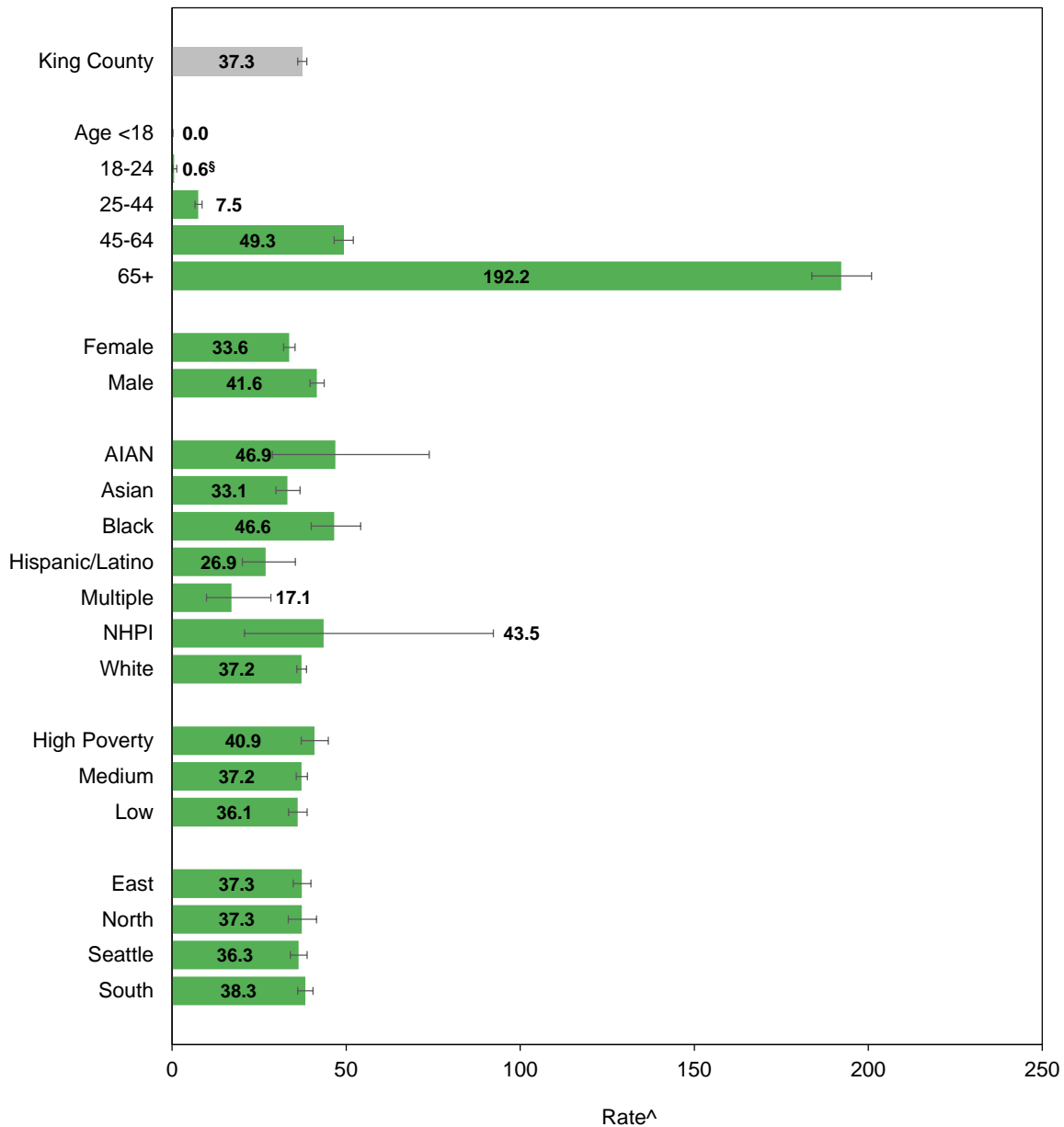
§ Too few cases to meet precision standard, interpret with caution

CI is 95% Confidence Interval

Rate = Cases of invasive colorectal cancer per 100,000 population, age-adjusted to the 2000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

King County
Hospitals
for a Healthier
Community

Invasive colorectal cancer incidence by comparison areas

Source: Surveillance, Epidemiology, and End Results Program; Washington State Cancer Registry

The Healthy People 2020 Objective is 38.6 cases per 100,000.

	Latest Available Year	Rate	Lower CI	Upper CI
United States	2011	39.3	N/A	N/A
Washington State	2011	37.3	35.8	38.8
King County	**2011**	**35.7**	**33.0**	**38.6**

Notes:

N/A: Not available

CI is 95% Confidence Interval

Rate = Cases of invasive colorectal cancer per 100,000 population, age-adjusted to the 2000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

Invasive colorectal cancer incidence, King County, 2007-2011 average

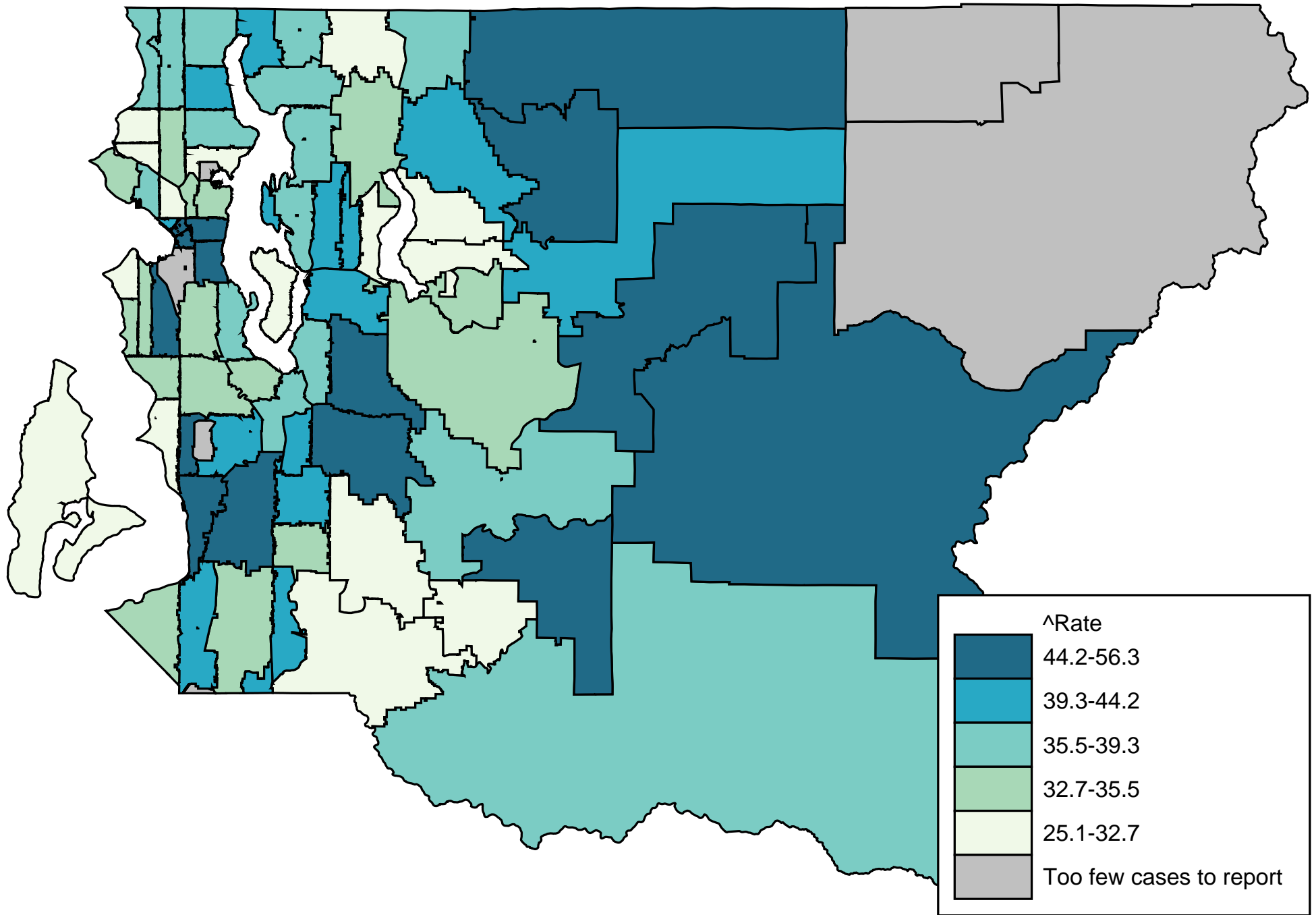| Category	Rate
King County	37.3
Age <18	0.0
18-24	0.6§
25-44	7.5
45-64	49.3
65+	192.2
Female	33.6
Male	41.6
AIAN	46.9
Asian	33.1
Black	46.6
Hispanic/Latino	26.9
Multiple	17.1
NHPI	43.5
White	37.2
High Poverty	40.9
Medium	37.2
Low	36.1
East	37.3
North	37.3
Seattle	36.3
South	38.3

Rate^

Source: Washington State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

^Rate = Cases of invasive colorectal cancer per 100,000 population, age-adjusted to the 2000 US population.

|-----|: Confidence interval shows range that includes true value 95% of the time

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution

Invasive colorectal cancer incidence by comparison areas

Healthy People
2020 Objective

United States, 2011 **39.3**

Washington State, 2011 **37.3**

King County, 2011 **35.7**

0   10   20   30   40   50

Rate^

Source: SEER program; WA State Cancer Registry

^Rate = Cases of invasive colorectal cancer per 100,000 population, age-adjusted to the 2000 US population.

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

|-----|: Confidence interval shows range that includes true value 95% of the time

Invasive colorectal cancer incidence, King County, 2000-2011, three-year rolling averages

Rate^

| | 60 |
| 55 |
| 50 |
| 45 |
| 40 |
| 35 |
| 30 |

2000-2002, 2001-2003, 2002-2004, 2003-2005, 2004-2006, 2005-2007, 2006-2008, 2007-2009, 2008-2010, 2009-2011

South Region
North Region
King
Seattle
East Region

^Rate = Cases of invasive colorectal cancer per 100,000 population, age-adjusted to the 2000 US population.

Invasive colorectal cancer incidence by zip codes, King County, 2007-2011 average

^Rate
- 44.2-56.3
- 39.3-44.2
- 35.5-39.3
- 32.7-35.5
- 25.1-32.7
- Too few cases to report

Source: Source: Washington State Cancer Registry.
Prepared by Public Health - Seattle & King County, APDE on 11/14/14.
^Rate = cases per 100,000 population, age-adjusted to the 2000 US population.

Invasive cervical cancer incidence
King County, 2007-2011 average
Source: Washington State Cancer Registry

Most recent data (2011): 6.0 cases per 100,000 women in King County, including 64 cases.

	Rate	Lower CI	Upper CI	Count per Year
King County (all ages)	6.2	5.6	7.0	64
Age				
<18	0.0	0.0	0.3	0
18-24	*	*	*	*
25-44	8.3	6.9	9.9	24
45-64	11.4	9.6	13.4	29
65+	8.8	6.5	11.5	10
Race/Ethnicity				
AIAN	21.2§	9.3	47.4	2
Asian	6.5	4.8	8.8	9
Black	6.7	4.0	11.1	4
Hispanic	10.1	5.8	17.9	5
Multiple	0.0	0.0	0.0	0
NHPI	*	*	*	*
White	6.1	5.3	6.9	47
Neighborhood Poverty				
High	9.7	7.3	12.6	11
Medium	6.2	5.4	7.1	41
Low	5.0	3.8	6.6	12
Region				
East	4.6	3.6	6.0	13
North	7.3	5.0	10.5	7
Seattle	6.4	5.2	8.0	19
South	7.2	6.0	8.6	26

Notes:

N/A: Not available

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution
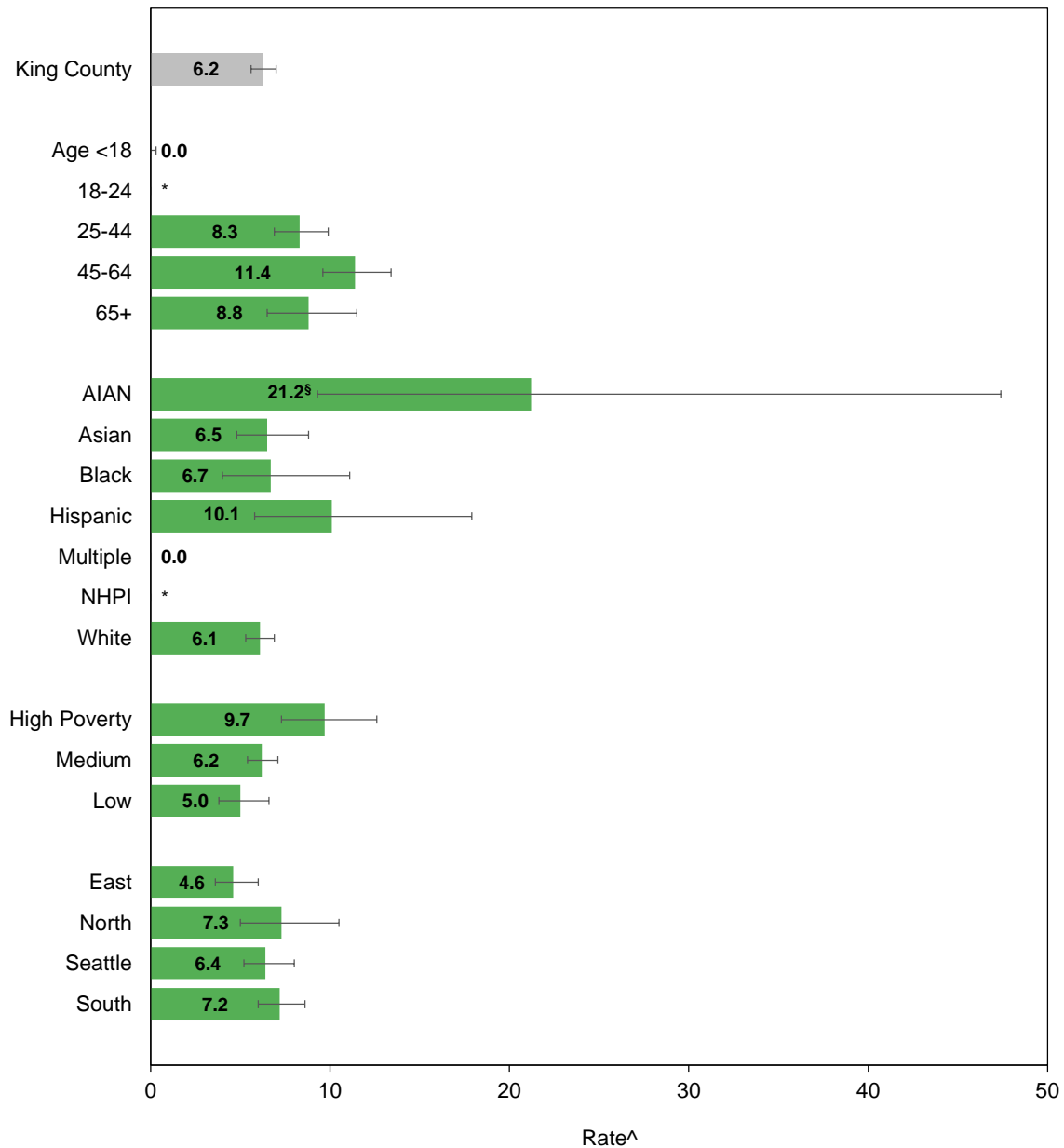
CI is 95% Confidence Interval

Rate = Cases of invasive cervical cancer per 100,000 women, age-adjusted to the 2,000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

King County
Hospitals
for a Healthier
Community

Invasive cervical cancer incidence by comparison areas

Source: Surveillance, Epidemiology, and End Results Program; Washington State Cancer Registry

The Healthy People 2020 Objective is 7.1 cases per 100,000 women.

	Latest Available Year	Rate	Lower CI	Upper CI
United States	2011	6.7	N/A	N/A
Washington State	2011	7.1	6.2	8.0
King County	**2011**	**6.0**	**4.6**	**7.7**

Notes:

N/A: Not available

CI is 95% Confidence Interval

Rate = Cases of invasive cervical cancer per 100,000 women, age-adjusted to the 2000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

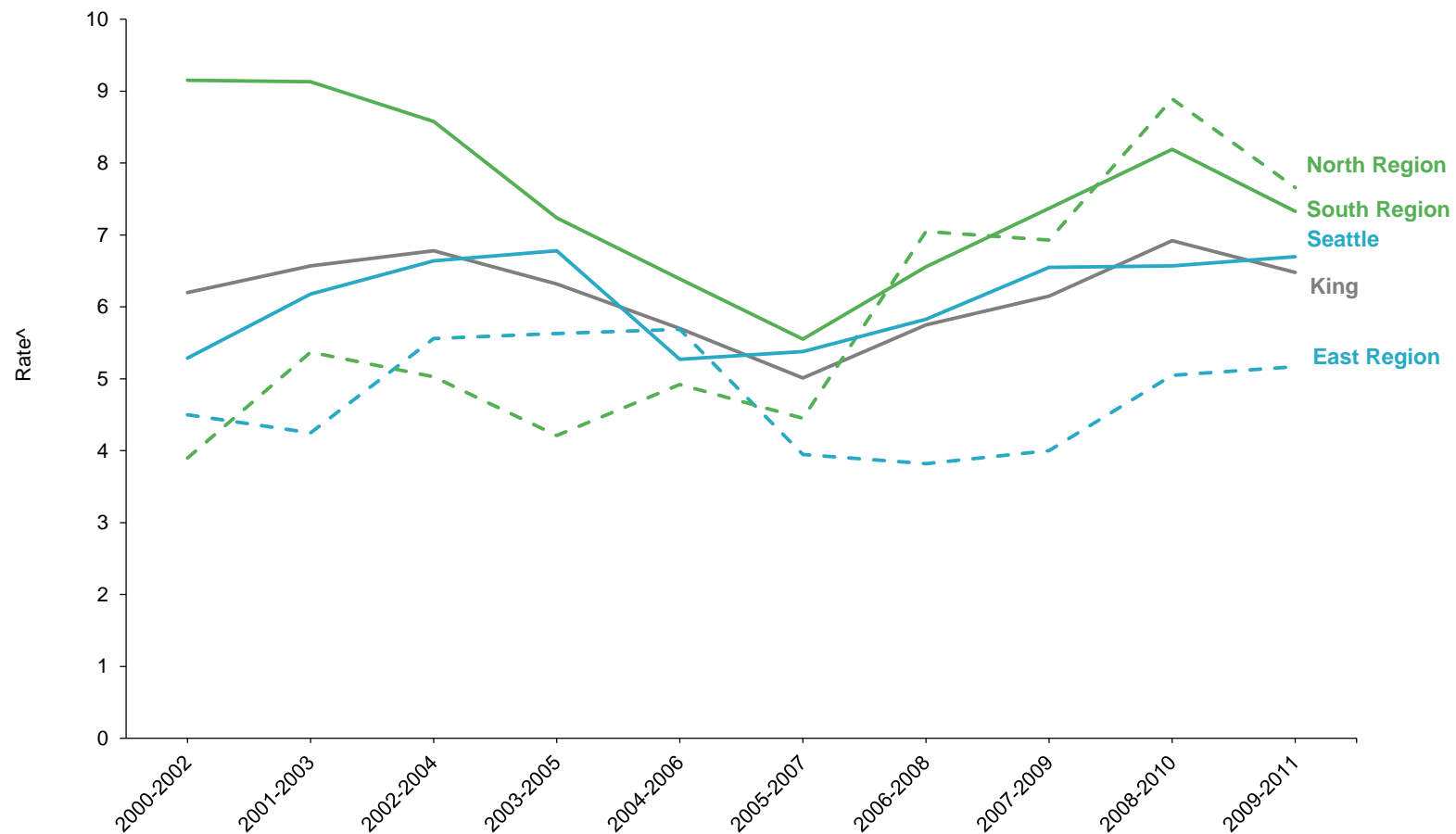# Invasive cervical cancer incidence,
King County, 2007-2011 average

Rate^

Source: Washington State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

 ^Rate = Cases of invasive cervical cancer per 100,000 women, age-adjusted to the 2000 US population.

|-----|: Confidence interval shows range that includes true value 95% of the time

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution

Invasive cervical cancer incidence by comparison areas

Source: SEER Program; WA State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

^Rate = Cases of invasive cervical cancer per 100,000 women, age-adjusted to the 2000 US population.

|-----|: Confidence interval shows range that includes true value 95% of the time

Invasive cervical cancer incidence, King County, 2000-2011, three-year rolling averages

Source: Washington State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

^Rate = Cases of invasive cervical cancer per 100,000 women, age-adjusted to the 2000 US population.

Invasive breast cancer incidence among women
King County, 2007-2011 average
Source: Washington State Cancer Registry
Most recent data (2011): 190.1 cases per 100,000 women in King County, including 2,018 cases.

	Rate	Lower CI	Upper CI	Count per Year
King County (all ages)	140.0	136.7	143.3	1426
Age				
<18	0.0	0.0	0.3	0
18-24	*	*	*	*
25-44	58.6	54.7	62.6	173
45-64	275.5	266.5	284.7	705
65+	469.7	452.3	487.7	547
Race/Ethnicity				
AIAN	81.4	54.6	120.9	7
Asian	89.8	82.8	97.3	124
Black	122.9	108.9	138.6	60
Hispanic	112.7	95.8	132.5	42
Multiple	65.4	47.0	90.6	11
NHPI	131.6	80.2	218.9	6
White	150.8	147.0	154.8	1212
Neighborhood Poverty				
High	129.7	120.5	139.5	152
Medium	138.8	134.7	143.0	904
Low	148.3	141.4	155.5	370
Region				
East	147.6	141.1	154.4	401
North	149.4	138.8	160.8	155
Seattle	136.9	130.7	143.3	393
South	134.8	129.4	140.4	485

Notes:

N/A: Not available

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution
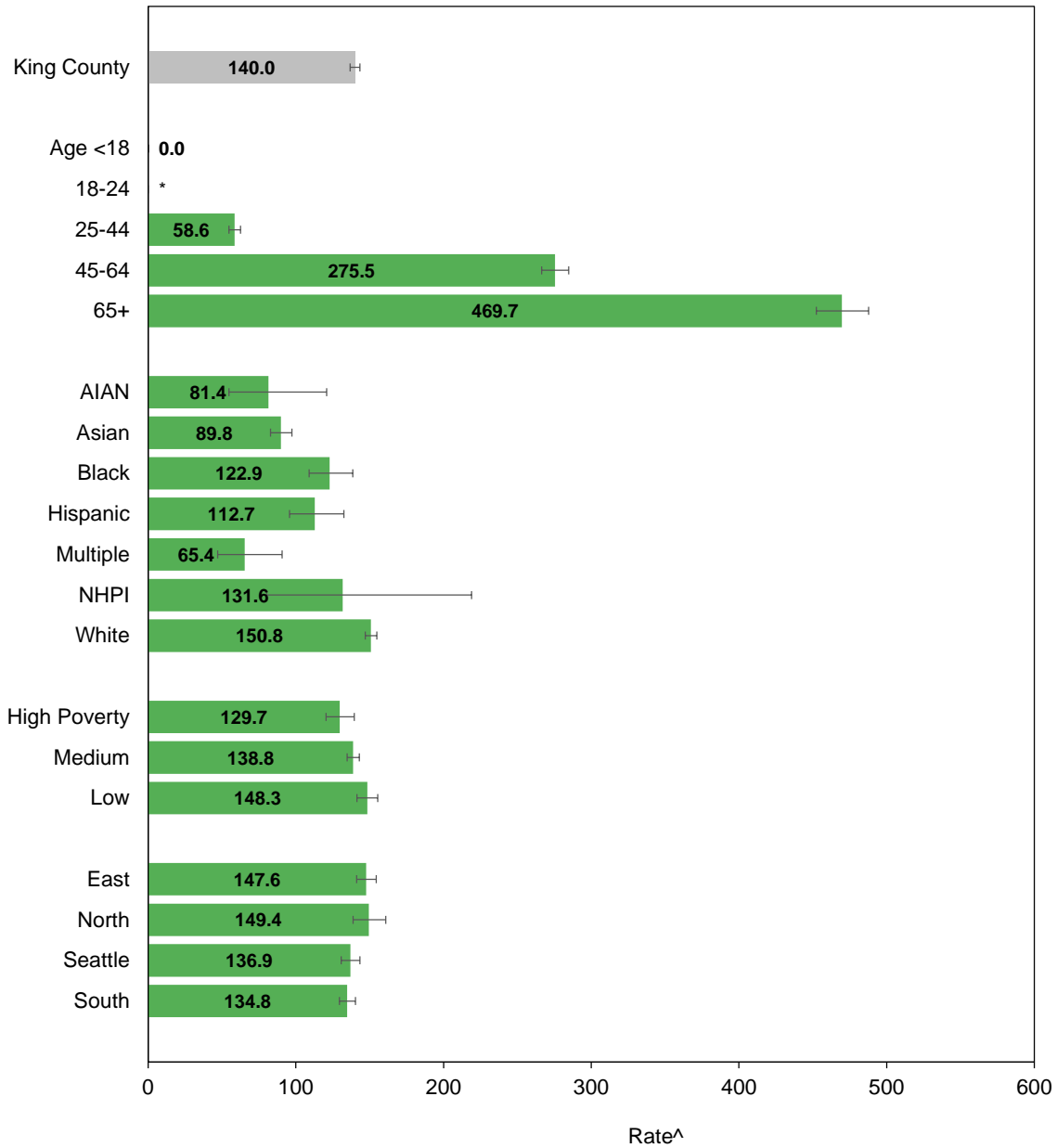
CI is 95% Confidence Interval

Rate = Cases of invasive breast cancer per 100,000 women, age-adjusted to the 2000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

**King County
Hospitals
for a Healthier
Community**

Invasive breast cancer incidence among women by comparison areas

Source: Surveillance, Epidemiology, and End Results Program; Washington State Cancer Registry

There is no Healthy People 2020 Objective for breast cancer.

	Latest Available Year	Rate	Lower CI	Upper CI
United States	2011	129.6	N/A	N/A
Washington State	2011	134.7	131.0	138.6
King County	**2011**	**143.6**	**136.3**	**151.2**

Notes:

N/A: Not available

CI is 95% Confidence Interval

Rate = Cases of invasive breast cancer per 100,000 women, age-adjusted to the 2,000 US population.

Prepared By: Public Health - Seattle & King County;
  Assessment, Policy Development, & Evaluation, 1/2015

Invasive breast cancer incidence among women, King County, 2007-2011 average

Category	Rate
King County	140.0
Age <18	0.0
18-24	*
25-44	58.6
45-64	275.5
65+	469.7
AIAN	81.4
Asian	89.8
Black	122.9
Hispanic	112.7
Multiple	65.4
NHPI	131.6
White	150.8
High Poverty	129.7
Medium	138.8
Low	148.3
East	147.6
North	149.4
Seattle	136.9
South	134.8

Rate^

Source: Washington State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

^Rate = Cases of invasive breast cancer per 100,000 women, age-adjusted to the 2000 US population.

|-----|: Confidence interval shows range that includes true value 95% of the time

* Too few cases to protect confidentiality and/or report reliable rates

§ Too few cases to meet precision standard, interpret with caution

Invasive breast cancer incidence among women by comparison areas

United States, 2011 — **129.6**

No
Healthy People
2020 Objective

Washington State, 2011 — **134.7**

King County, 2011 — **143.6**

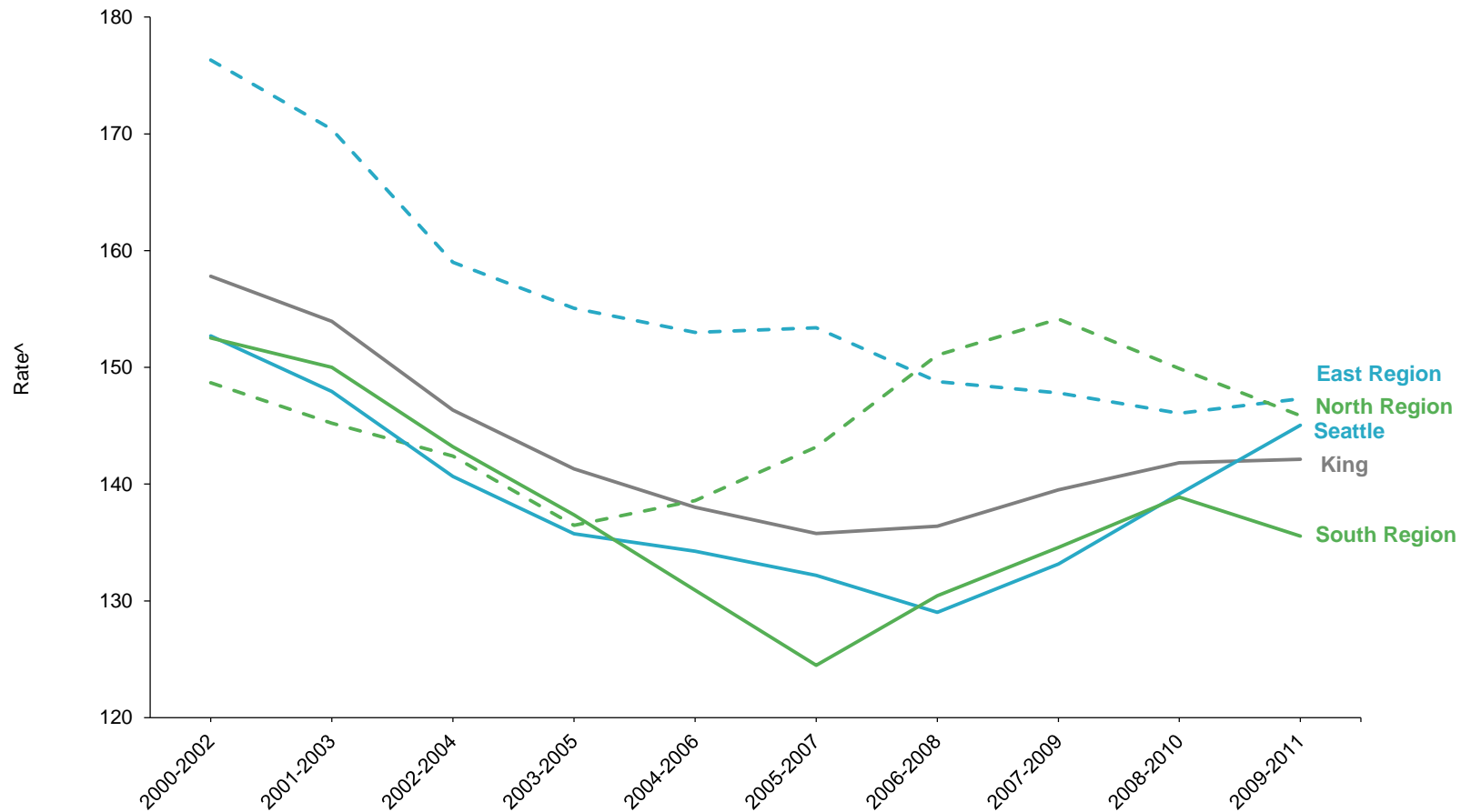Rate^

115   120   125   130   135   140   145   150   155

Source: Surveillance, Epidemiology, and End Results Program; Washington State Cancer Registry

^Rate = Cases of invasive breast cancer per 100,000 women, age-adjusted to the 2000 US population.

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

|-----|: Confidence interval shows range that includes true value 95% of the time

Invasive breast cancer incidence among women, King County, 2000-2011, three-year rolling averages

Rate^

East Region
North Region
Seattle
King
South Region

180
170
160
150
140
130
120

2000-2002
2001-2003
2002-2004
2003-2005
2004-2006
2005-2007
2006-2008
2007-2009
2008-2010
2009-2011

Source: Washington State Cancer Registry

Prepared by: Public Health Seattle & King County, Assessment, Policy Development, & Evaluation, 1/2015

^Rate = Cases of invasive breast cancer per 100,000 women, age-adjusted to the 2000 US population.

Leading causes of hospitalization, by age
King County, 2008-2012 average
Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County			For age <1, see Infant hospitalization causes	Age 1-14				Age 15-24				Age 25-44				Age 45-64				Age 65 and older		
		Rate	Count per Year			Rate	Count per Year			Rate	Count per Year			Rate	Count per Year			Rate	Count per Year			Rate	Count per Year
All Causes		8764.1	168534			1481.8	4756			41572.0	10294			6395.3	30959			7426.7	38624			23538.7	49938
1	Pregnancy-childbirth complications	1229.5	25423		Respiratory infections	171.2	549		Pregnancy/childbirth complications	1873.9	4640		Pregnancy/childbirth complications	3390.6	20708		Heart disease	818.1	4254		Heart disease	3743.5	7942
2	Heart disease	689.8	13135		Asthma	164.1	527		Mental illness	630.8	1562		Mental illness	538.8	3291		Cancer and benign tumors	701.0	3645		Unintentional injuries	2279.1	4835
3	Unintentional injuries	541.9	10428		Unintentional injuries	139.3	447		Unintentional injuries	260.7	646		Unintentional injuries	274.5	1676		Mental illness	624.6	3248		Cancer and benign tumors	1464.9	3108
4	Mental illness	488.5	9762		Lower gastrointestinal disorders	118.0	379		Lower gastrointestinal disorders	194.6	482		Cancer and benign tumors	212.8	1300		Unintentional injuries	530.9	2761		Osteoarthritis	1340.3	2843
5	Cancer and benign tumors	434.4	8535		Mental illness	81.5	262		Cancer and benign tumors	92.5	229		Lower gastrointestinal disorders	192.4	1175		Osteoarthritis	447.7	2328		Infectious and parasitic diseases	1239.0	2629
6	Osteoarthritis	274.2	5287		Cancer and benign tumors	77.3	248		Self-inflicted injuries	73.2	181		Heart disease	134.2	820		Lower gastrointestinal disorders	306.4	1593		Stroke	1230.4	2610
7	Lower gastrointestinal disorders	270.5	5234		Epilepsy, convulsions	69.3	222		Diabetes with complications	61.7	153		Skin infections	119.5	730		Infectious and parasitic diseases	301.6	1568		Respiratory infections	991.6	2104
8	Infectious and parasitic diseases	268.8	5172		Congenital anomalies	69.2	222		Infectious and parasitic diseases	57.7	143		Infectious and parasitic diseases	108.1	660		Spinal joint disease	259.1	1348		Lower gastrointestinal disorders	751.5	1594
9	Respiratory infections	242.5	4503		Skin infections	39.7	127		Skin infections	54.9	136		Spinal joint disease	90.3	552		Stoke	197.5	1027		Urinary tract infections	664.2	1409
10	Stroke	205.3	3839		Infectious and parasitic diseases	32.8	105		Assult	52.3	130		Biliary tract disease	75.2	459		Skin infections	185.1	963		Mental illness	656.8	1393

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include biopolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.
Spinal joint disease: Major sub-causes include intervertebral disc disorders, spondylosis, and spinal stenosis.
Congenital abnomalies: Major sub-causes include heart and digestive anomalies.

* Too few cases to protect confidentiality and/or report reliable rates
§ Too few cases to meet precision standard, interpret with caution
See also Infant Death Causes
Rate = Hospitalizations per 100,000 population.

Prepared By: Public Health - Seattle & King County;
     Assessment, Policy Development, & Evaluation, 10/2014

King County
Hospitals
for a Healthier
Community

Leading causes of hospitalization, by gender

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County				Females				Males		
		Rate	Count per Year			Rate	Count per Year			Rate	Count per Year
All Causes		8771.3	168673			9889.9	99141			7765.1	69532
1	Pregnancy-childbirth complications	1229.5	25423		Pregnancy-childbirth complications	2510.0	25423		Heart disease	850.9	7312
2	Heart disease	689.8	13135		Heart disease	553.1	5822		Unintentional injuries	574.9	5156
3	Unintentional injuries	541.9	10428		Unintentional injuries	498.5	5271		Mental illness	489.9	4843
4	Mental illness	488.5	9762		Mental illness	487.8	4920		Cancer and benign tumors	400.5	3656
5	Cancer and benign tumors	434.4	8535		Cancer and benign tumors	475.8	4882		Infectious and parasitic diseases	303.2	2624
6	Osteoarthritis	274.2	5287		Osteoarthritis	305.8	3135		Lower gastrointestinal disorders	276.8	2561
7	Lower gastrointestinal disorders	270.5	5234		Lower gastrointestinal disorders	263.3	2672		Respiratory infections	265.2	2225
8	Infectious and parasitic diseases	268.8	5172		Infectious and parasitic diseases	242.2	2548		Osteoarthritis	237.4	2152
9	Respiratory infections	242.5	4503		Respiratory infections	226.0	2278		Stroke	226.7	1858
10	Stroke	205.3	3839		Stroke	186.9	1981		Spinal jont disease	159.5	1510

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include biopolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.

Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

Spinal joint disease: Major sub-causes include intervertebral disc disorders, spondylosis, and spinal stenosis.
Congenital abnomalies: Major sub-causes include heart and digestive anomalies.

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  Assessment, Policy Development, & Evaluation, 10/2014

Leading causes of infant hospitalization
King County, 2008-2012 average
Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	Leading Infant Death Causes Age <1	Rate	Count per Year
All Causes		106113.8	26003
1	Newborn delivery	97059.4	23785
2	Respiratory infections	1611.1	395
3	Jaundice	1480.5	363
4	Congenital anomalies	1027.5	252
5	Urinary tract infections	390.1	96
6	Unintentional injuries	268.5	66
7	Infectious and parasitic diseases	210.6	52
8	Upper gastrointestinal disorders	168.1	41
9	Short gestation & low birth weight	167.3	41
10	Fever of unknown origin	157.5	39

Notes:

Newborn delivery refers to routine hospitalization of a newborn infant after birth.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Congenital abnomalies: Major sub-causes include heart and digestive anomalies.

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Leading causes of hospitalization, by neighborhood poverty level

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County				High Poverty				Medium Poverty				Low Poverty		
		Rate	Count per Year			Rate	Count per Year			Rate	Count per Year			Rate	Count per Year
All Causes		8771.3	168673			10876.7	12958			8714.3	134784			7799.8	19071
1	Pregnancy-childbirth complications	1229.5	25423		Pregnancy-childbirth complications	1088.8	1693		Pregnancy-childbirth complications	1235.6	20599		Pregnancy-childbirth complications	1295.6	2984
2	Heart disease	689.8	13135		Mental illness	893.8	1114		Heart disease	683.7	10533		Heart disease	586.6	1431
3	Unintentional injuries	541.9	10428		Heart disease	902.4	1010		Unintentional injuries	536.1	8306		Unintentional injuries	478.7	1158
4	Mental illness	488.5	9762		Unintentional injuries	715.2	840		Mental illness	476.4	7562		Cancer and benign tumors	421.5	1148
5	Cancer and benign tumors	434.4	8535		Cancer and benign tumors	447.3	509		Cancer and benign tumors	429.8	6772		Mental illness	389.7	963
6	Osteoarthritis	274.2	5287		Infectious and parasitic diseases	390.4	448		Infectious and parasitic diseases	272.1	4229		Osteoarthritis	318.3	831
7	Lower gastrointestinal disorders	270.5	5234		Respiratory infections	385.9	435		Osteoarthritis	266.8	4144		Lower gastrointestinal disorders	281.0	719
8	Infectious and parasitic diseases	268.8	5172		Skin infections	309.1	366		Lower gastrointestinal disorders	265.8	4105		Infectious and parasitic diseases	181.0	439
9	Respiratory infections	242.5	4503		Lower gastrointestinal disorders	296.9	356		Respiratory infections	240.0	3584		Respiratory infections	181.2	436
10	Stroke	205.3	3839		Stroke	243.4	267		Stroke	204.8	3108		Stroke	178.5	423

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include biopolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

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Prepared By: Public Health - Seattle & King County;
   Assessment, Policy Development, & Evaluation, 10/2014

Leading causes of hospitalization, by region

King County, 2008-2012 average

Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	King County	Rate	Count per Year	East Region	Rate	Count per Year	North Region	Rate	Count per Year	Seattle	Rate	Count per Year	South Region	Rate	Count per Year
All Causes		8771.3	168673		7620.2	34873		8603.0	15187		8470.9	50427		9960.8	68041
1	Pregnancy-childbirth complications	1229.5	25423	Pregnancy-childbirth complications	1217.9	5699	Pregnancy-childbirth complications	1183.1	1880	Pregnancy-childbirth complications	971.9	7294	Pregnancy-childbirth complications	1526.1	10549
2	Heart disease	689.8	13135	Heart disease	550.4	2537	Heart disease	658.8	1307	Heart disease	660.4	3845	Heart disease	824.4	5445
3	Unintentional injuries	541.9	10428	Unintentional injuries	452.5	2068	Unintentional injuries	552.3	1064	Mental illness	568.2	3648	Unintentional injuries	579.7	3866
4	Mental illness	488.5	9762	Cancer and benign tumors	401.0	1941	Mental illness	528.4	912	Unintentional injuries	569.9	3429	Mental illness	483.8	3382
5	Cancer and benign tumors	434.4	8535	Mental illness	398.9	1820	Cancer and benign tumors	446.6	854	Cancer and benign tumors	432.7	2559	Cancer and benign tumors	457.0	3184
6	Osteoarthritis	274.2	5287	Osteoarthritis	298.5	1411	Infectious and parasitic diseases	319.9	629	Infectious and parasitic diseases	313.6	1870	Lower gastrointestinal disorders	305.6	2086
7	Lower gastrointestinal disorders	270.5	5234	Lower gastrointestinal disorders	258.3	1206	Osteoarthritis	277.7	543	Lower gastrointestinal disorders	239.6	1434	Respiratory infections	296.4	1954
8	Infectious and parasitic diseases	268.8	5172	Infectious and parasitic diseases	176.7	808	Lower gastrointestinal disorders	284.1	507	Osteoarthritis	246.4	1399	Osteoarthritis	279.3	1934
9	Respiratory infections	242.5	4503	Respiratory infections	177.8	802	Stroke	199.0	400	Respiratory infections	242.1	1351	Infectious and parasitic diseases	278.8	1865
10	Stroke	205.3	3839	Stroke	165.8	748	Respiratory infections	217.9	396	Stroke	193.1	1104	Stroke	246.0	1587

Notes:

Pregnancy and child-birth complications: Major complications include prolonged pregnancy, high blood pressure (e.g. preeclampsia, eclampsia),
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Unintentional injuries: Major sub-causes include falls, motor vehicle accidents, and poisoning.
Mental illness: Major sub-causes include biopolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer and benign tumors: Major sub-causes include uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.

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Prepared By: Public Health - Seattle & King County;
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Leading causes of hospitalization, by comparison areas
Source: Washington State Department of Health, Office of Hospital and Patient Data Systems, Hospital Discharge Data.

Rank	Washington State (2011)				King County (2011)		
		Rate	Annual Count			Rate	Annual Count
All Causes		9418.1	129677			8635.4	33700
1	Newborn delivery	1261.1	15885		Newborn delivery	1315.0	4728
2	Heart disease	776.7	11132		Heart disease	642.7	2501
3	Mental illness	460.6	6335		Mental illness	497.4	2006
4	Cancer	422.2	6069		Cancer	410.6	1640
5	Pregnancy complications	426.2	5645		Hospitalization recommended for labor & delivery	354.2	1480
6	Hospitalization recommended for labor & delivery	357.5	4697		Pregnancy complications	342.7	1418
7	Infectious and parasitic diseases	327.8	4656		Labor complications	280.7	1184
8	Osteoarthritis	306.5	4584		Unintentional falls	303.0	1165
9	Unintentional falls	324.5	4551		Infectious and parasitic diseases	295.5	1161
10	Respiratory infections	294.8	4044		Osteoarthritis	281.3	1122
11	Lower gastrointestinal disorders	290.6	4028		Lower gastrointestinal disorders	254.6	997
12	Fractures	263.4	3673		Fractures	243.8	944
13	Labor complications	274.8	3664		Respiratory infections	241.9	909
14	Stroke	216.2	3069		Stroke	202.7	776

Notes:

Newborn delivery refers to routine hospitalization of a newborn infant after birth.
Heart disease: Major sub-causes include congestive heart failure, cardiac dysrhythmias, acute myocardial infarction (i.e. heart attack), and coronary artery disease.
Mental illness: Major sub-causes include biopolar disorder, depression, schizophrenia, and alcohol and substance-related disorders.
Cancer: Major sub-causes include benign uterine cancer, colorectal cancer, prostate cancer, lung cancer, and lymphatic cancer.
Major reasons why women are hospitalized for labor and delivery include: previous cesarean section, amniotic fluid/cavity complications, fetal malpresentation, and uterine inertia.
Labor complications: Major complications include first and second degree perineal laceration and umbilical cord complications.
Pregnancy complications: Major complications include prolonged pregnancy and high blood pressure (e.g. preeclampsia, eclampsia).
Lower gastrointestinal disorders: Major sub-causes include intestinal obstruction without hernia, appendicitis, and diverticulitis.
Respiratory infections: Major sub-causes include pneumonia and acute bronchitis.
Infectious and parasitic diseases: Major sub-causes include septicemia (bacterial infection of the blood) and viral infection.

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§ Too few cases to meet precision standard, interpret with caution
Rate = Hospitalizations per 100,000, age-adjusted to year 2000 US population.

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