

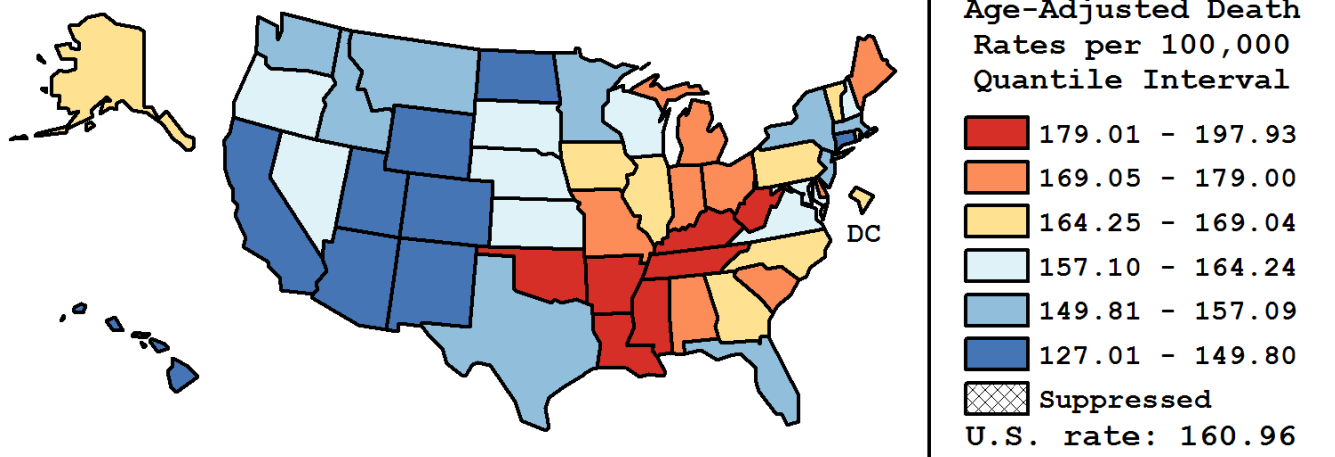
Table 2.18  
All Cancer Sites (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates by State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	160.96	0.10		
High Five States				
Kentucky	197.93	0.89	01(01,01)	22.97 <sup>c</sup>
Mississippi	193.62	1.09	02(02,03)	20.29 <sup>c</sup>
West Virginia	189.41	1.25	03(02,04)	17.67 <sup>c</sup>
Arkansas	185.17	1.03	04(03,07)	15.04 <sup>c</sup>
Tennessee	183.95	0.70	05(04,07)	14.28 <sup>c</sup>
Low Five States				
Arizona	144.08	0.61	47(44,48)	-10.49 <sup>c</sup>
New Mexico	143.99	1.11	48(44,48)	-10.54 <sup>c</sup>
Colorado	138.87	0.73	49(48,49)	-13.72 <sup>c</sup>
Hawaii	133.13	1.25	50(50,50)	-17.29 <sup>c</sup>
Utah	127.01	1.05	51(51,51)	-21.09 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	179.00	0.80	08(08,10)	11.21 <sup>c</sup>	Montana	154.97	1.57	36(32,43)	-3.72
Alaska	164.85	2.56	22(13,34)	2.42	Nebraska	159.29	1.23	33(26,35)	-1.04
Arizona	144.08	0.61	47(44,48)	-10.49 <sup>c</sup>	Nevada	162.29	1.06	28(22,33)	0.83
Arkansas	185.17	1.03	04(03,07)	15.04 <sup>c</sup>	New Hampshire	162.04	1.43	29(20,33)	0.67
California	145.27	0.27	45(44,48)	-9.75 <sup>c</sup>	New Jersey	153.50	0.55	39(36,42)	-4.63
Colorado	138.87	0.73	49(48,49)	-13.72 <sup>c</sup>	New Mexico	143.99	1.11	48(44,48)	-10.54 <sup>c</sup>
Connecticut	145.81	0.82	44(43,48)	-9.41 <sup>c</sup>	New York	150.96	0.36	42(41,43)	-6.21 <sup>c</sup>
Delaware	169.57	1.73	15(12,24)	5.35 <sup>c</sup>	North Carolina	166.90	0.55	19(17,23)	3.69
D.C.	169.04	2.35	17(11,27)	5.02 <sup>c</sup>	North Dakota	149.80	1.92	43(36,46)	-6.93 <sup>c</sup>
Florida	152.56	0.33	41(38,42)	-5.22 <sup>c</sup>	Ohio	177.12	0.51	10(08,11)	10.04 <sup>c</sup>
Georgia	165.57	0.59	21(18,25)	2.86	Oklahoma	183.69	0.93	06(04,07)	14.12 <sup>c</sup>
Hawaii	133.13	1.25	50(50,50)	-17.29 <sup>c</sup>	Oregon	162.79	0.84	26(22,32)	1.14
Idaho	154.81	1.34	37(33,42)	-3.82	Pennsylvania	169.04	0.46	16(14,19)	5.02 <sup>c</sup>
Illinois	168.48	0.49	18(15,20)	4.67	Rhode Island	164.75	1.61	24(16,32)	2.35
Indiana	178.39	0.70	09(08,11)	10.83 <sup>c</sup>	South Carolina	171.81	0.79	13(12,16)	6.74 <sup>c</sup>
Iowa	165.63	0.94	20(17,27)	2.90	South Dakota	160.46	1.81	31(21,36)	-0.31
Kansas	164.24	1.01	25(19,30)	2.04	Tennessee	183.95	0.70	05(04,07)	14.28 <sup>c</sup>
Kentucky	197.93	0.89	01(01,01)	22.97 <sup>c</sup>	Texas	154.01	0.36	38(36,40)	-4.32
Louisiana	183.02	0.86	07(04,07)	13.71 <sup>c</sup>	Utah	127.01	1.05	51(51,51)	-21.09 <sup>c</sup>
Maine	174.06	1.39	12(09,15)	8.14 <sup>c</sup>	Vermont	164.82	2.06	23(14,33)	2.40
Maryland	160.28	0.71	32(27,33)	-0.42	Virginia	160.84	0.60	30(26,33)	-0.07
Massachusetts	155.82	0.63	35(33,38)	-3.19	Washington	157.09	0.65	34(32,37)	-2.40
Michigan	170.42	0.54	14(13,17)	5.88 <sup>c</sup>	West Virginia	189.41	1.25	03(02,04)	17.67 <sup>c</sup>
Minnesota	153.44	0.71	40(36,42)	-4.67	Wisconsin	162.77	0.69	27(22,31)	1.12
Mississippi	193.62	1.09	02(02,03)	20.29 <sup>c</sup>	Wyoming	144.66	2.16	46(43,49)	-10.12 <sup>c</sup>
Missouri	175.59	0.70	11(10,12)	9.09 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

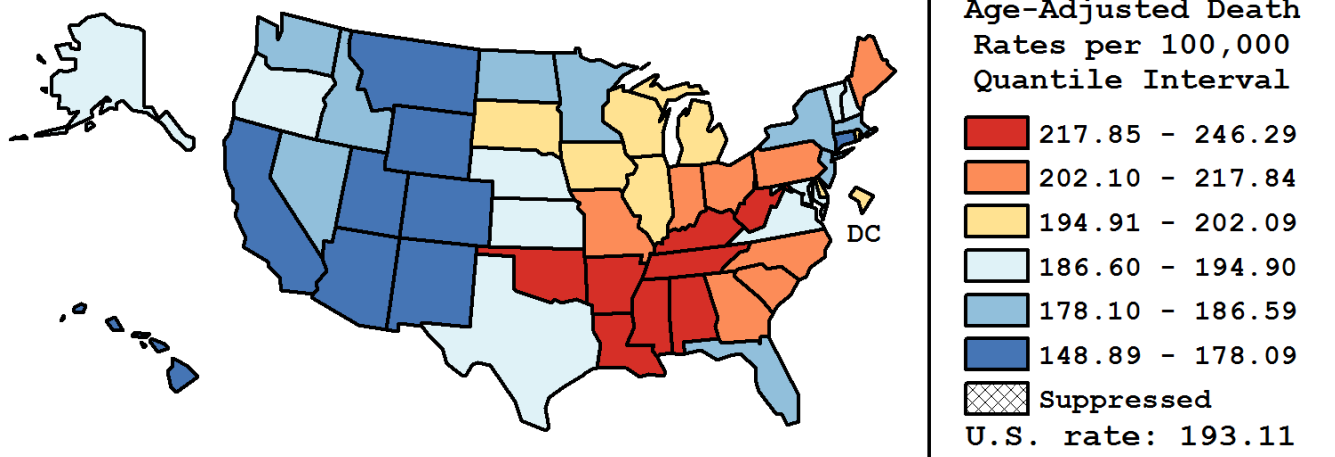
Table 2.19  
All Cancer Sites (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates by State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	193.11	0.16		
High Five States				
Mississippi	246.29	1.90	01(01,02)	27.54 <sup>c</sup>
Kentucky	243.97	1.52	02(01,02)	26.34 <sup>c</sup>
Arkansas	229.84	1.74	03(03,07)	19.02 <sup>c</sup>
Tennessee	228.43	1.21	04(03,07)	18.29 <sup>c</sup>
Louisiana	227.10	1.47	05(03,08)	17.60 <sup>c</sup>
Low Five States				
Arizona	169.21	0.97	47(44,48)	-12.38 <sup>c</sup>
Wyoming	166.15	3.43	48(43,50)	-13.96 <sup>c</sup>
Colorado	163.32	1.21	49(48,50)	-15.43 <sup>c</sup>
Hawaii	160.54	2.04	50(48,50)	-16.86 <sup>c</sup>
Utah	148.89	1.70	51(51,51)	-22.90 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	226.45	1.39	07(03,08)	17.27 <sup>c</sup>	Montana	178.09	2.48	43(35,45)	-7.78 <sup>c</sup>
Alaska	188.05	4.12	32(21,43)	-2.62	Nebraska	190.43	2.03	30(23,36)	-1.39
Arizona	169.21	0.97	47(44,48)	-12.38 <sup>c</sup>	Nevada	184.29	1.67	36(31,41)	-4.57
Arkansas	229.84	1.74	03(03,07)	19.02 <sup>c</sup>	New Hampshire	191.57	2.34	28(21,35)	-0.80
California	171.10	0.45	45(44,47)	-11.40 <sup>c</sup>	New Jersey	180.24	0.91	40(36,43)	-6.66 <sup>c</sup>
Colorado	163.32	1.21	49(48,50)	-15.43 <sup>c</sup>	New Mexico	171.01	1.80	46(43,48)	-11.45 <sup>c</sup>
Connecticut	173.25	1.36	44(42,47)	-10.28 <sup>c</sup>	New York	178.54	0.61	42(39,43)	-7.55 <sup>c</sup>
Delaware	201.73	2.86	18(13,26)	4.46	North Carolina	206.33	0.95	15(13,17)	6.85 <sup>c</sup>
D.C.	194.96	3.94	24(14,36)	0.96	North Dakota	179.08	3.12	41(32,46)	-7.26 <sup>c</sup>
Florida	182.29	0.54	37(35,41)	-5.60 <sup>c</sup>	Ohio	212.88	0.85	11(10,13)	10.24 <sup>c</sup>
Georgia	206.61	1.03	14(12,17)	6.99 <sup>c</sup>	Oklahoma	222.06	1.54	08(06,09)	14.99 <sup>c</sup>
Hawaii	160.54	2.04	50(48,50)	-16.86 <sup>c</sup>	Oregon	190.89	1.36	29(24,33)	-1.15
Idaho	181.37	2.15	39(33,43)	-6.08 <sup>c</sup>	Pennsylvania	203.63	0.76	16(14,20)	5.45 <sup>c</sup>
Illinois	201.57	0.82	19(16,22)	4.38	Rhode Island	201.05	2.72	21(13,27)	4.11
Indiana	217.84	1.18	09(08,10)	12.80 <sup>c</sup>	South Carolina	214.06	1.35	10(09,13)	10.85 <sup>c</sup>
Iowa	201.47	1.56	20(15,23)	4.33	South Dakota	195.40	2.97	22(16,33)	1.18
Kansas	194.71	1.66	26(21,31)	0.83	Tennessee	228.43	1.21	04(03,07)	18.29 <sup>c</sup>
Kentucky	243.97	1.52	02(01,02)	26.34 <sup>c</sup>	Texas	187.30	0.60	33(30,35)	-3.01
Louisiana	227.10	1.47	05(03,08)	17.60 <sup>c</sup>	Utah	148.89	1.70	51(51,51)	-22.90 <sup>c</sup>
Maine	208.25	2.30	13(10,19)	7.84 <sup>c</sup>	Vermont	194.90	3.37	25(16,34)	0.92
Maryland	190.26	1.19	31(25,33)	-1.48	Virginia	193.80	1.02	27(22,30)	0.36
Massachusetts	186.59	1.06	34(30,37)	-3.38	Washington	184.65	1.06	35(32,39)	-4.38
Michigan	202.09	0.89	17(16,22)	4.65	West Virginia	226.87	2.07	06(03,08)	17.48 <sup>c</sup>
Minnesota	181.80	1.17	38(34,42)	-5.86 <sup>c</sup>	Wisconsin	195.04	1.15	23(21,29)	1.00
Mississippi	246.29	1.90	01(01,02)	27.54 <sup>c</sup>	Wyoming	166.15	3.43	48(43,50)	-13.96 <sup>c</sup>
Missouri	210.76	1.17	12(10,14)	9.14 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

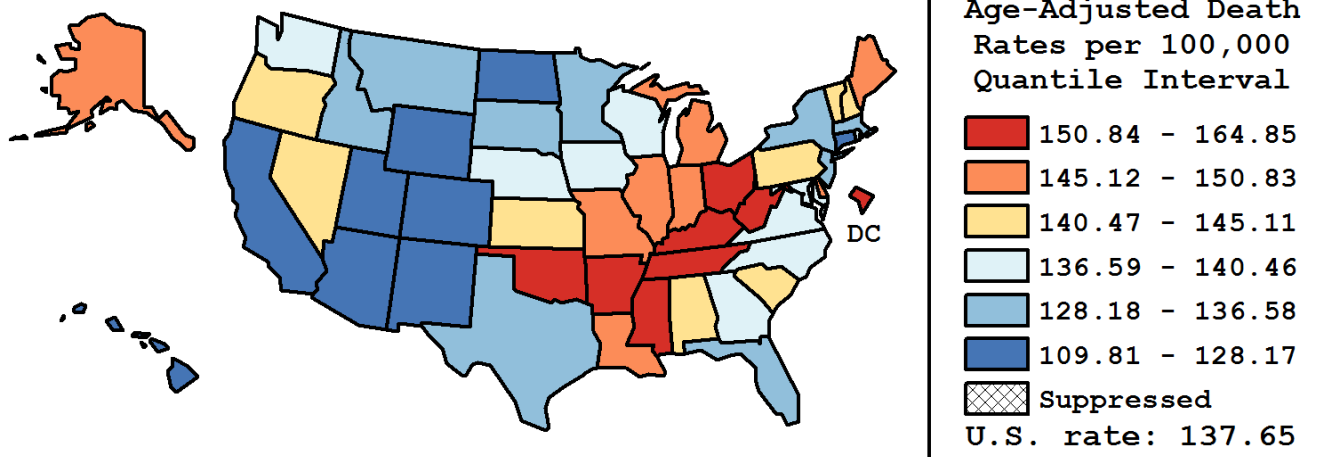
Table 2.20  
All Cancer Sites (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates by State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	137.65	0.12		
High Five States				
Kentucky	164.85	1.09	01(01,02)	19.76 <sup>c</sup>
West Virginia	161.39	1.58	02(01,03)	17.25 <sup>c</sup>
Mississippi	156.25	1.31	03(02,06)	13.51 <sup>c</sup>
Oklahoma	154.86	1.15	04(03,08)	12.50 <sup>c</sup>
D.C.	152.77	2.96	05(02,18)	10.99 <sup>c</sup>
Low Five States				
Arizona	123.88	0.78	47(45,49)	-10.00 <sup>c</sup>
New Mexico	123.12	1.39	48(44,49)	-10.56 <sup>c</sup>
Colorado	121.30	0.93	49(47,49)	-11.88 <sup>c</sup>
Hawaii	112.38	1.58	50(50,51)	-18.36 <sup>c</sup>
Utah	109.81	1.33	51(50,51)	-20.23 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	145.11	0.97	17(13,22)	5.42 <sup>c</sup>	Montana	136.58	2.04	34(20,41)	-0.78
Alaska	145.83	3.27	15(04,33)	5.94 <sup>c</sup>	Nebraska	136.99	1.55	32(22,40)	-0.48
Arizona	123.88	0.78	47(45,49)	-10.00 <sup>c</sup>	Nevada	143.86	1.37	19(13,26)	4.51
Arkansas	151.46	1.27	08(04,13)	10.03 <sup>c</sup>	New Hampshire	140.78	1.81	24(15,35)	2.28
California	126.68	0.34	46(43,46)	-7.97 <sup>c</sup>	New Jersey	135.97	0.68	35(29,38)	-1.22
Colorado	121.30	0.93	49(47,49)	-11.88 <sup>c</sup>	New Mexico	123.12	1.39	48(44,49)	-10.56 <sup>c</sup>
Connecticut	127.03	1.02	45(41,47)	-7.72 <sup>c</sup>	New York	132.44	0.46	40(37,42)	-3.79
Delaware	146.14	2.16	14(05,26)	6.17 <sup>c</sup>	North Carolina	139.11	0.67	29(23,32)	1.06
D.C.	152.77	2.96	05(02,18)	10.99 <sup>c</sup>	North Dakota	128.13	2.44	44(36,49)	-6.92 <sup>c</sup>
Florida	129.01	0.42	42(40,45)	-6.28 <sup>c</sup>	Ohio	151.77	0.63	06(04,11)	10.26 <sup>c</sup>
Georgia	137.00	0.71	31(27,37)	-0.47	Oklahoma	154.86	1.15	04(03,08)	12.50 <sup>c</sup>
Hawaii	112.38	1.58	50(50,51)	-18.36 <sup>c</sup>	Oregon	141.95	1.06	21(16,29)	3.12
Idaho	133.63	1.71	38(29,43)	-2.92	Pennsylvania	144.99	0.57	18(14,21)	5.33 <sup>c</sup>
Illinois	145.73	0.61	16(12,20)	5.87 <sup>c</sup>	Rhode Island	140.46	1.99	25(15,37)	2.04
Indiana	150.07	0.87	11(05,14)	9.02 <sup>c</sup>	South Carolina	141.43	0.96	23(18,29)	2.74
Iowa	139.90	1.18	27(19,34)	1.63	South Dakota	134.57	2.28	37(23,44)	-2.24
Kansas	141.89	1.28	22(15,30)	3.08	Tennessee	151.71	0.86	07(04,12)	10.21 <sup>c</sup>
Kentucky	164.85	1.09	01(01,02)	19.76 <sup>c</sup>	Texas	129.38	0.44	41(40,45)	-6.01 <sup>c</sup>
Louisiana	150.83	1.05	09(04,14)	9.57 <sup>c</sup>	Utah	109.81	1.33	51(50,51)	-20.23 <sup>c</sup>
Maine	148.75	1.75	12(05,19)	8.06 <sup>c</sup>	Vermont	142.26	2.60	20(11,36)	3.35
Maryland	139.93	0.88	26(20,32)	1.66	Virginia	137.33	0.75	30(26,37)	-0.23
Massachusetts	134.92	0.78	36(31,40)	-1.99	Washington	136.64	0.82	33(28,38)	-0.73
Michigan	147.71	0.68	13(10,16)	7.30 <sup>c</sup>	West Virginia	161.39	1.58	02(01,03)	17.25 <sup>c</sup>
Minnesota	133.11	0.90	39(34,41)	-3.30	Wisconsin	139.73	0.88	28(20,32)	1.51
Mississippi	156.25	1.31	03(02,06)	13.51 <sup>c</sup>	Wyoming	128.17	2.80	43(33,49)	-6.89 <sup>c</sup>
Missouri	150.20	0.88	10(05,14)	9.11 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

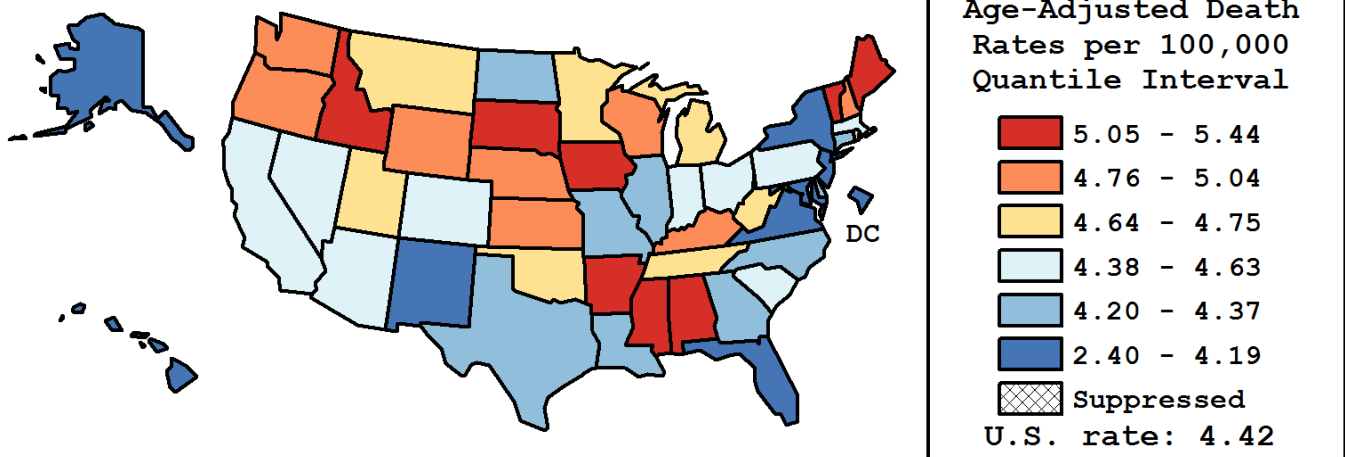
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 3.18  
Cancer of the Brain and Other Nervous System (Invasive)  
Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.42	0.02		
High Five States				
Vermont	5.44	0.39	01(01,37)	23.13 <sup>c</sup>
South Dakota	5.29	0.34	02(01,36)	19.89 <sup>c</sup>
Mississippi	5.29	0.18	03(01,18)	19.80 <sup>c</sup>
Alabama	5.18	0.14	04(01,19)	17.33 <sup>c</sup>
Idaho	5.16	0.24	05(01,32)	16.80 <sup>c</sup>
Low Five States				
New Jersey	4.02	0.09	47(36,49)	-9.03
New York	3.84	0.06	48(45,49)	-13.08
New Mexico	3.60	0.18	49(43,50)	-18.40 <sup>c</sup>
Hawaii	2.83	0.19	50(49,51)	-35.91 <sup>c</sup>
D.C.	2.40	0.28	51(50,51)	-45.54 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	5.18	0.14	04(01,19)	17.33 <sup>c</sup>	Montana	4.72	0.28	18(01,47)	6.91
Alaska	4.13	0.38	44(03,49)	-6.53	Nebraska	5.04	0.22	09(01,34)	14.10
Arizona	4.41	0.11	31(17,45)	-0.03	Nevada	4.40	0.17	32(12,47)	-0.27
Arkansas	5.12	0.18	06(01,24)	15.96 <sup>c</sup>	New Hampshire	4.88	0.25	15(01,43)	10.40
California	4.38	0.05	33(25,41)	-0.71	New Jersey	4.02	0.09	47(36,49)	-9.03
Colorado	4.44	0.13	29(16,45)	0.56	New Mexico	3.60	0.18	49(43,50)	-18.40 <sup>c</sup>
Connecticut	4.28	0.14	39(19,47)	-3.14	New York	3.84	0.06	48(45,49)	-13.08
Delaware	4.35	0.28	36(04,49)	-1.51	North Carolina	4.36	0.09	35(21,45)	-1.23
D.C.	2.40	0.28	51(50,51)	-45.54 <sup>c</sup>	North Dakota	4.33	0.33	38(03,49)	-1.92
Florida	4.19	0.06	43(32,47)	-5.14	Ohio	4.60	0.08	26(14,36)	4.17
Georgia	4.25	0.09	40(26,47)	-3.86	Oklahoma	4.70	0.15	20(05,38)	6.42
Hawaii	2.83	0.19	50(49,51)	-35.91 <sup>c</sup>	Oregon	5.04	0.15	10(01,25)	14.04
Idaho	5.16	0.24	05(01,32)	16.80 <sup>c</sup>	Pennsylvania	4.42	0.08	30(20,41)	0.18
Illinois	4.20	0.08	42(30,47)	-4.85	Rhode Island	4.67	0.28	24(01,48)	5.77
Indiana	4.63	0.11	25(10,38)	4.94	South Carolina	4.49	0.13	27(13,44)	1.76
Iowa	5.10	0.17	07(01,24)	15.54 <sup>c</sup>	South Dakota	5.29	0.34	02(01,36)	19.89 <sup>c</sup>
Kansas	5.03	0.18	11(01,28)	13.92	Tennessee	4.75	0.12	17(07,33)	7.64
Kentucky	4.92	0.14	14(02,28)	11.32	Texas	4.22	0.06	41(31,46)	-4.50
Louisiana	4.34	0.13	37(18,47)	-1.62	Utah	4.68	0.19	22(03,44)	5.96
Maine	5.06	0.25	08(01,38)	14.58	Vermont	5.44	0.39	01(01,37)	23.13 <sup>c</sup>
Maryland	4.08	0.11	46(31,48)	-7.60	Virginia	4.12	0.10	45(31,48)	-6.80
Massachusetts	4.49	0.11	28(16,43)	1.61	Washington	4.96	0.11	13(02,24)	12.41
Michigan	4.70	0.09	21(10,33)	6.34	West Virginia	4.70	0.21	19(03,44)	6.53
Minnesota	4.68	0.13	23(08,37)	5.89	Wisconsin	4.86	0.12	16(04,29)	10.02
Mississippi	5.29	0.18	03(01,18)	19.80 <sup>c</sup>	Wyoming	5.01	0.41	12(01,47)	13.37
Missouri	4.37	0.11	34(19,46)	-0.98					



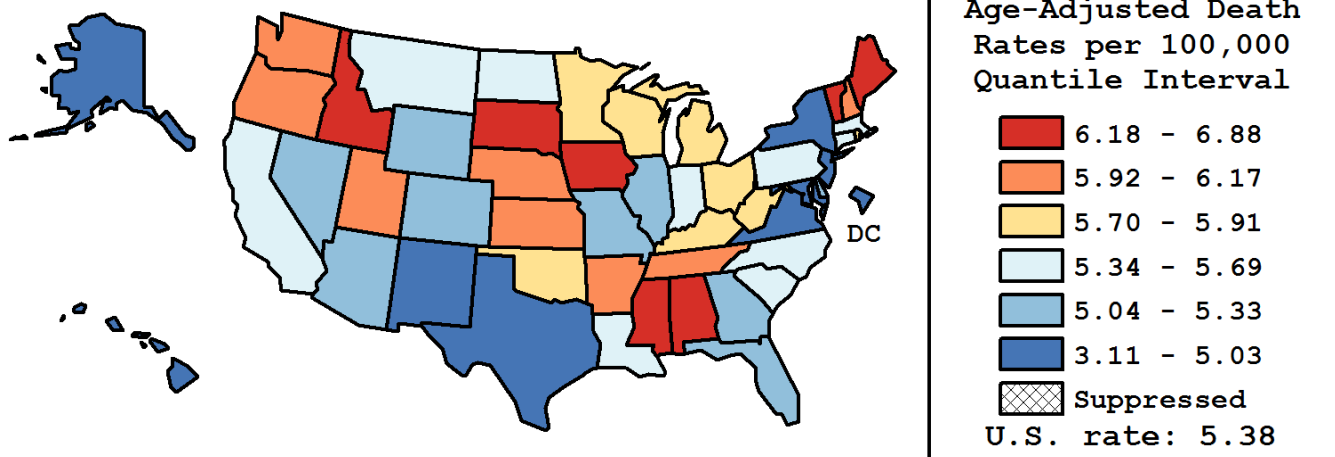
<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).  
<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).  
<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.  
<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.  
SE Standard error of the rate.  
PD Percent difference between state rate and total U.S. rate.  
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 3.19  
Cancer of the Brain and Other Nervous System (Invasive)  
Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	5.38	0.03		
High Five States				
Idaho	6.88	0.41	01(01,24)	27.69 <sup>c</sup>
Maine	6.64	0.42	02(01,31)	23.25 <sup>c</sup>
Alabama	6.34	0.23	03(01,24)	17.66 <sup>c</sup>
South Dakota	6.31	0.53	04(01,46)	17.23 <sup>c</sup>
Mississippi	6.29	0.30	05(01,30)	16.89 <sup>c</sup>
Low Five States				
New York	4.61	0.10	47(42,49)	-14.38
Alaska	4.28	0.55	48(13,51)	-20.53 <sup>c</sup>
New Mexico	4.15	0.28	49(42,51)	-22.99 <sup>c</sup>
Hawaii	3.35	0.29	50(48,51)	-37.84 <sup>c</sup>
D.C.	3.11	0.47	51(47,51)	-42.17 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	6.34	0.23	03(01,24)	17.66 <sup>c</sup>	Montana	5.67	0.44	26(01,48)	5.21
Alaska	4.28	0.55	48(13,51)	-20.53 <sup>c</sup>	Nebraska	6.11	0.36	11(01,41)	13.46
Arizona	5.25	0.17	36(20,46)	-2.45	Nevada	5.04	0.26	42(17,49)	-6.34
Arkansas	6.16	0.29	09(01,32)	14.42	New Hampshire	6.13	0.42	10(01,44)	13.93
California	5.39	0.08	31(22,39)	0.10	New Jersey	4.96	0.15	45(29,48)	-7.81
Colorado	5.11	0.20	39(20,48)	-5.18	New Mexico	4.15	0.28	49(42,51)	-22.99 <sup>c</sup>
Connecticut	5.43	0.24	29(09,46)	0.77	New York	4.61	0.10	47(42,49)	-14.38
Delaware	5.08	0.46	41(04,49)	-5.66	North Carolina	5.36	0.15	32(18,45)	-0.47
D.C.	3.11	0.47	51(47,51)	-42.17 <sup>c</sup>	North Dakota	5.59	0.55	27(01,49)	3.79
Florida	5.09	0.09	40(30,46)	-5.49	Ohio	5.78	0.14	18(07,32)	7.30
Georgia	5.23	0.15	37(21,46)	-2.80	Oklahoma	5.72	0.24	23(04,42)	6.27
Hawaii	3.35	0.29	50(48,51)	-37.84 <sup>c</sup>	Oregon	6.08	0.24	12(01,32)	12.95
Idaho	6.88	0.41	01(01,24)	27.69 <sup>c</sup>	Pennsylvania	5.41	0.13	30(18,42)	0.39
Illinois	5.16	0.13	38(25,46)	-4.21	Rhode Island	5.77	0.46	20(01,48)	7.09
Indiana	5.69	0.19	25(07,39)	5.59	South Carolina	5.69	0.22	24(05,40)	5.65
Iowa	6.20	0.28	06(01,31)	15.11 <sup>c</sup>	South Dakota	6.31	0.53	04(01,46)	17.23 <sup>c</sup>
Kansas	6.17	0.29	08(01,32)	14.66	Tennessee	5.99	0.19	14(03,31)	11.28
Kentucky	5.89	0.23	17(02,37)	9.34	Texas	5.03	0.09	43(32,46)	-6.57
Louisiana	5.34	0.22	33(12,46)	-0.91	Utah	5.96	0.32	15(01,42)	10.73
Maine	6.64	0.42	02(01,31)	23.25 <sup>c</sup>	Vermont	6.20	0.61	07(01,47)	15.08 <sup>c</sup>
Maryland	5.01	0.19	44(24,48)	-6.94	Virginia	4.81	0.16	46(34,49)	-10.76
Massachusetts	5.56	0.18	28(10,42)	3.18	Washington	6.02	0.18	13(02,30)	11.88
Michigan	5.73	0.15	22(08,35)	6.35	West Virginia	5.76	0.33	21(02,46)	6.94
Minnesota	5.91	0.21	16(03,36)	9.74	Wisconsin	5.77	0.20	19(05,37)	7.22
Mississippi	6.29	0.30	05(01,30)	16.89 <sup>c</sup>	Wyoming	5.33	0.60	34(01,49)	-0.97
Missouri	5.31	0.18	35(16,46)	-1.39					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

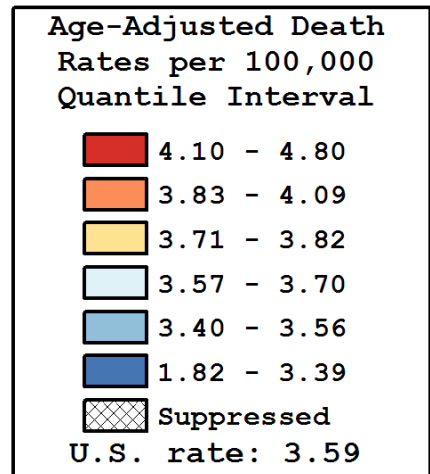
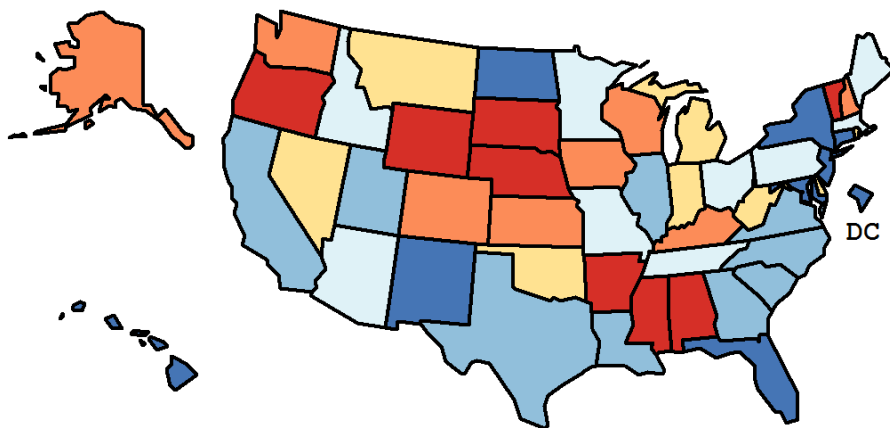
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 3.20  
Cancer of the Brain and Other Nervous System (Invasive)  
Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.59	0.02		
High Five States				
Wyoming	4.80	0.56	01(01,46)	33.62 <sup>c</sup>
Vermont	4.78	0.51	02(01,44)	33.15 <sup>c</sup>
Mississippi	4.51	0.23	03(01,19)	25.56 <sup>c</sup>
South Dakota	4.48	0.44	04(01,45)	24.76 <sup>c</sup>
Arkansas	4.29	0.22	05(01,27)	19.51 <sup>c</sup>
Low Five States				
New Jersey	3.24	0.11	47(30,49)	-9.72
New York	3.21	0.07	48(37,49)	-10.56
New Mexico	3.12	0.23	49(17,50)	-13.10
Hawaii	2.35	0.24	50(48,51)	-34.44 <sup>c</sup>
D.C.	1.82	0.33	51(49,51)	-49.37 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.23	0.17	06(01,24)	17.84 <sup>c</sup>	Montana	3.80	0.35	20(01,49)	5.88
Alaska	3.97	0.51	14(01,50)	10.73	Nebraska	4.12	0.28	07(01,43)	14.66
Arizona	3.66	0.14	27(10,46)	1.96	Nevada	3.78	0.22	21(03,48)	5.36
Arkansas	4.29	0.22	05(01,27)	19.51 <sup>c</sup>	New Hampshire	3.83	0.32	16(01,49)	6.62
California	3.53	0.06	36(22,44)	-1.76	New Jersey	3.24	0.11	47(30,49)	-9.72
Colorado	3.87	0.17	15(04,42)	7.71	New Mexico	3.12	0.23	49(17,50)	-13.10
Connecticut	3.30	0.17	45(18,49)	-7.94	New York	3.21	0.07	48(37,49)	-10.56
Delaware	3.82	0.37	18(01,49)	6.37	North Carolina	3.52	0.11	37(17,47)	-1.86
D.C.	1.82	0.33	51(49,51)	-49.37 <sup>c</sup>	North Dakota	3.29	0.40	46(03,50)	-8.21
Florida	3.39	0.07	43(27,48)	-5.65	Ohio	3.60	0.10	30(15,45)	0.39
Georgia	3.42	0.11	41(21,49)	-4.62	Oklahoma	3.82	0.18	17(04,45)	6.51
Hawaii	2.35	0.24	50(48,51)	-34.44 <sup>c</sup>	Oregon	4.10	0.19	08(02,33)	14.14
Idaho	3.59	0.28	31(04,49)	0.15	Pennsylvania	3.61	0.10	29(15,44)	0.52
Illinois	3.40	0.10	42(23,49)	-5.22	Rhode Island	3.72	0.34	24(02,49)	3.64
Indiana	3.75	0.14	23(07,44)	4.48	South Carolina	3.49	0.15	40(13,49)	-2.76
Iowa	4.09	0.21	09(01,37)	14.05	South Dakota	4.48	0.44	04(01,45)	24.76 <sup>c</sup>
Kansas	4.04	0.22	11(02,42)	12.68	Tennessee	3.69	0.14	26(08,45)	2.80
Kentucky	4.06	0.18	10(02,33)	13.00	Texas	3.52	0.07	38(21,45)	-2.00
Louisiana	3.53	0.16	35(12,49)	-1.71	Utah	3.52	0.23	39(06,49)	-2.05
Maine	3.70	0.30	25(02,49)	3.15	Vermont	4.78	0.51	02(01,44)	33.15 <sup>c</sup>
Maryland	3.32	0.14	44(22,49)	-7.50	Virginia	3.56	0.12	34(13,48)	-0.84
Massachusetts	3.61	0.13	28(12,47)	0.61	Washington	4.02	0.14	13(03,31)	11.99
Michigan	3.81	0.11	19(07,37)	6.27	West Virginia	3.77	0.25	22(03,49)	5.02
Minnesota	3.57	0.15	33(11,48)	-0.45	Wisconsin	4.03	0.15	12(03,32)	12.22
Mississippi	4.51	0.23	03(01,19)	25.56 <sup>c</sup>	Wyoming	4.80	0.56	01(01,46)	33.62 <sup>c</sup>
Missouri	3.58	0.14	32(12,48)	-0.28					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).  
<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).  
<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.  
<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.  
SE Standard error of the rate.  
PD Percent difference between state rate and total U.S. rate.  
- Statistic not shown. Rate based on less than 16 cases for the time interval.



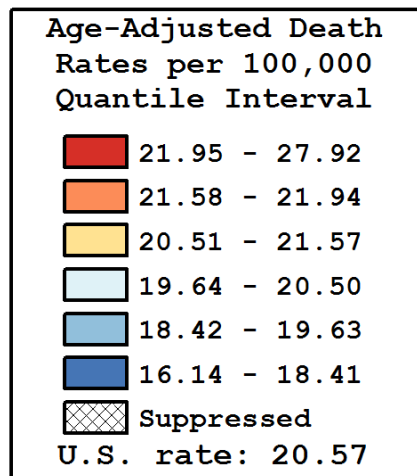
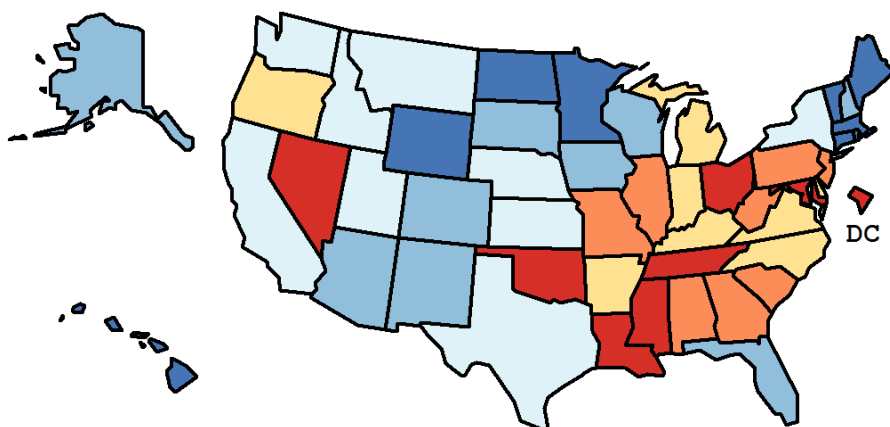
Table 4.23  
Cancer of the Female Breast (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	20.57	0.05		
High Five States				
D.C.	27.92	1.27	01(01,01)	35.73 <sup>c</sup>
Mississippi	23.45	0.51	02(02,11)	14.01 <sup>c</sup>
Louisiana	23.16	0.42	03(02,13)	12.57 <sup>c</sup>
Oklahoma	22.65	0.45	04(02,20)	10.12 <sup>c</sup>
Ohio	22.45	0.25	05(02,16)	9.13
Low Five States				
Wyoming	18.10	1.05	47(18,51)	-12.01 <sup>c</sup>
Connecticut	17.94	0.39	48(39,51)	-12.78 <sup>c</sup>
Massachusetts	17.93	0.29	49(41,50)	-12.82 <sup>c</sup>
North Dakota	17.50	0.92	50(27,51)	-14.92 <sup>c</sup>
Hawaii	16.14	0.61	51(46,51)	-21.53 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	21.79	0.38	12(03,25)	5.92	Montana	20.10	0.80	29(05,48)	-2.28
Alaska	19.63	1.16	34(03,51)	-4.55	Nebraska	20.36	0.60	26(08,44)	-1.03
Arizona	19.44	0.31	39(26,45)	-5.47	Nevada	22.03	0.54	08(02,27)	7.11
Arkansas	21.57	0.49	17(03,30)	4.85	New Hampshire	19.46	0.68	38(15,49)	-5.39
California	19.85	0.14	31(26,39)	-3.52	New Jersey	21.70	0.28	15(05,24)	5.50
Colorado	19.06	0.36	41(27,48)	-7.35	New Mexico	18.84	0.55	42(26,50)	-8.40
Connecticut	17.94	0.39	48(39,51)	-12.78 <sup>c</sup>	New York	19.71	0.18	32(26,41)	-4.19
Delaware	21.44	0.84	19(02,41)	4.25	North Carolina	20.88	0.26	23(14,30)	1.49
D.C.	27.92	1.27	01(01,01)	35.73 <sup>c</sup>	North Dakota	17.50	0.92	50(27,51)	-14.92 <sup>c</sup>
Florida	19.47	0.17	37(28,43)	-5.33	Ohio	22.45	0.25	05(02,16)	9.13
Georgia	21.94	0.28	09(03,22)	6.67	Oklahoma	22.65	0.45	04(02,20)	10.12 <sup>c</sup>
Hawaii	16.14	0.61	51(46,51)	-21.53 <sup>c</sup>	Oregon	20.51	0.41	24(12,39)	-0.29
Idaho	20.50	0.68	25(05,44)	-0.36	Pennsylvania	21.59	0.23	16(06,24)	4.94
Illinois	21.76	0.24	13(05,23)	5.78	Rhode Island	18.23	0.73	44(25,51)	-11.39 <sup>c</sup>
Indiana	21.10	0.33	22(08,30)	2.60	South Carolina	21.86	0.38	10(03,25)	6.26
Iowa	19.11	0.45	40(25,49)	-7.09	South Dakota	19.48	0.88	36(07,50)	-5.28
Kansas	20.32	0.49	27(11,42)	-1.20	Tennessee	22.13	0.33	07(03,22)	7.59
Kentucky	21.54	0.40	18(04,28)	4.73	Texas	20.08	0.17	30(24,37)	-2.39
Louisiana	23.16	0.42	03(02,13)	12.57 <sup>c</sup>	Utah	20.13	0.57	28(12,45)	-2.16
Maine	18.41	0.63	43(27,51)	-10.51 <sup>c</sup>	Vermont	18.15	0.95	46(19,51)	-11.74 <sup>c</sup>
Maryland	22.15	0.35	06(02,22)	7.67	Virginia	21.42	0.30	20(06,27)	4.14
Massachusetts	17.93	0.29	49(41,50)	-12.82 <sup>c</sup>	Washington	19.67	0.31	33(25,43)	-4.37
Michigan	21.30	0.26	21(08,27)	3.55	West Virginia	21.84	0.60	11(02,30)	6.18
Minnesota	18.17	0.33	45(38,50)	-11.65 <sup>c</sup>	Wisconsin	19.61	0.33	35(24,44)	-4.64
Mississippi	23.45	0.51	02(02,11)	14.01 <sup>c</sup>	Wyoming	18.10	1.05	47(18,51)	-12.01 <sup>c</sup>
Missouri	21.74	0.34	14(04,25)	5.70					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

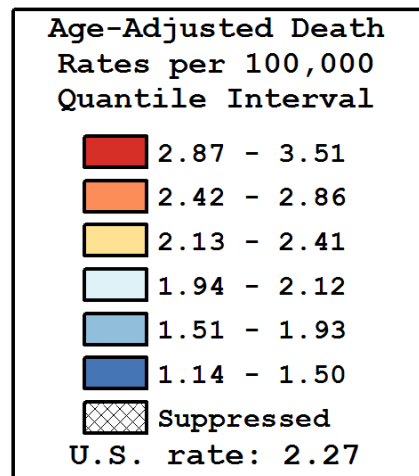
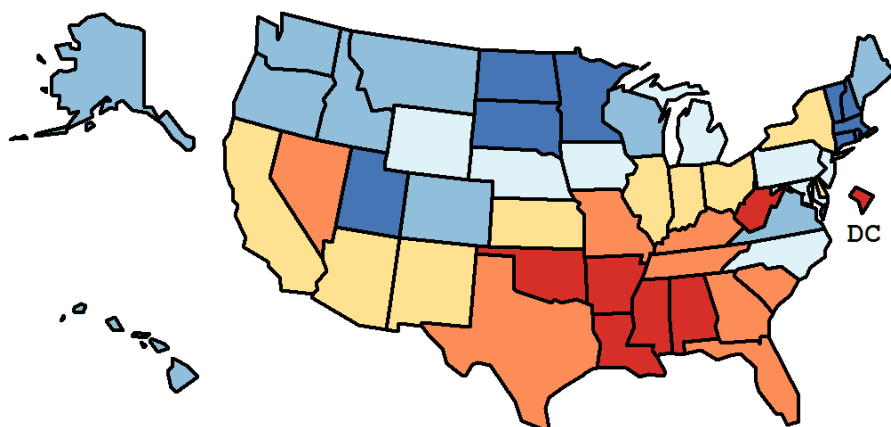
Table 5.14  
Cancer of the Cervix Uteri (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.27	0.02		
High Five States				
Mississippi	3.51	0.21	01(01,07)	54.54 <sup>c</sup>
Alabama	3.47	0.16	02(01,06)	52.67 <sup>c</sup>
Arkansas	3.44	0.21	03(01,08)	51.44 <sup>c</sup>
D.C.	3.36	0.45	04(01,27)	47.62 <sup>c</sup>
West Virginia	3.03	0.25	05(01,20)	33.02 <sup>c</sup>
Low Five States				
Minnesota	1.37	0.10	47(38,51)	-39.68 <sup>c</sup>
North Dakota	1.27	0.26	48(26,51)	-44.29 <sup>c</sup>
Utah	1.24	0.14	49(38,51)	-45.28 <sup>c</sup>
Vermont	1.18	0.26	50(28,51)	-48.04 <sup>c</sup>
Massachusetts	1.14	0.08	51(45,51)	-50.07 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.47	0.16	02(01,06)	52.67 <sup>c</sup>	Montana	1.93	0.27	33(09,50)	-15.29 <sup>c</sup>
Alaska	1.62	0.31	41(11,51)	-28.75 <sup>c</sup>	Nebraska	2.05	0.20	28(10,45)	-9.67
Arizona	2.20	0.11	23(13,35)	-3.13	Nevada	2.47	0.18	15(05,33)	8.55
Arkansas	3.44	0.21	03(01,08)	51.44 <sup>c</sup>	New Hampshire	1.43	0.19	46(28,51)	-36.97 <sup>c</sup>
California	2.25	0.05	21(16,28)	-1.25	New Jersey	2.09	0.09	26(17,37)	-8.03
Colorado	1.59	0.11	42(32,48)	-29.94 <sup>c</sup>	New Mexico	2.23	0.21	22(07,40)	-2.01
Connecticut	1.50	0.12	43(33,50)	-33.90 <sup>c</sup>	New York	2.30	0.06	20(13,28)	1.31
Delaware	2.41	0.30	16(04,42)	5.85	North Carolina	2.08	0.09	27(17,37)	-8.40
D.C.	3.36	0.45	04(01,27)	47.62 <sup>c</sup>	North Dakota	1.27	0.26	48(26,51)	-44.29 <sup>c</sup>
Florida	2.65	0.07	11(07,17)	16.53 <sup>c</sup>	Ohio	2.32	0.09	19(12,30)	2.04
Georgia	2.47	0.10	14(08,25)	8.55	Oklahoma	3.02	0.18	06(01,15)	32.59 <sup>c</sup>
Hawaii	1.83	0.22	36(14,49)	-19.76 <sup>c</sup>	Oregon	1.93	0.13	34(18,44)	-15.31 <sup>c</sup>
Idaho	1.75	0.21	37(16,49)	-22.97 <sup>c</sup>	Pennsylvania	2.12	0.08	25(17,35)	-6.63
Illinois	2.33	0.08	18(12,28)	2.52	Rhode Island	1.44	0.22	45(23,51)	-36.76 <sup>c</sup>
Indiana	2.41	0.12	17(09,29)	5.84	South Carolina	2.59	0.14	12(05,25)	13.80
Iowa	1.94	0.15	32(15,45)	-14.54	South Dakota	1.47	0.26	44(20,51)	-35.19 <sup>c</sup>
Kansas	2.19	0.18	24(09,39)	-3.87	Tennessee	2.76	0.12	09(04,18)	21.45 <sup>c</sup>
Kentucky	2.68	0.15	10(04,22)	17.80 <sup>c</sup>	Texas	2.86	0.07	08(04,12)	25.65 <sup>c</sup>
Louisiana	2.92	0.16	07(02,15)	28.58 <sup>c</sup>	Utah	1.24	0.14	49(38,51)	-45.28 <sup>c</sup>
Maine	1.73	0.21	38(16,50)	-23.85 <sup>c</sup>	Vermont	1.18	0.26	50(28,51)	-48.04 <sup>c</sup>
Maryland	1.95	0.11	31(20,41)	-14.42	Virginia	1.91	0.09	35(23,41)	-16.04 <sup>c</sup>
Massachusetts	1.14	0.08	51(45,51)	-50.07 <sup>c</sup>	Washington	1.62	0.09	40(33,48)	-28.59 <sup>c</sup>
Michigan	1.99	0.09	29(21,39)	-12.63	West Virginia	3.03	0.25	05(01,20)	33.02 <sup>c</sup>
Minnesota	1.37	0.10	47(38,51)	-39.68 <sup>c</sup>	Wisconsin	1.64	0.10	39(32,47)	-28.08 <sup>c</sup>
Mississippi	3.51	0.21	01(01,07)	54.54 <sup>c</sup>	Wyoming	1.99	0.37	30(05,51)	-12.70
Missouri	2.56	0.13	13(06,24)	12.52					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



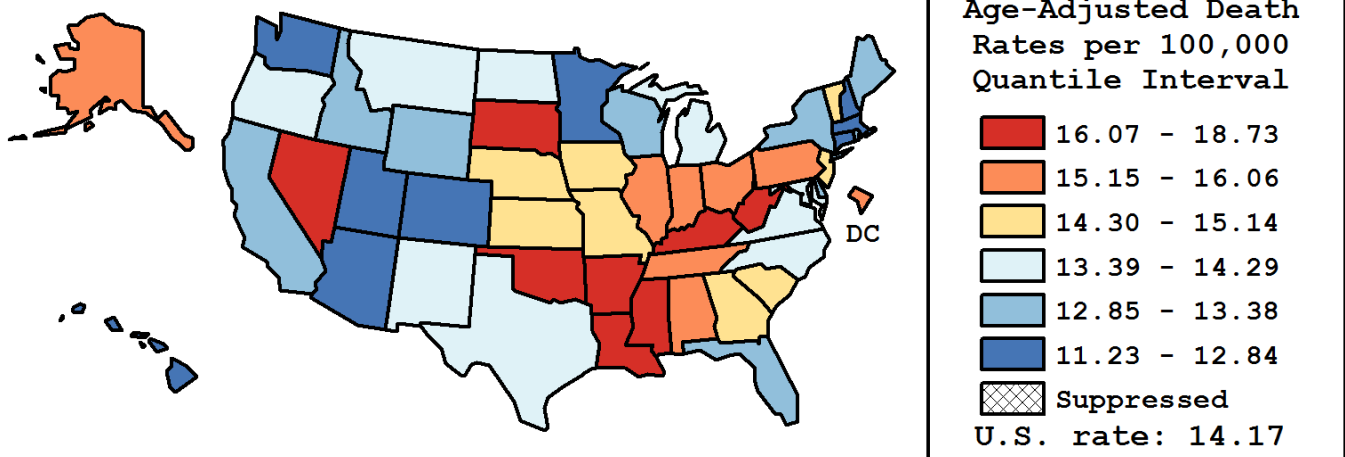
Table 6.25  
Cancer of the Colon and Rectum (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	14.17	0.03		
High Five States				
Mississippi	18.73	0.34	01(01,02)	32.15 <sup>c</sup>
West Virginia	18.22	0.39	02(01,04)	28.50 <sup>c</sup>
Oklahoma	17.24	0.29	03(02,09)	21.61 <sup>c</sup>
Louisiana	17.09	0.26	04(02,09)	20.54 <sup>c</sup>
Arkansas	16.82	0.31	05(02,10)	18.63 <sup>c</sup>
Low Five States				
Washington	12.50	0.18	47(39,49)	-11.80 <sup>c</sup>
Massachusetts	12.29	0.18	48(42,49)	-13.30 <sup>c</sup>
Colorado	12.14	0.22	49(42,50)	-14.34 <sup>c</sup>
Connecticut	11.36	0.23	50(49,51)	-19.84 <sup>c</sup>
Utah	11.23	0.31	51(48,51)	-20.76 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	16.06	0.24	09(05,15)	13.29 <sup>c</sup>	Montana	13.66	0.47	31(18,48)	-3.64
Alaska	15.50	0.79	12(03,36)	9.33	Nebraska	15.14	0.38	17(08,27)	6.82
Arizona	12.84	0.18	43(33,48)	-9.43	Nevada	16.64	0.34	07(03,12)	17.42 <sup>c</sup>
Arkansas	16.82	0.31	05(02,10)	18.63 <sup>c</sup>	New Hampshire	12.78	0.40	45(28,50)	-9.84
California	12.94	0.08	41(36,46)	-8.72	New Jersey	14.44	0.17	23(19,29)	1.89
Colorado	12.14	0.22	49(42,50)	-14.34 <sup>c</sup>	New Mexico	13.52	0.34	32(22,46)	-4.60
Connecticut	11.36	0.23	50(49,51)	-19.84 <sup>c</sup>	New York	13.24	0.11	36(31,43)	-6.61
Delaware	13.35	0.49	35(20,49)	-5.84	North Carolina	13.80	0.16	30(24,37)	-2.61
D.C.	15.29	0.70	14(03,37)	7.85	North Dakota	13.95	0.59	28(11,48)	-1.56
Florida	13.19	0.10	38(32,43)	-6.94	Ohio	15.68	0.15	11(08,17)	10.61 <sup>c</sup>
Georgia	15.12	0.18	18(11,23)	6.70	Oklahoma	17.24	0.29	03(02,09)	21.61 <sup>c</sup>
Hawaii	12.81	0.39	44(27,49)	-9.60	Oregon	13.45	0.24	33(26,44)	-5.14
Idaho	13.11	0.39	40(25,49)	-7.51	Pennsylvania	15.27	0.14	15(11,21)	7.73
Illinois	15.26	0.15	16(11,21)	7.63	Rhode Island	13.22	0.45	37(22,49)	-6.77
Indiana	15.42	0.21	13(09,21)	8.79	South Carolina	14.65	0.23	22(14,29)	3.36
Iowa	15.07	0.28	20(10,26)	6.28	South Dakota	16.45	0.58	08(02,21)	16.03 <sup>c</sup>
Kansas	14.76	0.30	21(11,30)	4.14	Tennessee	15.79	0.21	10(07,18)	11.39 <sup>c</sup>
Kentucky	16.68	0.26	06(03,11)	17.68 <sup>c</sup>	Texas	14.29	0.11	25(21,29)	0.82
Louisiana	17.09	0.26	04(02,09)	20.54 <sup>c</sup>	Utah	11.23	0.31	51(48,51)	-20.76 <sup>c</sup>
Maine	13.15	0.39	39(25,49)	-7.22	Vermont	14.41	0.61	24(08,46)	1.63
Maryland	14.06	0.21	27(21,35)	-0.83	Virginia	13.90	0.18	29(23,36)	-1.93
Massachusetts	12.29	0.18	48(42,49)	-13.30 <sup>c</sup>	Washington	12.50	0.18	47(39,49)	-11.80 <sup>c</sup>
Michigan	14.17	0.16	26(21,32)	-0.04	West Virginia	18.22	0.39	02(01,04)	28.50 <sup>c</sup>
Minnesota	12.65	0.20	46(36,49)	-10.79 <sup>c</sup>	Wisconsin	13.38	0.20	34(27,44)	-5.58
Mississippi	18.73	0.34	01(01,02)	32.15 <sup>c</sup>	Wyoming	12.85	0.65	42(21,51)	-9.33
Missouri	15.09	0.21	19(11,24)	6.44					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

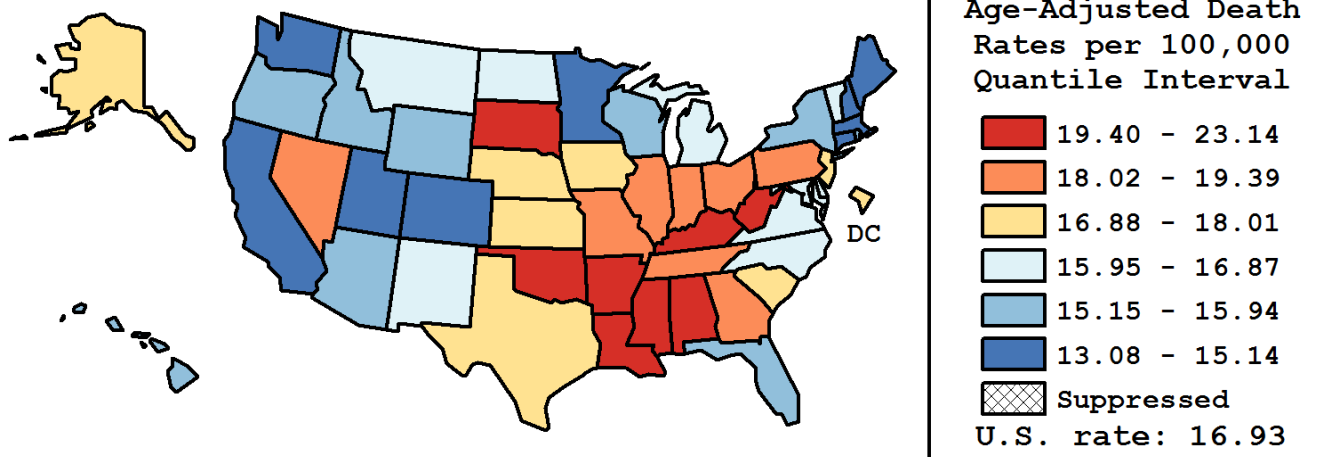
Table 6.26  
Cancer of the Colon and Rectum (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	16.93	0.05		
High Five States				
Mississippi	23.14	0.58	01(01,02)	36.69 <sup>c</sup>
Louisiana	20.94	0.45	02(01,09)	23.71 <sup>c</sup>
Oklahoma	20.92	0.47	03(01,09)	23.57 <sup>c</sup>
West Virginia	20.87	0.63	04(01,11)	23.24 <sup>c</sup>
Arkansas	20.56	0.52	05(02,12)	21.41 <sup>c</sup>
Low Five States				
Massachusetts	14.33	0.29	47(40,50)	-15.38 <sup>c</sup>
Colorado	14.08	0.35	48(40,51)	-16.86 <sup>c</sup>
New Hampshire	13.89	0.63	49(34,51)	-17.98 <sup>c</sup>
Connecticut	13.35	0.38	50(45,51)	-21.17 <sup>c</sup>
Utah	13.08	0.50	51(44,51)	-22.75 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	19.83	0.41	08(02,14)	17.13 <sup>c</sup>	Montana	16.34	0.75	31(13,48)	-3.50
Alaska	17.13	1.25	24(04,49)	1.16	Nebraska	17.63	0.62	20(08,35)	4.14
Arizona	15.21	0.29	42(32,47)	-10.17 <sup>c</sup>	Nevada	19.39	0.54	09(02,20)	14.55 <sup>c</sup>
Arkansas	20.56	0.52	05(02,12)	21.41 <sup>c</sup>	New Hampshire	13.89	0.63	49(34,51)	-17.98 <sup>c</sup>
California	15.14	0.13	43(36,45)	-10.55 <sup>c</sup>	New Jersey	17.44	0.28	23(15,30)	2.99
Colorado	14.08	0.35	48(40,51)	-16.86 <sup>c</sup>	New Mexico	16.56	0.56	30(15,43)	-2.19
Connecticut	13.35	0.38	50(45,51)	-21.17 <sup>c</sup>	New York	15.70	0.18	37(30,43)	-7.25
Delaware	16.59	0.82	29(10,47)	-2.04	North Carolina	16.74	0.27	28(20,35)	-1.11
D.C.	18.01	1.19	17(02,46)	6.37	North Dakota	16.25	0.95	33(10,50)	-4.04
Florida	15.75	0.16	35(30,42)	-7.00	Ohio	18.86	0.25	12(08,17)	11.40 <sup>c</sup>
Georgia	19.13	0.31	10(06,16)	12.99 <sup>c</sup>	Oklahoma	20.92	0.47	03(01,09)	23.57 <sup>c</sup>
Hawaii	15.52	0.63	40(22,49)	-8.35	Oregon	15.73	0.39	36(26,46)	-7.12
Idaho	15.47	0.63	41(21,49)	-8.64	Pennsylvania	18.15	0.23	16(11,23)	7.22
Illinois	18.56	0.25	13(09,20)	9.63	Rhode Island	15.94	0.77	34(15,49)	-5.87
Indiana	18.23	0.34	14(09,25)	7.66	South Carolina	17.67	0.39	19(11,31)	4.34
Iowa	17.45	0.46	22(12,34)	3.05	South Dakota	20.12	0.96	07(01,24)	18.85 <sup>c</sup>
Kansas	17.52	0.50	21(10,34)	3.46	Tennessee	19.11	0.35	11(06,17)	12.90 <sup>c</sup>
Kentucky	20.24	0.44	06(02,12)	19.56 <sup>c</sup>	Texas	17.80	0.18	18(14,25)	5.16
Louisiana	20.94	0.45	02(01,09)	23.71 <sup>c</sup>	Utah	13.08	0.50	51(44,51)	-22.75 <sup>c</sup>
Maine	15.01	0.63	44(26,51)	-11.32 <sup>c</sup>	Vermont	16.27	0.98	32(10,50)	-3.89
Maryland	16.87	0.35	25(17,36)	-0.34	Virginia	16.77	0.30	27(20,36)	-0.98
Massachusetts	14.33	0.29	47(40,50)	-15.38 <sup>c</sup>	Washington	14.62	0.30	45(37,49)	-13.63 <sup>c</sup>
Michigan	16.82	0.26	26(20,34)	-0.67	West Virginia	20.87	0.63	04(01,11)	23.24 <sup>c</sup>
Minnesota	14.42	0.33	46(39,50)	-14.83 <sup>c</sup>	Wisconsin	15.58	0.33	38(28,46)	-8.00
Mississippi	23.14	0.58	01(01,02)	36.69 <sup>c</sup>	Wyoming	15.54	1.04	39(12,51)	-8.21
Missouri	18.15	0.34	15(10,25)	7.23					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

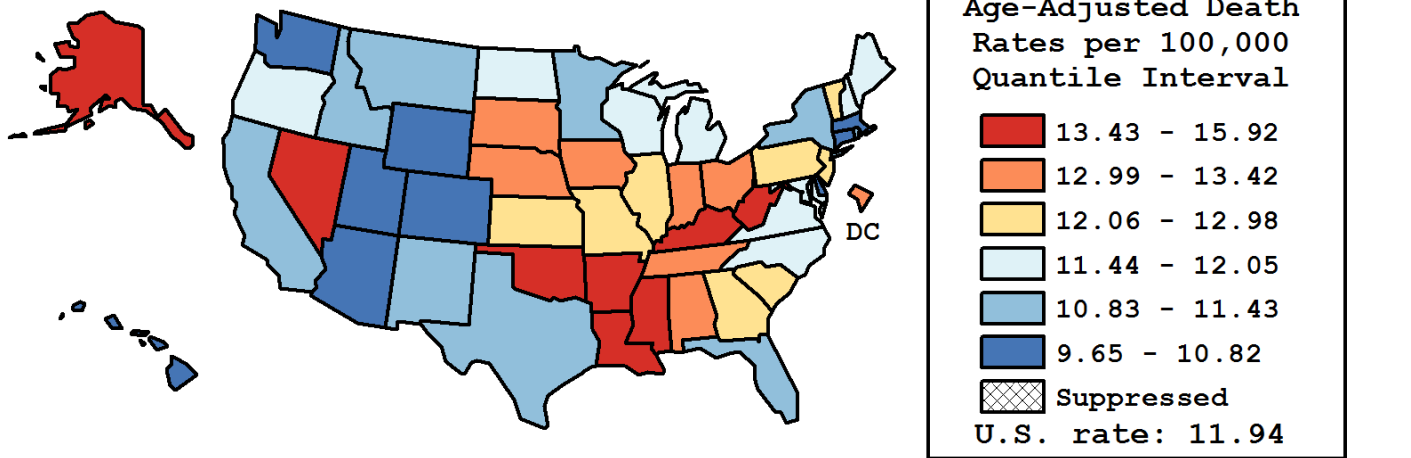
Table 6.27  
Cancer of the Colon and Rectum (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	11.94	0.03		
High Five States				
West Virginia	15.92	0.49	01(01,04)	33.34 <sup>c</sup>
Mississippi	15.34	0.41	02(01,06)	28.47 <sup>c</sup>
Oklahoma	14.18	0.35	03(02,13)	18.76 <sup>c</sup>
Louisiana	14.11	0.32	04(02,13)	18.19 <sup>c</sup>
Alaska	14.11	1.02	05(01,39)	18.13 <sup>c</sup>
Low Five States				
Colorado	10.58	0.27	47(34,51)	-11.41
Hawaii	10.51	0.49	48(25,51)	-11.98
Wyoming	10.30	0.79	49(15,51)	-13.71
Connecticut	9.84	0.28	50(44,51)	-17.57 <sup>c</sup>
Utah	9.65	0.40	51(42,51)	-19.18 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	13.04	0.29	16(06,24)	9.24	Montana	11.23	0.58	37(13,51)	-5.92
Alaska	14.11	1.02	05(01,39)	18.13 <sup>c</sup>	Nebraska	13.09	0.48	15(03,30)	9.61
Arizona	10.75	0.23	44(32,50)	-9.97	Nevada	14.07	0.43	06(02,18)	17.86 <sup>c</sup>
Arkansas	13.73	0.38	08(02,19)	14.96	New Hampshire	11.85	0.53	28(10,48)	-0.76
California	11.13	0.10	39(32,45)	-6.83	New Jersey	12.13	0.20	23(17,33)	1.60
Colorado	10.58	0.27	47(34,51)	-11.41	New Mexico	10.99	0.42	42(22,50)	-7.97
Connecticut	9.84	0.28	50(44,51)	-17.57 <sup>c</sup>	New York	11.36	0.13	35(27,42)	-4.86
Delaware	10.73	0.59	45(19,51)	-10.16	North Carolina	11.51	0.19	33(24,42)	-3.60
D.C.	13.25	0.86	10(01,44)	10.94	North Dakota	11.92	0.73	26(04,50)	-0.15
Florida	11.02	0.12	41(33,47)	-7.75	Ohio	13.22	0.19	11(06,20)	10.68
Georgia	12.11	0.21	24(17,33)	1.44	Oklahoma	14.18	0.35	03(02,13)	18.76 <sup>c</sup>
Hawaii	10.51	0.49	48(25,51)	-11.98	Oregon	11.54	0.30	31(20,46)	-3.33
Idaho	11.02	0.49	40(20,51)	-7.69	Pennsylvania	12.98	0.17	17(08,22)	8.73
Illinois	12.69	0.18	19(11,25)	6.23	Rhode Island	11.31	0.55	36(15,51)	-5.32
Indiana	13.11	0.25	13(06,22)	9.78	South Carolina	12.23	0.28	22(13,35)	2.38
Iowa	13.10	0.36	14(04,26)	9.74	South Dakota	13.42	0.71	09(01,34)	12.41
Kansas	12.46	0.38	21(08,36)	4.31	Tennessee	13.18	0.25	12(06,21)	10.38
Kentucky	13.89	0.32	07(02,16)	16.34 <sup>c</sup>	Texas	11.43	0.13	34(26,42)	-4.26
Louisiana	14.11	0.32	04(02,13)	18.19 <sup>c</sup>	Utah	9.65	0.40	51(42,51)	-19.18 <sup>c</sup>
Maine	11.66	0.49	29(12,48)	-2.33	Vermont	12.72	0.77	18(03,47)	6.48
Maryland	11.85	0.26	27(18,40)	-0.72	Virginia	11.53	0.22	32(23,44)	-3.45
Massachusetts	10.82	0.22	43(31,49)	-9.36	Washington	10.64	0.23	46(35,50)	-10.87
Michigan	12.05	0.19	25(18,34)	0.93	West Virginia	15.92	0.49	01(01,04)	33.34 <sup>c</sup>
Minnesota	11.18	0.26	38(26,48)	-6.40	Wisconsin	11.56	0.25	30(21,44)	-3.20
Mississippi	15.34	0.41	02(01,06)	28.47 <sup>c</sup>	Wyoming	10.30	0.79	49(15,51)	-13.71
Missouri	12.67	0.25	20(09,27)	6.15					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

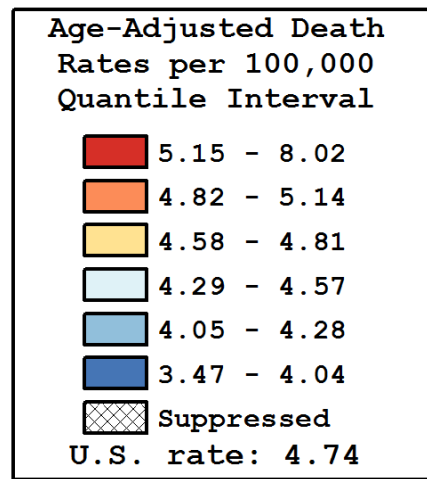
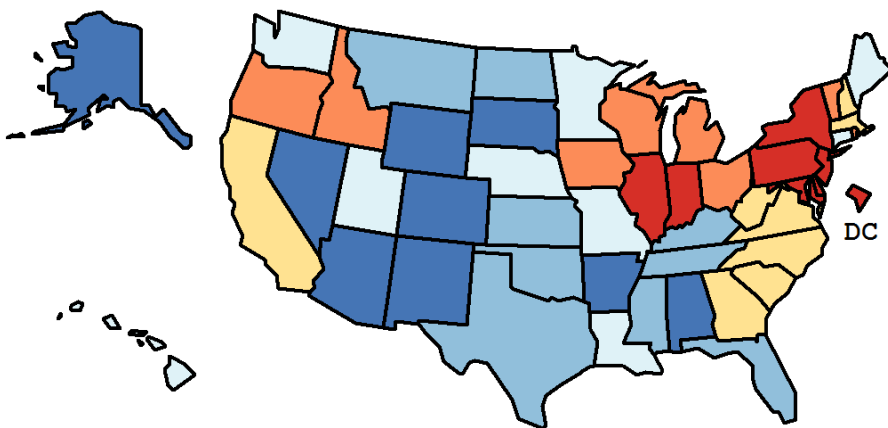
Table 7.14  
Cancer of the Corpus and Uterus, NOS (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.74	0.02		
High Five States				
D.C.	8.02	0.67	01(01,02)	69.22 <sup>c</sup>
Delaware	6.05	0.43	02(01,19)	27.66 <sup>c</sup>
New York	5.81	0.09	03(02,07)	22.56 <sup>c</sup>
Maryland	5.67	0.17	04(02,11)	19.67 <sup>c</sup>
New Jersey	5.63	0.14	05(02,10)	18.83 <sup>c</sup>
Low Five States				
Nevada	3.86	0.22	47(25,51)	-18.59 <sup>c</sup>
Arizona	3.77	0.13	48(37,51)	-20.37 <sup>c</sup>
Wyoming	3.76	0.48	49(08,51)	-20.73 <sup>c</sup>
Alaska	3.74	0.52	50(08,51)	-21.11 <sup>c</sup>
Alabama	3.47	0.15	51(44,51)	-26.73 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.47	0.15	51(44,51)	-26.73 <sup>c</sup>	Montana	4.23	0.35	37(08,51)	-10.82
Alaska	3.74	0.52	50(08,51)	-21.11 <sup>c</sup>	Nebraska	4.56	0.28	26(07,48)	-3.73
Arizona	3.77	0.13	48(37,51)	-20.37 <sup>c</sup>	Nevada	3.86	0.22	47(25,51)	-18.59 <sup>c</sup>
Arkansas	3.87	0.20	46(28,51)	-18.30 <sup>c</sup>	New Hampshire	4.80	0.33	18(03,46)	1.26
California	4.74	0.07	19(12,28)	0.06	New Jersey	5.63	0.14	05(02,10)	18.83 <sup>c</sup>
Colorado	3.92	0.16	45(29,51)	-17.41 <sup>c</sup>	New Mexico	4.04	0.25	43(16,51)	-14.72
Connecticut	4.34	0.19	31(14,48)	-8.50	New York	5.81	0.09	03(02,07)	22.56 <sup>c</sup>
Delaware	6.05	0.43	02(01,19)	27.66 <sup>c</sup>	North Carolina	4.62	0.12	23(12,36)	-2.50
D.C.	8.02	0.67	01(01,02)	69.22 <sup>c</sup>	North Dakota	4.22	0.45	38(04,51)	-10.92
Florida	4.28	0.08	34(25,43)	-9.80	Ohio	5.02	0.11	12(07,22)	6.00
Georgia	4.81	0.13	17(09,31)	1.51	Oklahoma	4.19	0.19	39(18,50)	-11.61
Hawaii	4.31	0.32	32(08,51)	-9.06	Oregon	4.84	0.20	15(07,36)	2.11
Idaho	4.82	0.32	16(03,46)	1.65	Pennsylvania	5.55	0.11	06(02,10)	16.99 <sup>c</sup>
Illinois	5.49	0.12	07(02,11)	15.72 <sup>c</sup>	Rhode Island	4.90	0.37	13(02,46)	3.42
Indiana	5.17	0.16	08(04,22)	9.16	South Carolina	4.71	0.17	20(09,38)	-0.71
Iowa	5.06	0.22	10(04,30)	6.72	South Dakota	3.97	0.39	44(10,51)	-16.30 <sup>c</sup>
Kansas	4.23	0.22	36(15,50)	-10.71	Tennessee	4.26	0.14	35(20,47)	-10.17
Kentucky	4.15	0.17	41(21,49)	-12.38	Texas	4.14	0.08	42(30,47)	-12.60
Louisiana	4.36	0.18	30(14,47)	-7.97	Utah	4.29	0.26	33(11,50)	-9.45
Maine	4.57	0.30	25(07,49)	-3.60	Vermont	4.87	0.48	14(02,50)	2.82
Maryland	5.67	0.17	04(02,11)	19.67 <sup>c</sup>	Virginia	4.69	0.14	21(10,36)	-0.96
Massachusetts	4.58	0.14	24(12,40)	-3.44	Washington	4.46	0.15	28(14,43)	-5.89
Michigan	5.14	0.13	09(05,20)	8.33	West Virginia	4.64	0.26	22(07,47)	-2.11
Minnesota	4.44	0.16	29(14,45)	-6.37	Wisconsin	5.04	0.17	11(05,27)	6.31
Mississippi	4.18	0.21	40(16,50)	-11.91	Wyoming	3.76	0.48	49(08,51)	-20.73 <sup>c</sup>
Missouri	4.54	0.15	27(12,42)	-4.12					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

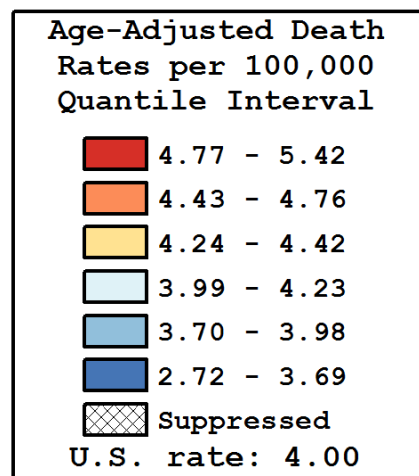
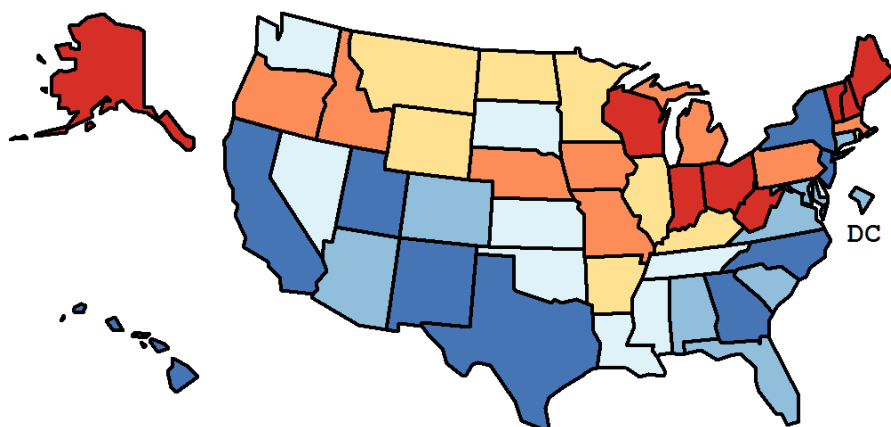
Table 8.18  
Cancer of the Esophagus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.00	0.01		
High Five States				
Maine	5.42	0.24	01(01,10)	35.51 <sup>c</sup>
West Virginia	5.20	0.21	02(01,14)	29.86 <sup>c</sup>
Alaska	5.17	0.44	03(01,35)	29.30 <sup>c</sup>
New Hampshire	5.15	0.25	04(01,17)	28.79 <sup>c</sup>
Ohio	5.06	0.09	05(01,09)	26.45 <sup>c</sup>
Low Five States				
California	3.25	0.04	47(46,50)	-18.66 <sup>c</sup>
Texas	3.25	0.05	48(46,50)	-18.91 <sup>c</sup>
New Mexico	3.23	0.16	49(41,51)	-19.20 <sup>c</sup>
Utah	2.91	0.16	50(47,51)	-27.23 <sup>c</sup>
Hawaii	2.72	0.18	51(48,51)	-32.10 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.86	0.12	40(24,46)	-3.44	Montana	4.40	0.26	18(02,45)	10.01
Alaska	5.17	0.44	03(01,35)	29.30 <sup>c</sup>	Nebraska	4.51	0.21	15(03,36)	12.60
Arizona	3.89	0.10	38(25,45)	-2.73	Nevada	4.05	0.16	32(14,46)	1.28
Arkansas	4.42	0.16	17(06,35)	10.40	New Hampshire	5.15	0.25	04(01,17)	28.79 <sup>c</sup>
California	3.25	0.04	47(46,50)	-18.66 <sup>c</sup>	New Jersey	3.62	0.08	45(36,47)	-9.44
Colorado	3.95	0.12	36(19,45)	-1.25	New Mexico	3.23	0.16	49(41,51)	-19.20 <sup>c</sup>
Connecticut	3.92	0.13	37(20,46)	-1.99	New York	3.69	0.06	43(36,46)	-7.82
Delaware	4.16	0.27	27(04,47)	3.88	North Carolina	3.61	0.08	46(37,47)	-9.76
D.C.	3.98	0.36	34(04,50)	-0.66	North Dakota	4.28	0.33	22(02,47)	6.91
Florida	3.75	0.05	42(35,46)	-6.40	Ohio	5.06	0.09	05(01,09)	26.45 <sup>c</sup>
Georgia	3.65	0.09	44(35,47)	-8.81	Oklahoma	4.11	0.14	31(14,42)	2.63
Hawaii	2.72	0.18	51(48,51)	-32.10 <sup>c</sup>	Oregon	4.54	0.14	14(05,29)	13.52
Idaho	4.44	0.22	16(04,41)	10.91	Pennsylvania	4.71	0.08	10(05,18)	17.77 <sup>c</sup>
Illinois	4.29	0.08	21(14,31)	7.16	Rhode Island	4.25	0.26	24(04,46)	6.18
Indiana	4.87	0.11	06(02,16)	21.81 <sup>c</sup>	South Carolina	3.95	0.12	35(21,46)	-1.20
Iowa	4.59	0.16	13(03,29)	14.78	South Dakota	4.15	0.29	29(04,47)	3.59
Kansas	4.15	0.16	28(11,43)	3.68	Tennessee	4.12	0.10	30(16,40)	3.05
Kentucky	4.28	0.13	23(11,38)	6.91	Texas	3.25	0.05	48(46,50)	-18.91 <sup>c</sup>
Louisiana	4.23	0.13	25(12,38)	5.83	Utah	2.91	0.16	50(47,51)	-27.23 <sup>c</sup>
Maine	5.42	0.24	01(01,10)	35.51 <sup>c</sup>	Vermont	4.83	0.35	08(01,40)	20.60 <sup>c</sup>
Maryland	3.84	0.11	41(26,46)	-4.00	Virginia	3.88	0.09	39(27,45)	-3.02
Massachusetts	4.62	0.11	11(05,22)	15.35 <sup>c</sup>	Washington	4.23	0.11	26(14,37)	5.68
Michigan	4.76	0.09	09(04,17)	18.89 <sup>c</sup>	West Virginia	5.20	0.21	02(01,14)	29.86 <sup>c</sup>
Minnesota	4.30	0.12	20(11,36)	7.34	Wisconsin	4.87	0.12	07(02,17)	21.66 <sup>c</sup>
Mississippi	4.03	0.15	33(15,45)	0.60	Wyoming	4.33	0.36	19(01,47)	8.11
Missouri	4.60	0.11	12(06,23)	14.91					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

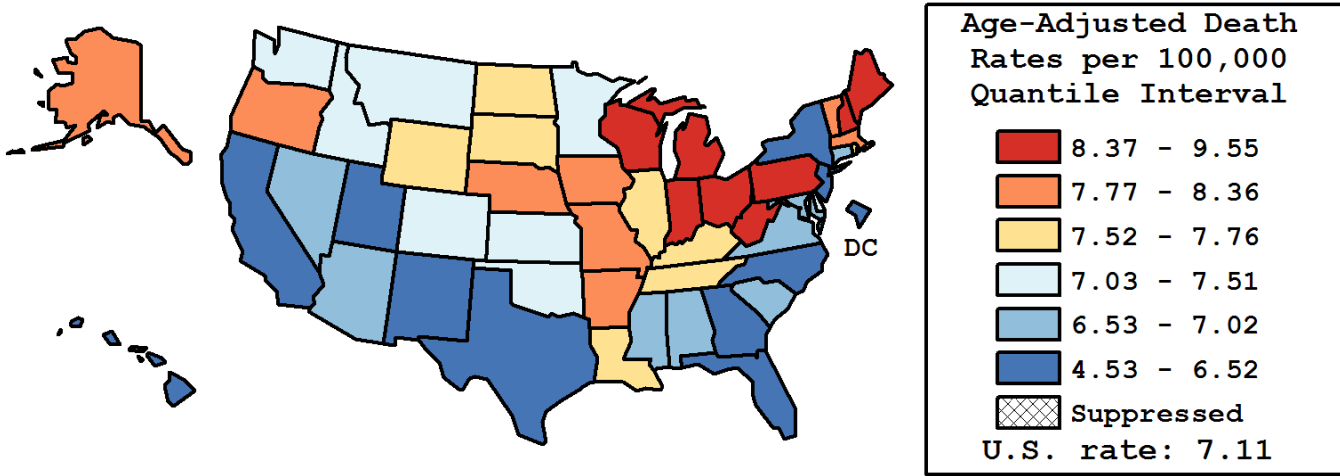
Table 8.19  
Cancer of the Esophagus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	7.11	0.03		
High Five States				
Maine	9.55	0.48	01(01,15)	34.28 <sup>c</sup>
West Virginia	9.18	0.41	02(01,16)	29.08 <sup>c</sup>
Ohio	9.16	0.17	03(01,08)	28.81 <sup>c</sup>
New Hampshire	9.10	0.50	04(01,22)	27.96 <sup>c</sup>
Indiana	8.84	0.23	05(01,14)	24.36 <sup>c</sup>
Low Five States				
Texas	5.81	0.10	47(45,50)	-18.24 <sup>c</sup>
California	5.70	0.08	48(46,50)	-19.88 <sup>c</sup>
D.C.	5.66	0.67	49(19,51)	-20.43 <sup>c</sup>
Utah	5.26	0.31	50(46,51)	-26.02 <sup>c</sup>
Hawaii	4.53	0.34	51(49,51)	-36.30 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	6.96	0.24	35(20,46)	-2.15	Montana	7.21	0.49	32(05,48)	1.48
Alaska	8.25	0.84	11(01,46)	16.05 <sup>c</sup>	Nebraska	8.16	0.41	13(02,35)	14.81
Arizona	6.73	0.19	40(27,46)	-5.35	Nevada	6.95	0.31	36(16,46)	-2.20
Arkansas	7.96	0.32	15(04,33)	11.98	New Hampshire	9.10	0.50	04(01,22)	27.96 <sup>c</sup>
California	5.70	0.08	48(46,50)	-19.88 <sup>c</sup>	New Jersey	6.49	0.17	44(32,47)	-8.69
Colorado	7.27	0.25	31(14,43)	2.21	New Mexico	6.03	0.33	46(31,50)	-15.11 <sup>c</sup>
Connecticut	7.02	0.27	33(17,46)	-1.24	New York	6.52	0.11	43(34,47)	-8.33
Delaware	7.51	0.54	26(03,47)	5.60	North Carolina	6.52	0.16	42(32,47)	-8.26
D.C.	5.66	0.67	49(19,51)	-20.43 <sup>c</sup>	North Dakota	7.67	0.65	20(01,47)	7.83
Florida	6.49	0.10	45(36,47)	-8.73	Ohio	9.16	0.17	03(01,08)	28.81 <sup>c</sup>
Georgia	6.52	0.17	41(32,47)	-8.23	Oklahoma	7.48	0.27	28(10,40)	5.16
Hawaii	4.53	0.34	51(49,51)	-36.30 <sup>c</sup>	Oregon	7.91	0.27	16(06,32)	11.33
Idaho	7.51	0.43	25(05,45)	5.70	Pennsylvania	8.57	0.15	06(03,15)	20.62 <sup>c</sup>
Illinois	7.67	0.16	19(12,32)	7.84	Rhode Island	7.70	0.53	18(02,46)	8.36
Indiana	8.84	0.23	05(01,14)	24.36 <sup>c</sup>	South Carolina	6.94	0.23	37(21,46)	-2.31
Iowa	8.16	0.31	12(03,30)	14.85	South Dakota	7.62	0.57	21(02,46)	7.16
Kansas	7.50	0.32	27(09,42)	5.50	Tennessee	7.58	0.21	24(11,36)	6.64
Kentucky	7.76	0.26	17(08,35)	9.18	Texas	5.81	0.10	47(45,50)	-18.24 <sup>c</sup>
Louisiana	7.60	0.26	22(10,37)	6.89	Utah	5.26	0.31	50(46,51)	-26.02 <sup>c</sup>
Maine	9.55	0.48	01(01,15)	34.28 <sup>c</sup>	Vermont	8.30	0.67	10(01,44)	16.73 <sup>c</sup>
Maryland	6.83	0.22	39(23,46)	-3.88	Virginia	6.86	0.19	38(25,46)	-3.52
Massachusetts	8.36	0.22	09(03,20)	17.65 <sup>c</sup>	Washington	7.32	0.21	30(15,39)	2.90
Michigan	8.52	0.18	07(03,17)	19.89 <sup>c</sup>	West Virginia	9.18	0.41	02(01,16)	29.08 <sup>c</sup>
Minnesota	7.43	0.23	29(12,39)	4.55	Wisconsin	8.51	0.24	08(02,19)	19.76 <sup>c</sup>
Mississippi	6.96	0.31	34(16,46)	-2.13	Wyoming	7.59	0.71	23(01,49)	6.79
Missouri	8.09	0.22	14(05,26)	13.83					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



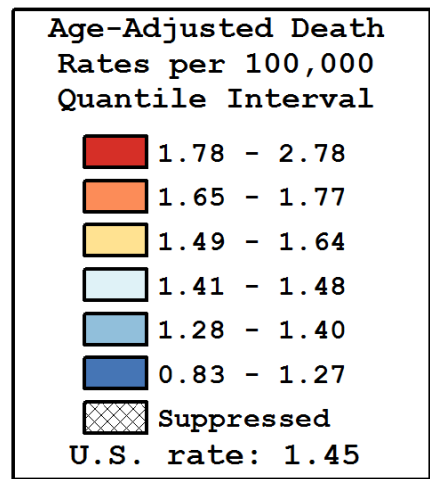
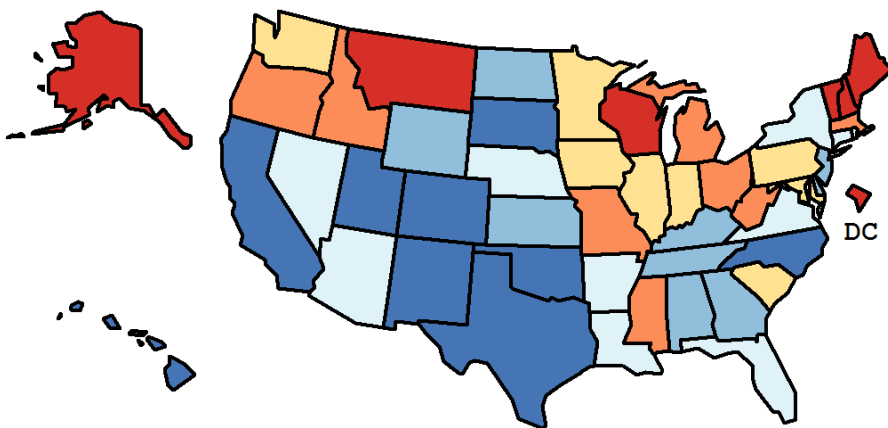
Table 8.20  
Cancer of the Esophagus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	1.45	0.01		
High Five States				
D.C.	2.78	0.39	01(01,12)	91.48 <sup>c</sup>
Alaska	2.41	0.42	02(01,40)	65.77 <sup>c</sup>
Maine	1.99	0.20	03(01,32)	36.95 <sup>c</sup>
Vermont	1.89	0.30	04(01,48)	30.02 <sup>c</sup>
New Hampshire	1.85	0.20	05(01,40)	27.40 <sup>c</sup>
Low Five States				
Hawaii	1.17	0.16	47(12,51)	-19.55 <sup>c</sup>
Colorado	1.15	0.09	48(31,50)	-20.71 <sup>c</sup>
Texas	1.14	0.04	49(40,50)	-21.44 <sup>c</sup>
New Mexico	0.87	0.12	50(42,51)	-40.14 <sup>c</sup>
Utah	0.83	0.11	51(45,51)	-42.70 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	1.40	0.09	34(12,48)	-3.79	Montana	1.82	0.24	06(01,48)	25.23 <sup>c</sup>
Alaska	2.41	0.42	02(01,40)	65.77 <sup>c</sup>	Nebraska	1.47	0.16	26(04,49)	1.35
Arizona	1.43	0.08	31(12,46)	-1.35	Nevada	1.43	0.13	32(05,49)	-1.83
Arkansas	1.45	0.12	30(06,48)	-0.38	New Hampshire	1.85	0.20	05(01,40)	27.40 <sup>c</sup>
California	1.26	0.03	44(34,47)	-13.34	New Jersey	1.39	0.07	35(17,46)	-4.52
Colorado	1.15	0.09	48(31,50)	-20.71 <sup>c</sup>	New Mexico	0.87	0.12	50(42,51)	-40.14 <sup>c</sup>
Connecticut	1.47	0.11	28(06,47)	0.87	New York	1.48	0.05	24(15,39)	2.01
Delaware	1.38	0.21	36(03,51)	-4.94	North Carolina	1.27	0.06	43(27,49)	-12.45
D.C.	2.78	0.39	01(01,12)	91.48 <sup>c</sup>	North Dakota	1.30	0.25	40(03,51)	-10.51
Florida	1.42	0.04	33(20,42)	-2.05	Ohio	1.73	0.07	10(03,24)	19.03 <sup>c</sup>
Georgia	1.36	0.07	38(19,47)	-6.78	Oklahoma	1.23	0.10	45(20,50)	-15.06 <sup>c</sup>
Hawaii	1.17	0.16	47(12,51)	-19.55 <sup>c</sup>	Oregon	1.68	0.11	12(03,37)	15.21 <sup>c</sup>
Idaho	1.75	0.19	09(02,45)	20.24 <sup>c</sup>	Pennsylvania	1.62	0.06	19(06,32)	11.09
Illinois	1.58	0.06	21(07,35)	8.79	Rhode Island	1.47	0.20	27(03,50)	1.27
Indiana	1.60	0.09	20(05,38)	10.14	South Carolina	1.49	0.10	23(07,45)	2.67
Iowa	1.62	0.12	18(03,42)	11.20	South Dakota	1.21	0.21	46(05,51)	-16.47 <sup>c</sup>
Kansas	1.33	0.12	39(11,50)	-8.73	Tennessee	1.28	0.08	42(23,49)	-11.94
Kentucky	1.36	0.10	37(13,49)	-6.28	Texas	1.14	0.04	49(40,50)	-21.44 <sup>c</sup>
Louisiana	1.46	0.10	29(07,47)	0.61	Utah	0.83	0.11	51(45,51)	-42.70 <sup>c</sup>
Maine	1.99	0.20	03(01,32)	36.95 <sup>c</sup>	Vermont	1.89	0.30	04(01,48)	30.02 <sup>c</sup>
Maryland	1.52	0.09	22(06,42)	4.67	Virginia	1.48	0.08	25(10,43)	1.87
Massachusetts	1.67	0.09	13(03,33)	14.81	Washington	1.64	0.09	17(04,36)	12.83
Michigan	1.66	0.07	14(04,31)	14.16	West Virginia	1.77	0.17	08(02,41)	21.46 <sup>c</sup>
Minnesota	1.64	0.10	16(04,39)	13.11	Wisconsin	1.82	0.10	07(02,24)	24.95 <sup>c</sup>
Mississippi	1.66	0.14	15(03,42)	13.83	Wyoming	1.29	0.26	41(03,51)	-11.12
Missouri	1.72	0.09	11(03,31)	18.59 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

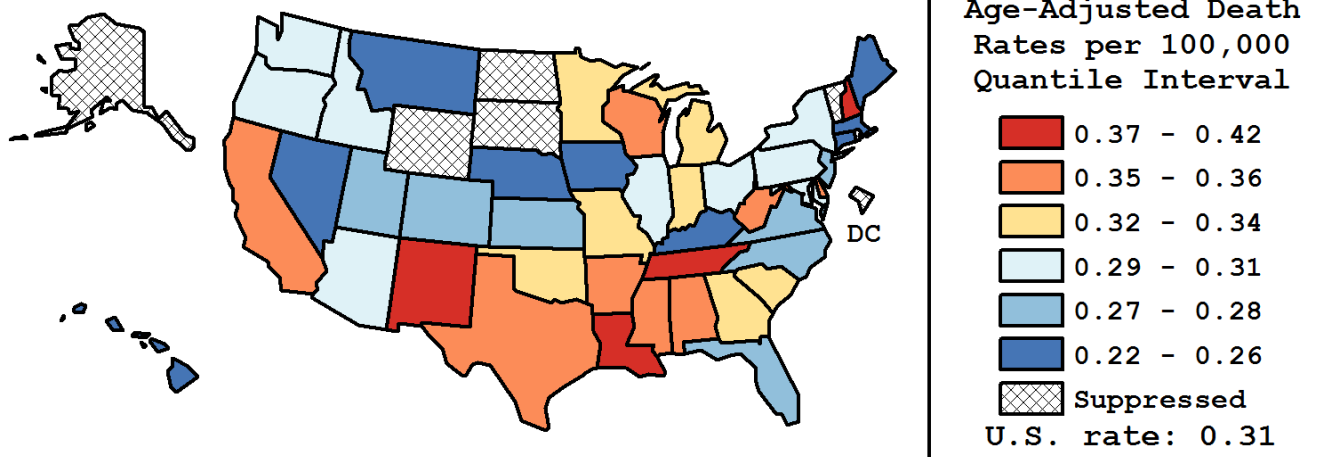
Table 9.18  
Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.31	0.00		
High Five States				
New Hampshire	0.42	0.08	01(01,42)	34.66 <sup>c</sup>
New Mexico	0.40	0.06	02(01,38)	30.15 <sup>c</sup>
Louisiana	0.38	0.04	03(01,35)	21.77 <sup>c</sup>
Tennessee	0.37	0.03	04(01,33)	18.26 <sup>c</sup>
Texas	0.36	0.02	05(02,22)	15.94 <sup>c</sup>
Low Five States				
Nevada	0.25	0.04	40(06,44)	-19.98 <sup>c</sup>
Massachusetts	0.24	0.03	41(17,44)	-22.16 <sup>c</sup>
Iowa	0.24	0.04	42(09,44)	-23.36 <sup>c</sup>
Hawaii	0.23	0.05	43(03,44)	-26.43 <sup>c</sup>
Nebraska	0.22	0.05	44(07,44)	-30.07 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.35	0.04	09(01,39)	13.01	Montana	0.25	0.07	39(01,44)	-19.14 <sup>c</sup>
Alaska	-	-	-(-,-)	-	Nebraska	0.22	0.05	44(07,44)	-30.07 <sup>c</sup>
Arizona	0.29	0.03	28(05,43)	-5.80	Nevada	0.25	0.04	40(06,44)	-19.98 <sup>c</sup>
Arkansas	0.36	0.05	07(01,41)	15.03 <sup>c</sup>	New Hampshire	0.42	0.08	01(01,42)	34.66 <sup>c</sup>
California	0.35	0.01	12(03,23)	11.20	New Jersey	0.28	0.02	31(09,43)	-10.37
Colorado	0.28	0.03	30(05,44)	-9.93	New Mexico	0.40	0.06	02(01,38)	30.15 <sup>c</sup>
Connecticut	0.26	0.04	37(06,44)	-15.32 <sup>c</sup>	New York	0.31	0.02	22(07,37)	-0.76
Delaware	0.36	0.08	06(01,44)	15.17 <sup>c</sup>	North Carolina	0.27	0.02	35(14,43)	-14.21
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.28	0.02	29(15,41)	-9.64	Ohio	0.31	0.02	20(04,37)	0.74
Georgia	0.32	0.03	19(03,40)	1.97	Oklahoma	0.34	0.04	14(01,41)	10.61
Hawaii	0.23	0.05	43(03,44)	-26.43 <sup>c</sup>	Oregon	0.30	0.04	23(02,43)	-2.94
Idaho	0.30	0.06	26(01,44)	-4.01	Pennsylvania	0.31	0.02	21(05,38)	-0.09
Illinois	0.30	0.02	24(07,40)	-3.15	Rhode Island	-	-	-(-,-)	-
Indiana	0.32	0.03	18(02,41)	3.33	South Carolina	0.33	0.04	15(01,41)	5.38
Iowa	0.24	0.04	42(09,44)	-23.36 <sup>c</sup>	South Dakota	-	-	-(-,-)	-
Kansas	0.28	0.04	32(02,44)	-10.44	Tennessee	0.37	0.03	04(01,33)	18.26 <sup>c</sup>
Kentucky	0.26	0.03	36(07,44)	-15.08 <sup>c</sup>	Texas	0.36	0.02	05(02,22)	15.94 <sup>c</sup>
Louisiana	0.38	0.04	03(01,35)	21.77 <sup>c</sup>	Utah	0.28	0.05	33(01,44)	-10.52
Maine	0.26	0.06	38(01,44)	-16.92 <sup>c</sup>	Vermont	-	-	-(-,-)	-
Maryland	0.30	0.03	25(03,43)	-3.30	Virginia	0.28	0.03	34(09,43)	-11.35
Massachusetts	0.24	0.03	41(17,44)	-22.16 <sup>c</sup>	Washington	0.29	0.03	27(04,43)	-5.15
Michigan	0.32	0.02	16(02,38)	4.23	West Virginia	0.35	0.06	11(01,44)	11.77
Minnesota	0.32	0.03	17(01,41)	3.73	Wisconsin	0.35	0.03	10(01,36)	12.71
Mississippi	0.35	0.05	08(01,42)	13.55	Wyoming	-	-	-(-,-)	-
Missouri	0.34	0.03	13(01,38)	10.71					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

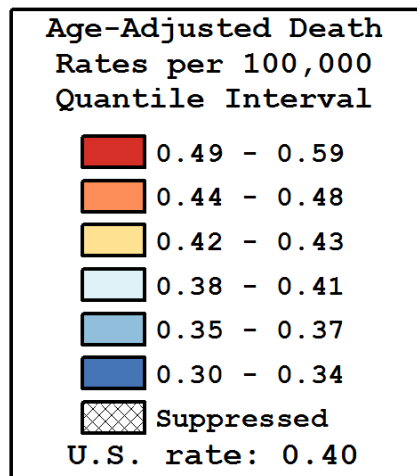
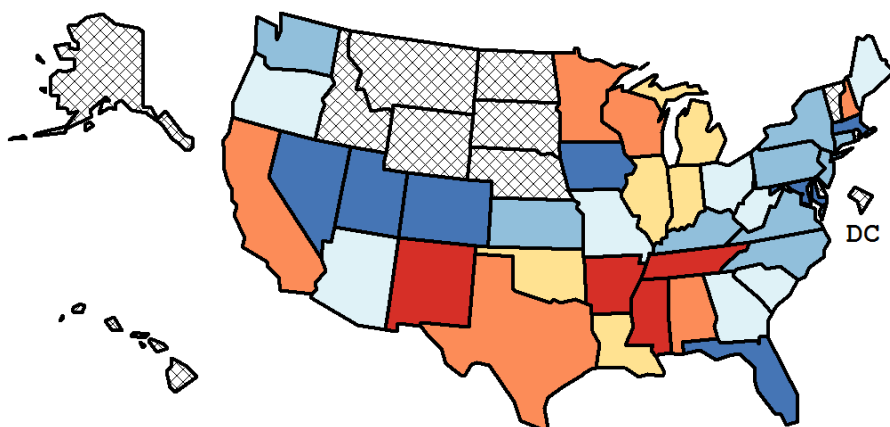
Table 9.19  
Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.40	0.01		
High Five States				
New Mexico	0.59	0.11	01(01,35)	48.39 <sup>c</sup>
Arkansas	0.50	0.08	02(01,38)	27.60 <sup>c</sup>
Tennessee	0.50	0.06	03(01,30)	27.50 <sup>c</sup>
Mississippi	0.49	0.08	04(01,38)	22.83 <sup>c</sup>
New Hampshire	0.48	0.12	05(01,39)	22.17 <sup>c</sup>
Low Five States				
Iowa	0.33	0.06	35(03,39)	-16.12 <sup>c</sup>
Nevada	0.32	0.07	36(03,39)	-18.86 <sup>c</sup>
Utah	0.32	0.08	37(02,39)	-19.05 <sup>c</sup>
Maryland	0.32	0.05	38(08,39)	-19.79 <sup>c</sup>
Massachusetts	0.30	0.04	39(12,39)	-23.00 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.47	0.06	08(01,36)	18.23 <sup>c</sup>	Montana	-	-	-(-,-)	-
Alaska	-	-	-(-,-)	-	Nebraska	-	-	-(-,-)	-
Arizona	0.38	0.05	23(04,39)	-3.90	Nevada	0.32	0.07	36(03,39)	-18.86 <sup>c</sup>
Arkansas	0.50	0.08	02(01,38)	27.60 <sup>c</sup>	New Hampshire	0.48	0.12	05(01,39)	22.17 <sup>c</sup>
California	0.44	0.02	10(04,25)	11.29	New Jersey	0.36	0.04	28(06,39)	-9.08
Colorado	0.34	0.06	33(04,39)	-13.36	New Mexico	0.59	0.11	01(01,35)	48.39 <sup>c</sup>
Connecticut	0.37	0.06	25(02,39)	-6.39	New York	0.36	0.03	27(10,38)	-7.80
Delaware	-	-	-(-,-)	-	North Carolina	0.35	0.04	30(07,39)	-10.63
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.34	0.02	34(16,39)	-13.73	Ohio	0.40	0.04	21(04,37)	1.53
Georgia	0.41	0.04	18(02,37)	3.63	Oklahoma	0.42	0.07	15(01,39)	5.33
Hawaii	-	-	-(-,-)	-	Oregon	0.41	0.06	17(01,39)	3.65
Idaho	-	-	-(-,-)	-	Pennsylvania	0.37	0.03	24(08,38)	-6.30
Illinois	0.42	0.04	14(02,34)	6.25	Rhode Island	-	-	-(-,-)	-
Indiana	0.43	0.05	13(01,38)	8.02	South Carolina	0.41	0.06	19(01,39)	3.48
Iowa	0.33	0.06	35(03,39)	-16.12 <sup>c</sup>	South Dakota	-	-	-(-,-)	-
Kansas	0.37	0.07	26(01,39)	-6.96	Tennessee	0.50	0.06	03(01,30)	27.50 <sup>c</sup>
Kentucky	0.35	0.06	32(03,39)	-11.56	Texas	0.48	0.03	06(01,21)	20.90 <sup>c</sup>
Louisiana	0.43	0.06	12(01,38)	8.56	Utah	0.32	0.08	37(02,39)	-19.05 <sup>c</sup>
Maine	0.41	0.11	16(01,39)	4.95	Vermont	-	-	-(-,-)	-
Maryland	0.32	0.05	38(08,39)	-19.79 <sup>c</sup>	Virginia	0.35	0.04	29(06,39)	-10.27
Massachusetts	0.30	0.04	39(12,39)	-23.00 <sup>c</sup>	Washington	0.35	0.04	31(05,39)	-11.51
Michigan	0.43	0.04	11(02,34)	9.38	West Virginia	0.40	0.09	20(01,39)	1.74
Minnesota	0.45	0.06	09(01,36)	14.00	Wisconsin	0.47	0.06	07(01,34)	19.08 <sup>c</sup>
Mississippi	0.49	0.08	04(01,38)	22.83 <sup>c</sup>	Wyoming	-	-	-(-,-)	-
Missouri	0.39	0.05	22(02,39)	-0.53					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

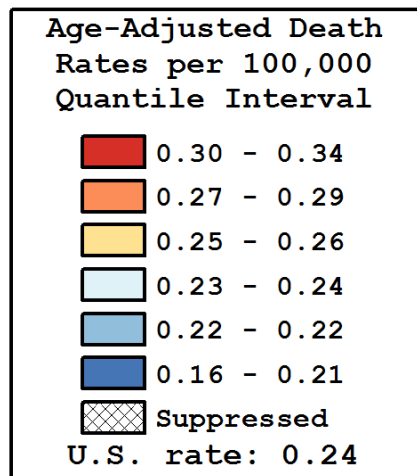
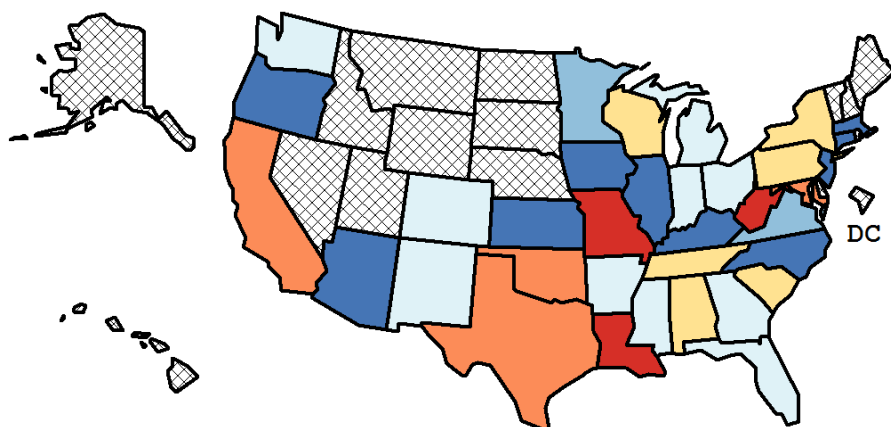
Table 9.20  
Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.24	0.01		
High Five States				
Louisiana	0.34	0.05	01(01,26)	40.61 <sup>c</sup>
West Virginia	0.31	0.08	02(01,35)	27.07 <sup>c</sup>
Missouri	0.30	0.04	03(01,31)	24.22 <sup>c</sup>
Oklahoma	0.29	0.05	04(01,34)	20.70 <sup>c</sup>
Maryland	0.29	0.04	05(01,32)	18.57 <sup>c</sup>
Low Five States				
Illinois	0.20	0.02	31(08,35)	-14.92
North Carolina	0.19	0.03	32(09,35)	-19.76 <sup>c</sup>
Massachusetts	0.19	0.03	33(07,35)	-21.96 <sup>c</sup>
Connecticut	0.16	0.04	34(07,35)	-32.55 <sup>c</sup>
Iowa	0.16	0.04	35(06,35)	-34.44 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.25	0.04	11(01,35)	5.94	Montana	-	-	-(-,-)	-
Alaska	-	-	-(-,-)	-	Nebraska	-	-	-(-,-)	-
Arizona	0.21	0.03	29(03,35)	-12.87	Nevada	-	-	-(-,-)	-
Arkansas	0.24	0.06	14(01,35)	0.62	New Hampshire	-	-	-(-,-)	-
California	0.27	0.02	07(02,23)	11.24	New Jersey	0.21	0.03	28(05,35)	-12.28
Colorado	0.23	0.04	21(01,35)	-3.92	New Mexico	0.23	0.06	19(01,35)	-2.38
Connecticut	0.16	0.04	34(07,35)	-32.55 <sup>c</sup>	New York	0.26	0.02	09(02,27)	9.02
Delaware	-	-	-(-,-)	-	North Carolina	0.19	0.03	32(09,35)	-19.76 <sup>c</sup>
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.23	0.02	23(06,32)	-4.47	Ohio	0.23	0.03	20(03,33)	-2.39
Georgia	0.24	0.03	17(02,34)	-1.27	Oklahoma	0.29	0.05	04(01,34)	20.70 <sup>c</sup>
Hawaii	-	-	-(-,-)	-	Oregon	0.21	0.04	26(01,35)	-11.47
Idaho	-	-	-(-,-)	-	Pennsylvania	0.26	0.03	08(01,29)	10.09
Illinois	0.20	0.02	31(08,35)	-14.92	Rhode Island	-	-	-(-,-)	-
Indiana	0.24	0.04	18(02,35)	-2.11	South Carolina	0.25	0.04	12(01,35)	4.37
Iowa	0.16	0.04	35(06,35)	-34.44 <sup>c</sup>	South Dakota	-	-	-(-,-)	-
Kansas	0.21	0.05	27(01,35)	-11.86	Tennessee	0.26	0.04	10(01,34)	7.65
Kentucky	0.21	0.04	30(02,35)	-14.04	Texas	0.27	0.02	06(02,25)	12.03
Louisiana	0.34	0.05	01(01,26)	40.61 <sup>c</sup>	Utah	-	-	-(-,-)	-
Maine	-	-	-(-,-)	-	Vermont	-	-	-(-,-)	-
Maryland	0.29	0.04	05(01,32)	18.57 <sup>c</sup>	Virginia	0.22	0.03	25(03,35)	-10.02
Massachusetts	0.19	0.03	33(07,35)	-21.96 <sup>c</sup>	Washington	0.24	0.04	15(01,34)	0.29
Michigan	0.23	0.03	22(03,34)	-4.29	West Virginia	0.31	0.08	02(01,35)	27.07 <sup>c</sup>
Minnesota	0.22	0.04	24(02,35)	-9.25	Wisconsin	0.25	0.04	13(01,34)	1.91
Mississippi	0.24	0.05	16(01,35)	0.00	Wyoming	-	-	-(-,-)	-
Missouri	0.30	0.04	03(01,31)	24.22 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

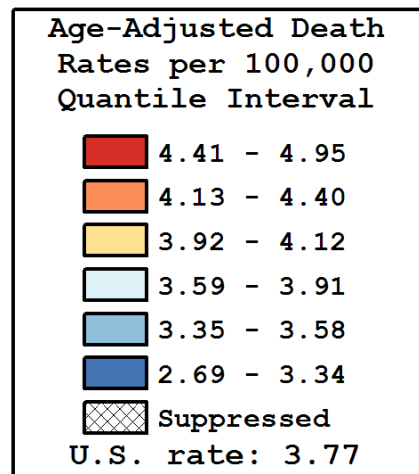
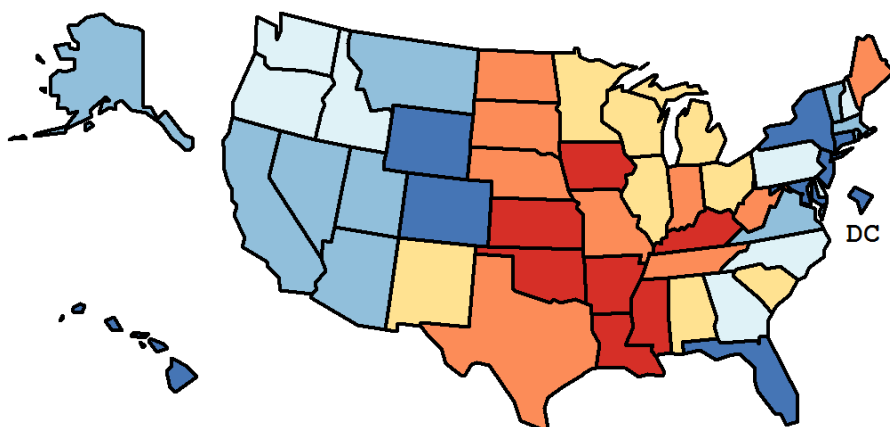
Table 11.18  
Cancer of the Kidney and Renal Pelvis (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.77	0.01		
High Five States				
Oklahoma	4.95	0.15	01(01,08)	31.39 <sup>c</sup>
Arkansas	4.77	0.17	02(01,13)	26.56 <sup>c</sup>
Kentucky	4.76	0.14	03(01,11)	26.37 <sup>c</sup>
Louisiana	4.66	0.14	04(01,14)	23.80 <sup>c</sup>
Iowa	4.62	0.16	05(01,17)	22.66 <sup>c</sup>
Low Five States				
New Jersey	3.18	0.08	47(39,49)	-15.73 <sup>c</sup>
New York	3.00	0.05	48(45,50)	-20.39 <sup>c</sup>
Connecticut	2.81	0.11	49(45,51)	-25.45 <sup>c</sup>
D.C.	2.76	0.30	50(30,51)	-26.64 <sup>c</sup>
Hawaii	2.69	0.17	51(45,51)	-28.49 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.97	0.12	22(11,34)	5.45	Montana	3.53	0.23	36(13,49)	-6.43
Alaska	3.58	0.37	34(03,51)	-5.02	Nebraska	4.18	0.20	15(02,35)	11.05
Arizona	3.58	0.10	33(24,44)	-5.01	Nevada	3.55	0.16	35(19,47)	-5.81
Arkansas	4.77	0.17	02(01,13)	26.56 <sup>c</sup>	New Hampshire	3.85	0.22	26(06,45)	2.08
California	3.47	0.04	38(32,43)	-7.89	New Jersey	3.18	0.08	47(39,49)	-15.73 <sup>c</sup>
Colorado	3.27	0.11	45(33,49)	-13.22	New Mexico	4.12	0.19	17(03,34)	9.35
Connecticut	2.81	0.11	49(45,51)	-25.45 <sup>c</sup>	New York	3.00	0.05	48(45,50)	-20.39 <sup>c</sup>
Delaware	3.91	0.26	25(03,47)	3.84	North Carolina	3.77	0.08	28(20,38)	-0.04
D.C.	2.76	0.30	50(30,51)	-26.64 <sup>c</sup>	North Dakota	4.16	0.32	16(01,45)	10.35
Florida	3.34	0.05	43(36,47)	-11.33	Ohio	3.92	0.08	24(15,32)	3.92
Georgia	3.68	0.09	31(22,41)	-2.42	Oklahoma	4.95	0.15	01(01,08)	31.39 <sup>c</sup>
Hawaii	2.69	0.17	51(45,51)	-28.49 <sup>c</sup>	Oregon	3.72	0.13	30(16,43)	-1.32
Idaho	3.84	0.21	27(07,45)	2.01	Pennsylvania	3.67	0.07	32(24,39)	-2.71
Illinois	4.08	0.08	19(11,27)	8.41	Rhode Island	3.46	0.23	39(15,50)	-8.12
Indiana	4.33	0.11	11(04,22)	14.82	South Carolina	4.01	0.12	20(09,33)	6.37
Iowa	4.62	0.16	05(01,17)	22.66 <sup>c</sup>	South Dakota	4.30	0.30	13(01,40)	14.04
Kansas	4.43	0.17	07(01,24)	17.65 <sup>c</sup>	Tennessee	4.21	0.11	14(06,25)	11.78
Kentucky	4.76	0.14	03(01,11)	26.37 <sup>c</sup>	Texas	4.40	0.06	09(05,16)	16.67 <sup>c</sup>
Louisiana	4.66	0.14	04(01,14)	23.80 <sup>c</sup>	Utah	3.44	0.17	40(21,49)	-8.78
Maine	4.31	0.22	12(01,33)	14.48	Vermont	3.38	0.29	41(13,51)	-10.28
Maryland	3.33	0.10	44(31,48)	-11.60	Virginia	3.52	0.09	37(27,45)	-6.63
Massachusetts	3.36	0.09	42(32,47)	-10.85	Washington	3.72	0.10	29(20,40)	-1.24
Michigan	3.94	0.08	23(14,32)	4.59	West Virginia	4.38	0.19	10(01,28)	16.36 <sup>c</sup>
Minnesota	4.00	0.11	21(11,33)	6.21	Wisconsin	4.11	0.11	18(07,28)	9.14
Mississippi	4.48	0.17	06(01,22)	18.92 <sup>c</sup>	Wyoming	3.20	0.32	46(14,51)	-14.99
Missouri	4.40	0.11	08(03,19)	16.86 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

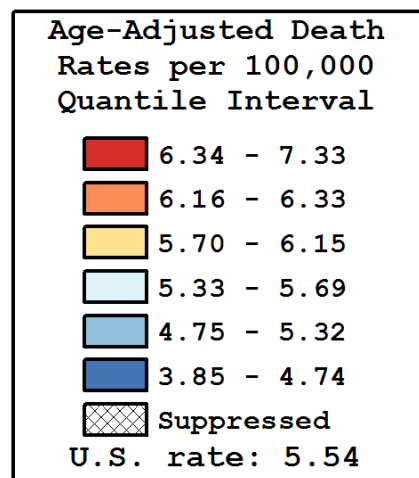
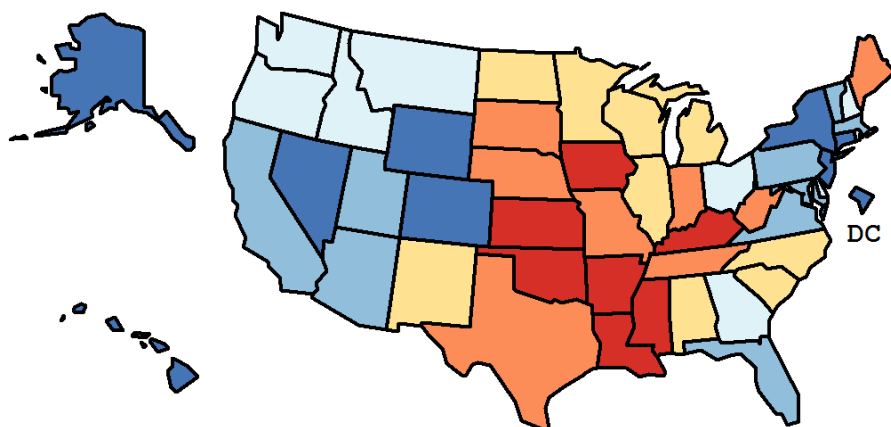
Table 11.19  
Cancer of the Kidney and Renal Pelvis (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	5.54	0.03		
High Five States				
Oklahoma	7.33	0.28	01(01,08)	32.38 <sup>c</sup>
Arkansas	7.12	0.30	02(01,13)	28.63 <sup>c</sup>
Iowa	7.01	0.29	03(01,15)	26.54 <sup>c</sup>
Kentucky	6.93	0.25	04(01,15)	25.06 <sup>c</sup>
Louisiana	6.76	0.25	05(01,18)	22.08 <sup>c</sup>
Low Five States				
New York	4.54	0.10	47(41,50)	-17.98 <sup>c</sup>
Wyoming	4.42	0.56	48(10,51)	-20.25 <sup>c</sup>
Connecticut	4.29	0.21	49(40,51)	-22.49 <sup>c</sup>
Hawaii	3.92	0.31	50(41,51)	-29.28 <sup>c</sup>
D.C.	3.85	0.54	51(23,51)	-30.47 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	6.15	0.23	17(04,30)	11.01	Montana	5.37	0.42	33(06,49)	-3.02
Alaska	4.69	0.63	44(05,51)	-15.41 <sup>c</sup>	Nebraska	6.19	0.36	15(02,37)	11.69
Arizona	5.26	0.17	35(22,44)	-5.04	Nevada	4.74	0.26	43(27,51)	-14.45
Arkansas	7.12	0.30	02(01,13)	28.63 <sup>c</sup>	New Hampshire	5.69	0.39	25(04,46)	2.67
California	5.17	0.08	36(29,42)	-6.63	New Jersey	4.62	0.14	46(37,50)	-16.67 <sup>c</sup>
Colorado	4.64	0.20	45(34,51)	-16.27 <sup>c</sup>	New Mexico	5.77	0.33	22(04,43)	4.16
Connecticut	4.29	0.21	49(40,51)	-22.49 <sup>c</sup>	New York	4.54	0.10	47(41,50)	-17.98 <sup>c</sup>
Delaware	5.63	0.48	27(02,49)	1.58	North Carolina	5.86	0.16	21(09,32)	5.81
D.C.	3.85	0.54	51(23,51)	-30.47 <sup>c</sup>	North Dakota	5.93	0.57	19(01,48)	7.15
Florida	4.95	0.09	42(34,46)	-10.68	Ohio	5.64	0.14	26(15,36)	1.81
Georgia	5.60	0.17	28(15,39)	1.09	Oklahoma	7.33	0.28	01(01,08)	32.38 <sup>c</sup>
Hawaii	3.92	0.31	50(41,51)	-29.28 <sup>c</sup>	Oregon	5.48	0.23	29(14,43)	-1.03
Idaho	5.42	0.37	31(07,48)	-2.09	Pennsylvania	5.32	0.12	34(24,41)	-3.98
Illinois	5.92	0.14	20(09,30)	6.84	Rhode Island	5.40	0.44	32(04,50)	-2.46
Indiana	6.24	0.20	12(04,26)	12.66	South Carolina	6.15	0.23	16(03,30)	11.10
Iowa	7.01	0.29	03(01,15)	26.54 <sup>c</sup>	South Dakota	6.27	0.53	09(01,44)	13.17
Kansas	6.40	0.30	07(01,30)	15.60 <sup>c</sup>	Tennessee	6.23	0.20	13(04,27)	12.47
Kentucky	6.93	0.25	04(01,15)	25.06 <sup>c</sup>	Texas	6.33	0.11	08(05,19)	14.29
Louisiana	6.76	0.25	05(01,18)	22.08 <sup>c</sup>	Utah	5.01	0.31	40(18,50)	-9.63
Maine	6.21	0.39	14(01,39)	12.16	Vermont	4.96	0.53	41(06,51)	-10.51
Maryland	5.08	0.19	38(25,47)	-8.26	Virginia	5.12	0.16	37(26,46)	-7.53
Massachusetts	5.02	0.17	39(28,47)	-9.39	Washington	5.47	0.18	30(17,41)	-1.24
Michigan	5.73	0.15	23(13,35)	3.38	West Virginia	6.26	0.34	11(01,34)	12.93
Minnesota	5.70	0.20	24(10,38)	2.95	Wisconsin	5.97	0.20	18(06,33)	7.85
Mississippi	6.54	0.31	06(01,25)	18.07 <sup>c</sup>	Wyoming	4.42	0.56	48(10,51)	-20.25 <sup>c</sup>
Missouri	6.27	0.20	10(03,26)	13.17					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



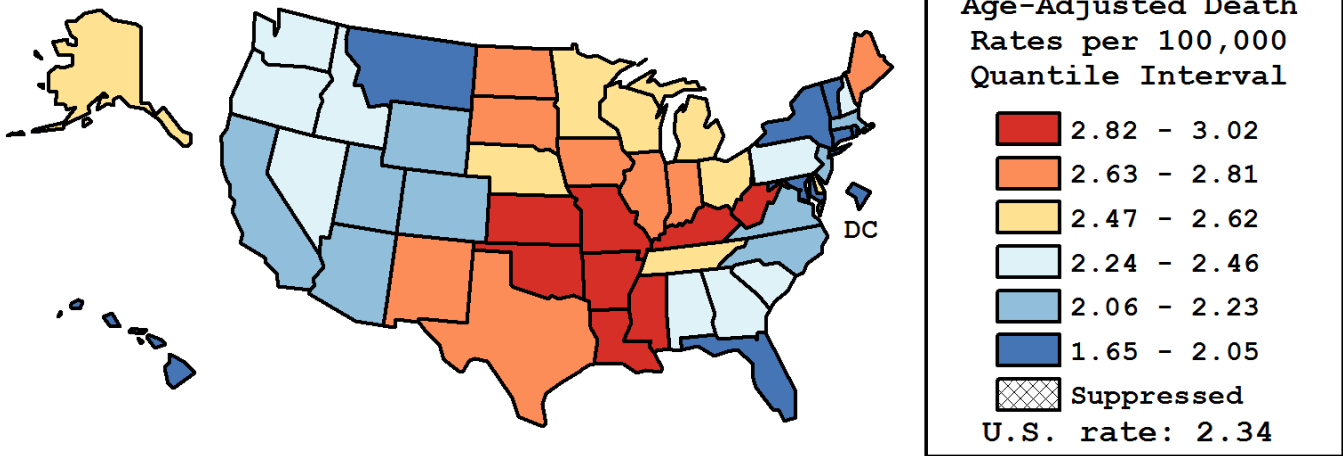
Table 11.20  
Cancer of the Kidney And Renal Pelvis (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.34	0.02		
High Five States				
Kentucky	3.02	0.15	01(01,19)	28.73 <sup>c</sup>
Oklahoma	2.99	0.16	02(01,22)	27.46 <sup>c</sup>
Louisiana	2.97	0.15	03(01,21)	26.56 <sup>c</sup>
Missouri	2.92	0.12	04(01,20)	24.75 <sup>c</sup>
West Virginia	2.86	0.21	05(01,33)	22.02 <sup>c</sup>
Low Five States				
Montana	1.90	0.24	47(14,51)	-19.04 <sup>c</sup>
D.C.	1.86	0.31	48(05,51)	-20.60 <sup>c</sup>
New York	1.84	0.05	49(42,51)	-21.62 <sup>c</sup>
Hawaii	1.71	0.19	50(27,51)	-27.05 <sup>c</sup>
Connecticut	1.65	0.11	51(42,51)	-29.56 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.32	0.12	29(14,45)	-1.15	Montana	1.90	0.24	47(14,51)	-19.04 <sup>c</sup>
Alaska	2.53	0.43	23(01,51)	7.85	Nebraska	2.53	0.21	22(01,46)	8.09
Arizona	2.11	0.10	38(24,49)	-9.82	Nevada	2.46	0.18	25(03,46)	4.77
Arkansas	2.84	0.17	07(01,29)	21.33 <sup>c</sup>	New Hampshire	2.29	0.23	31(03,50)	-2.45
California	2.09	0.04	39(31,46)	-10.89	New Jersey	2.07	0.08	41(28,49)	-11.88
Colorado	2.17	0.12	36(20,48)	-7.62	New Mexico	2.69	0.20	12(01,40)	14.69
Connecticut	1.65	0.11	51(42,51)	-29.56 <sup>c</sup>	New York	1.84	0.05	49(42,51)	-21.62 <sup>c</sup>
Delaware	2.57	0.28	20(01,49)	9.83	North Carolina	2.16	0.08	37(24,47)	-7.71
D.C.	1.86	0.31	48(05,51)	-20.60 <sup>c</sup>	North Dakota	2.65	0.36	16(01,50)	13.26
Florida	1.99	0.05	45(35,49)	-14.99	Ohio	2.55	0.08	21(09,31)	8.66
Georgia	2.24	0.09	33(20,45)	-4.57	Oklahoma	2.99	0.16	02(01,22)	27.46 <sup>c</sup>
Hawaii	1.71	0.19	50(27,51)	-27.05 <sup>c</sup>	Oregon	2.30	0.13	30(12,46)	-2.04
Idaho	2.43	0.23	26(01,49)	3.86	Pennsylvania	2.37	0.07	27(17,38)	1.24
Illinois	2.66	0.08	15(05,26)	13.51	Rhode Island	2.01	0.24	44(10,51)	-14.17
Indiana	2.80	0.12	10(01,25)	19.64 <sup>c</sup>	South Carolina	2.35	0.12	28(12,45)	0.41
Iowa	2.67	0.16	13(01,34)	14.02	South Dakota	2.66	0.32	14(01,49)	13.51
Kansas	2.82	0.18	08(01,30)	20.30 <sup>c</sup>	Tennessee	2.62	0.11	17(04,32)	11.77
Kentucky	3.02	0.15	01(01,19)	28.73 <sup>c</sup>	Texas	2.81	0.06	09(02,18)	20.06 <sup>c</sup>
Louisiana	2.97	0.15	03(01,21)	26.56 <sup>c</sup>	Utah	2.08	0.18	40(16,51)	-11.45
Maine	2.76	0.23	11(01,40)	17.56 <sup>c</sup>	Vermont	2.05	0.30	43(04,51)	-12.72
Maryland	1.99	0.11	46(28,50)	-15.17 <sup>c</sup>	Virginia	2.23	0.10	34(20,46)	-4.97
Massachusetts	2.06	0.09	42(27,49)	-11.95	Washington	2.27	0.11	32(17,46)	-3.03
Michigan	2.49	0.09	24(11,34)	6.28	West Virginia	2.86	0.21	05(01,33)	22.02 <sup>c</sup>
Minnesota	2.58	0.12	19(04,34)	10.10	Wisconsin	2.59	0.12	18(04,34)	10.46
Mississippi	2.85	0.18	06(01,29)	21.66 <sup>c</sup>	Wyoming	2.21	0.37	35(01,51)	-5.91
Missouri	2.92	0.12	04(01,20)	24.75 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

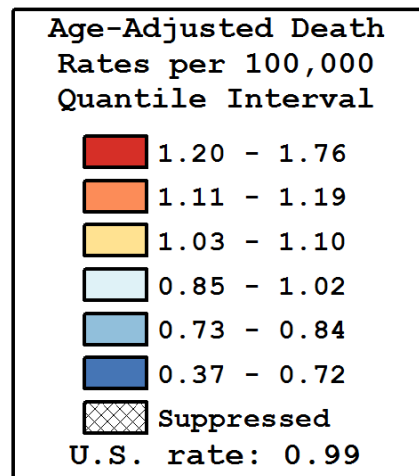
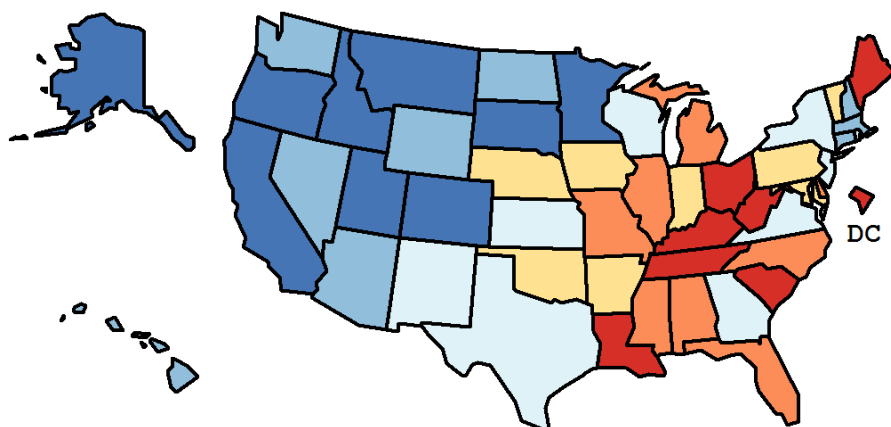
Table 12.18  
Cancer of the Larynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.99	0.01		
High Five States				
West Virginia	1.76	0.12	01(01,03)	77.34 <sup>c</sup>
Kentucky	1.56	0.08	02(01,05)	57.48 <sup>c</sup>
Louisiana	1.34	0.07	03(02,14)	35.42 <sup>c</sup>
Tennessee	1.32	0.06	04(02,14)	32.63 <sup>c</sup>
Maine	1.27	0.12	05(02,30)	27.80 <sup>c</sup>
Low Five States				
California	0.67	0.02	47(40,50)	-32.46 <sup>c</sup>
Idaho	0.65	0.08	48(30,51)	-34.85 <sup>c</sup>
Colorado	0.64	0.05	49(36,50)	-35.28 <sup>c</sup>
South Dakota	0.55	0.11	50(32,51)	-44.58 <sup>c</sup>
Utah	0.37	0.06	51(49,51)	-62.37 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	1.11	0.06	16(05,31)	11.79	Montana	0.70	0.10	45(22,51)	-29.45 <sup>c</sup>
Alaska	0.69	0.17	46(08,51)	-30.09 <sup>c</sup>	Nebraska	1.07	0.10	21(03,39)	7.46
Arizona	0.73	0.04	42(33,49)	-26.18 <sup>c</sup>	Nevada	0.82	0.07	35(21,49)	-17.73 <sup>c</sup>
Arkansas	1.09	0.08	18(04,34)	10.37	New Hampshire	0.84	0.10	34(10,50)	-15.30 <sup>c</sup>
California	0.67	0.02	47(40,50)	-32.46 <sup>c</sup>	New Jersey	0.96	0.04	29(16,36)	-2.83
Colorado	0.64	0.05	49(36,50)	-35.28 <sup>c</sup>	New Mexico	0.85	0.08	33(15,49)	-14.02
Connecticut	0.76	0.06	39(29,49)	-23.28 <sup>c</sup>	New York	1.02	0.03	25(15,32)	2.66
Delaware	1.16	0.14	11(02,39)	16.70 <sup>c</sup>	North Carolina	1.11	0.04	15(06,28)	12.18
D.C.	1.24	0.20	08(01,45)	25.38 <sup>c</sup>	North Dakota	0.81	0.14	36(07,50)	-18.05 <sup>c</sup>
Florida	1.14	0.03	13(07,22)	14.64	Ohio	1.26	0.04	06(03,15)	27.00 <sup>c</sup>
Georgia	0.95	0.04	30(18,37)	-3.95	Oklahoma	1.07	0.07	20(06,34)	8.10
Hawaii	0.74	0.09	41(22,50)	-25.54 <sup>c</sup>	Oregon	0.72	0.05	44(31,50)	-27.47 <sup>c</sup>
Idaho	0.65	0.08	48(30,51)	-34.85 <sup>c</sup>	Pennsylvania	1.06	0.04	23(10,30)	6.87
Illinois	1.13	0.04	14(06,25)	14.03	Rhode Island	0.99	0.12	28(03,48)	-0.62
Indiana	1.10	0.05	17(06,31)	10.58	South Carolina	1.25	0.07	07(03,23)	25.57 <sup>c</sup>
Iowa	1.08	0.07	19(04,34)	8.71	South Dakota	0.55	0.11	50(32,51)	-44.58 <sup>c</sup>
Kansas	0.88	0.07	32(15,46)	-11.39	Tennessee	1.32	0.06	04(02,14)	32.63 <sup>c</sup>
Kentucky	1.56	0.08	02(01,05)	57.48 <sup>c</sup>	Texas	0.99	0.03	27(18,33)	0.15
Louisiana	1.34	0.07	03(02,14)	35.42 <sup>c</sup>	Utah	0.37	0.06	51(49,51)	-62.37 <sup>c</sup>
Maine	1.27	0.12	05(02,30)	27.80 <sup>c</sup>	Vermont	1.03	0.16	24(02,49)	3.53
Maryland	1.06	0.06	22(07,33)	7.19	Virginia	1.00	0.05	26(12,35)	0.98
Massachusetts	0.80	0.04	38(29,47)	-19.64 <sup>c</sup>	Washington	0.80	0.05	37(29,46)	-19.24 <sup>c</sup>
Michigan	1.19	0.04	09(04,22)	19.51 <sup>c</sup>	West Virginia	1.76	0.12	01(01,03)	77.34 <sup>c</sup>
Minnesota	0.72	0.05	43(32,50)	-26.94 <sup>c</sup>	Wisconsin	0.90	0.05	31(19,41)	-9.08
Mississippi	1.17	0.08	10(03,30)	18.35 <sup>c</sup>	Wyoming	0.74	0.15	40(07,51)	-25.09 <sup>c</sup>
Missouri	1.14	0.06	12(04,28)	14.74					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

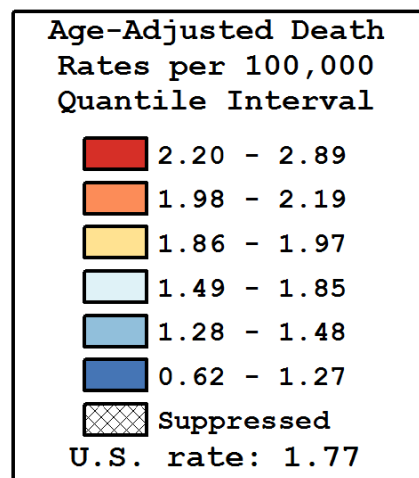
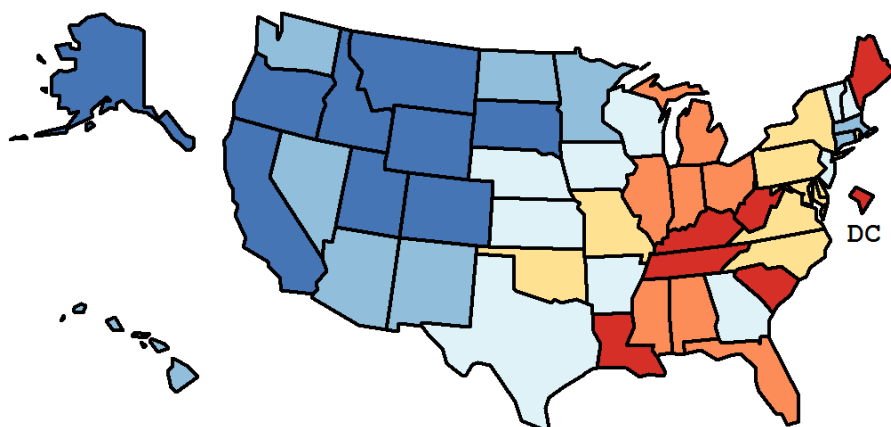
Table 12.19  
Cancer of the Larynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	1.77	0.01		
High Five States				
West Virginia	2.89	0.22	01(01,07)	63.38 <sup>c</sup>
Kentucky	2.59	0.15	02(01,09)	46.20 <sup>c</sup>
Louisiana	2.44	0.15	03(01,15)	38.13 <sup>c</sup>
Tennessee	2.34	0.12	04(01,16)	32.06 <sup>c</sup>
South Carolina	2.33	0.14	05(01,19)	31.49 <sup>c</sup>
Low Five States				
Alaska	1.21	0.33	47(05,51)	-31.40 <sup>c</sup>
Idaho	1.14	0.17	48(28,51)	-35.58 <sup>c</sup>
Colorado	1.11	0.10	49(36,50)	-37.51 <sup>c</sup>
South Dakota	0.90	0.20	50(33,51)	-49.27 <sup>c</sup>
Utah	0.62	0.11	51(49,51)	-64.83 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.07	0.13	11(03,30)	16.70 <sup>c</sup>	Montana	1.24	0.20	45(22,50)	-29.86 <sup>c</sup>
Alaska	1.21	0.33	47(05,51)	-31.40 <sup>c</sup>	Nebraska	1.81	0.19	27(04,43)	2.23
Arizona	1.28	0.08	42(32,49)	-27.71 <sup>c</sup>	Nevada	1.44	0.14	35(20,49)	-18.63 <sup>c</sup>
Arkansas	1.85	0.15	24(05,37)	4.73	New Hampshire	1.49	0.21	33(09,50)	-15.55 <sup>c</sup>
California	1.23	0.04	46(37,49)	-30.64 <sup>c</sup>	New Jersey	1.72	0.09	29(14,36)	-2.79
Colorado	1.11	0.10	49(36,50)	-37.51 <sup>c</sup>	New Mexico	1.48	0.16	34(15,49)	-16.50 <sup>c</sup>
Connecticut	1.34	0.12	39(28,49)	-24.54 <sup>c</sup>	New York	1.89	0.06	21(10,30)	6.70
Delaware	1.96	0.28	17(01,46)	10.99	North Carolina	1.92	0.09	18(07,31)	8.23
D.C.	2.20	0.41	07(01,48)	24.14 <sup>c</sup>	North Dakota	1.33	0.27	40(07,51)	-24.80 <sup>c</sup>
Florida	2.07	0.06	10(05,21)	17.14 <sup>c</sup>	Ohio	2.14	0.08	09(03,21)	20.78 <sup>c</sup>
Georgia	1.77	0.09	28(12,36)	-0.26	Oklahoma	1.89	0.14	22(05,35)	6.58
Hawaii	1.36	0.18	38(18,50)	-23.08 <sup>c</sup>	Oregon	1.25	0.11	44(32,50)	-29.14 <sup>c</sup>
Idaho	1.14	0.17	48(28,51)	-35.58 <sup>c</sup>	Pennsylvania	1.91	0.07	20(08,30)	7.86
Illinois	2.04	0.08	12(05,26)	15.55 <sup>c</sup>	Rhode Island	1.91	0.27	19(01,45)	8.14
Indiana	2.00	0.11	13(04,31)	12.96	South Carolina	2.33	0.14	05(01,19)	31.49 <sup>c</sup>
Iowa	1.85	0.14	25(05,37)	4.58	South Dakota	0.90	0.20	50(33,51)	-49.27 <sup>c</sup>
Kansas	1.62	0.15	31(11,46)	-8.31	Tennessee	2.34	0.12	04(01,16)	32.06 <sup>c</sup>
Kentucky	2.59	0.15	02(01,09)	46.20 <sup>c</sup>	Texas	1.82	0.06	26(13,32)	3.09
Louisiana	2.44	0.15	03(01,15)	38.13 <sup>c</sup>	Utah	0.62	0.11	51(49,51)	-64.83 <sup>c</sup>
Maine	2.22	0.23	06(01,33)	25.30 <sup>c</sup>	Vermont	1.70	0.31	30(02,50)	-3.92
Maryland	1.97	0.12	16(05,32)	11.24	Virginia	1.87	0.10	23(08,33)	5.62
Massachusetts	1.36	0.09	37(30,48)	-22.95 <sup>c</sup>	Washington	1.42	0.09	36(28,47)	-19.71 <sup>c</sup>
Michigan	1.99	0.09	14(06,29)	12.30	West Virginia	2.89	0.22	01(01,07)	63.38 <sup>c</sup>
Minnesota	1.30	0.10	41(31,49)	-26.55 <sup>c</sup>	Wisconsin	1.61	0.10	32(17,41)	-8.82
Mississippi	2.19	0.17	08(02,29)	23.48 <sup>c</sup>	Wyoming	1.27	0.29	43(07,51)	-28.18 <sup>c</sup>
Missouri	1.97	0.11	15(05,31)	11.27					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

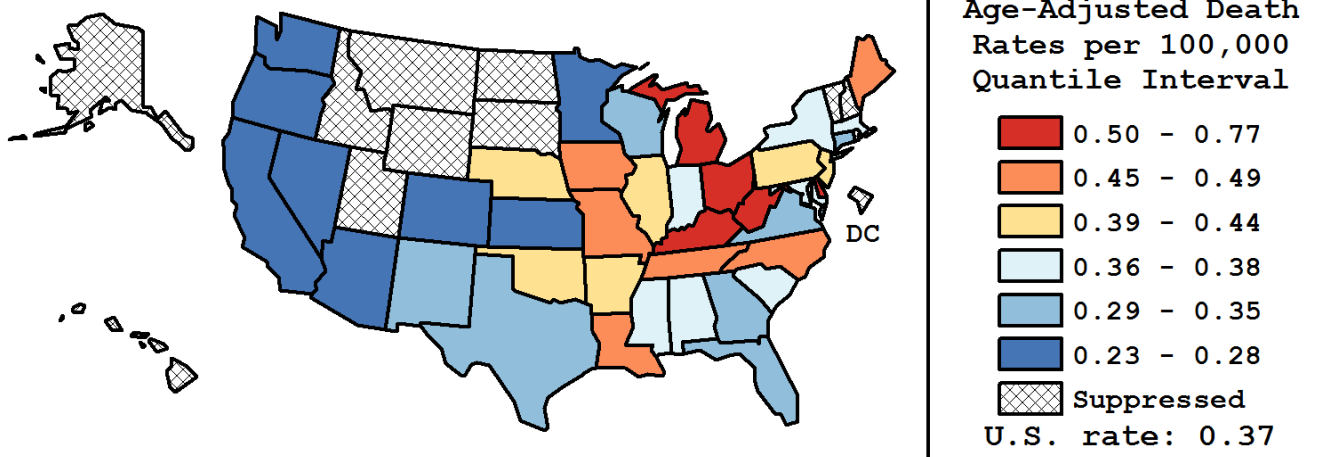
Table 12.20  
Cancer of the Larynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.37	0.01		
High Five States				
Kentucky	0.77	0.07	01(01,04)	108.57 <sup>c</sup>
West Virginia	0.74	0.10	02(01,10)	101.73 <sup>c</sup>
Ohio	0.56	0.04	03(02,12)	51.66 <sup>c</sup>
Michigan	0.53	0.04	04(02,15)	44.92 <sup>c</sup>
Delaware	0.50	0.12	05(01,39)	36.01 <sup>c</sup>
Low Five States				
Arizona	0.27	0.03	35(19,39)	-27.27 <sup>c</sup>
Oregon	0.26	0.05	36(15,39)	-28.57 <sup>c</sup>
Nevada	0.26	0.06	37(11,39)	-29.27 <sup>c</sup>
Colorado	0.24	0.04	38(20,39)	-33.45 <sup>c</sup>
California	0.23	0.01	39(32,39)	-37.58 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.36	0.05	24(07,38)	-3.00	Montana	-	-	-(-,-)	-
Alaska	-	-	-(-,-)	-	Nebraska	0.43	0.09	13(02,39)	16.95 <sup>c</sup>
Arizona	0.27	0.03	35(19,39)	-27.27 <sup>c</sup>	Nevada	0.26	0.06	37(11,39)	-29.27 <sup>c</sup>
Arkansas	0.44	0.07	12(03,35)	19.87 <sup>c</sup>	New Hampshire	-	-	-(-,-)	-
California	0.23	0.01	39(32,39)	-37.58 <sup>c</sup>	New Jersey	0.39	0.04	17(06,33)	6.21
Colorado	0.24	0.04	38(20,39)	-33.45 <sup>c</sup>	New Mexico	0.33	0.07	28(04,39)	-11.45
Connecticut	0.31	0.05	31(10,39)	-16.60 <sup>c</sup>	New York	0.36	0.02	23(11,32)	-1.34
Delaware	0.50	0.12	05(01,39)	36.01 <sup>c</sup>	North Carolina	0.49	0.04	07(02,20)	32.92 <sup>c</sup>
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.35	0.02	25(14,33)	-5.40	Ohio	0.56	0.04	03(02,12)	51.66 <sup>c</sup>
Georgia	0.32	0.03	30(13,38)	-12.95	Oklahoma	0.41	0.06	15(03,36)	12.79
Hawaii	-	-	-(-,-)	-	Oregon	0.26	0.05	36(15,39)	-28.57 <sup>c</sup>
Idaho	-	-	-(-,-)	-	Pennsylvania	0.40	0.03	16(06,28)	10.11
Illinois	0.43	0.03	14(05,27)	15.99 <sup>c</sup>	Rhode Island	-	-	-(-,-)	-
Indiana	0.37	0.04	20(06,36)	1.93	South Carolina	0.37	0.05	21(05,37)	1.66
Iowa	0.45	0.07	11(02,35)	22.98 <sup>c</sup>	South Dakota	-	-	-(-,-)	-
Kansas	0.28	0.06	32(10,39)	-23.75 <sup>c</sup>	Tennessee	0.49	0.05	06(02,23)	32.96 <sup>c</sup>
Kentucky	0.77	0.07	01(01,04)	108.57 <sup>c</sup>	Texas	0.32	0.02	29(17,36)	-12.22
Louisiana	0.47	0.06	08(02,30)	28.59 <sup>c</sup>	Utah	-	-	-(-,-)	-
Maine	0.47	0.10	09(01,38)	28.24 <sup>c</sup>	Vermont	-	-	-(-,-)	-
Maryland	0.38	0.04	18(06,36)	2.50	Virginia	0.33	0.04	27(11,37)	-9.25
Massachusetts	0.37	0.04	22(07,36)	0.47	Washington	0.28	0.04	33(17,39)	-24.80 <sup>c</sup>
Michigan	0.53	0.04	04(02,15)	44.92 <sup>c</sup>	West Virginia	0.74	0.10	02(01,10)	101.73 <sup>c</sup>
Minnesota	0.27	0.04	34(16,39)	-27.15 <sup>c</sup>	Wisconsin	0.34	0.04	26(08,38)	-7.10
Mississippi	0.38	0.06	19(03,39)	2.22	Wyoming	-	-	-(-,-)	-
Missouri	0.47	0.05	10(03,26)	27.08 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

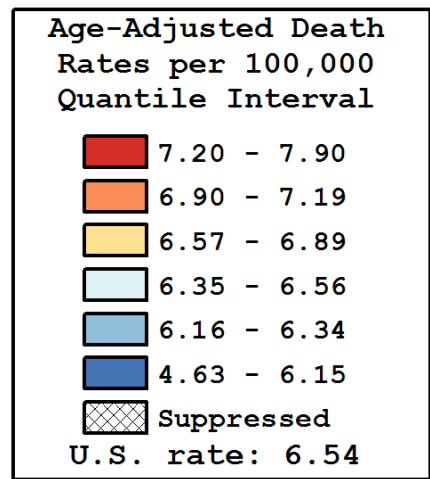
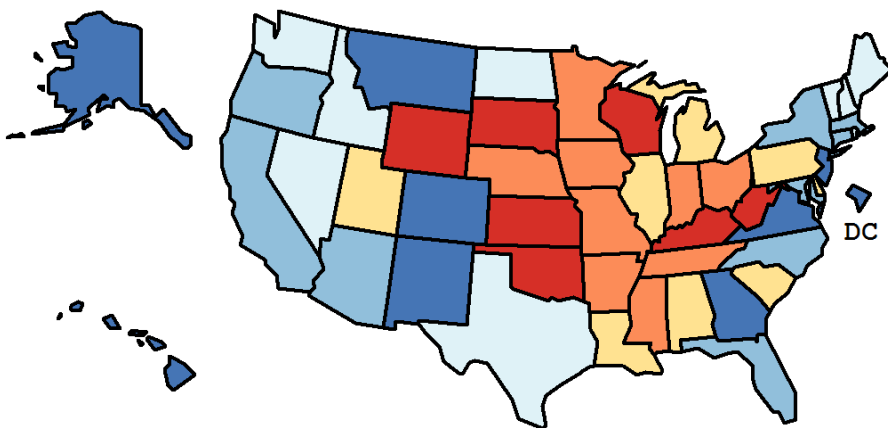
Table 13.26  
Leukemia

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	6.54	0.02		
High Five States				
Oklahoma	7.90	0.19	01(01,08)	20.83 <sup>c</sup>
West Virginia	7.49	0.25	02(01,23)	14.49
South Dakota	7.47	0.40	03(01,33)	14.15
Kentucky	7.42	0.18	04(01,16)	13.52
Kansas	7.42	0.22	05(01,22)	13.50
Low Five States				
Colorado	6.09	0.16	47(26,49)	-6.92
Alaska	5.96	0.50	48(04,51)	-8.85
New Mexico	5.60	0.22	49(36,50)	-14.30
D.C.	5.04	0.41	50(32,51)	-22.93 <sup>c</sup>
Hawaii	4.63	0.24	51(49,51)	-29.13 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	6.89	0.16	17(05,32)	5.33	Montana	6.13	0.32	45(09,50)	-6.34
Alaska	5.96	0.50	48(04,51)	-8.85	Nebraska	7.18	0.26	10(01,31)	9.83
Arizona	6.32	0.13	36(22,48)	-3.29	Nevada	6.44	0.21	28(11,48)	-1.57
Arkansas	7.19	0.21	09(01,27)	9.93	New Hampshire	6.38	0.29	31(07,49)	-2.38
California	6.17	0.06	42(32,48)	-5.72	New Jersey	6.15	0.11	43(28,49)	-5.92
Colorado	6.09	0.16	47(26,49)	-6.92	New Mexico	5.60	0.22	49(36,50)	-14.30
Connecticut	6.22	0.17	40(22,49)	-4.90	New York	6.21	0.07	41(29,48)	-4.99
Delaware	6.64	0.35	24(02,49)	1.52	North Carolina	6.34	0.11	34(23,47)	-3.10
D.C.	5.04	0.41	50(32,51)	-22.93 <sup>c</sup>	North Dakota	6.56	0.40	26(02,49)	0.29
Florida	6.30	0.07	38(26,45)	-3.70	Ohio	6.94	0.10	13(06,26)	6.08
Georgia	6.14	0.12	44(28,49)	-6.04	Oklahoma	7.90	0.19	01(01,08)	20.83 <sup>c</sup>
Hawaii	4.63	0.24	51(49,51)	-29.13 <sup>c</sup>	Oregon	6.32	0.17	37(19,48)	-3.31
Idaho	6.55	0.28	27(05,48)	0.12	Pennsylvania	6.80	0.09	21(10,29)	3.96
Illinois	6.84	0.10	19(09,28)	4.63	Rhode Island	6.56	0.33	25(03,49)	0.37
Indiana	7.19	0.14	08(02,22)	9.94	South Carolina	6.82	0.16	20(06,34)	4.35
Iowa	6.93	0.19	14(03,34)	6.04	South Dakota	7.47	0.40	03(01,33)	14.15
Kansas	7.42	0.22	05(01,22)	13.50	Tennessee	7.02	0.14	12(03,27)	7.29
Kentucky	7.42	0.18	04(01,16)	13.52	Texas	6.40	0.07	30(23,42)	-2.15
Louisiana	6.77	0.17	23(06,37)	3.56	Utah	6.79	0.24	22(03,46)	3.87
Maine	6.38	0.27	32(09,49)	-2.40	Vermont	6.36	0.41	33(03,50)	-2.77
Maryland	6.33	0.14	35(21,48)	-3.23	Virginia	6.11	0.12	46(28,49)	-6.61
Massachusetts	6.22	0.13	39(25,48)	-4.82	Washington	6.40	0.13	29(20,47)	-2.09
Michigan	6.85	0.11	18(08,29)	4.76	West Virginia	7.49	0.25	02(01,23)	14.49
Minnesota	6.91	0.15	16(04,30)	5.64	Wisconsin	7.27	0.15	06(02,19)	11.10
Mississippi	6.92	0.21	15(03,37)	5.80	Wyoming	7.21	0.49	07(01,48)	10.28
Missouri	7.11	0.14	11(03,24)	8.74					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

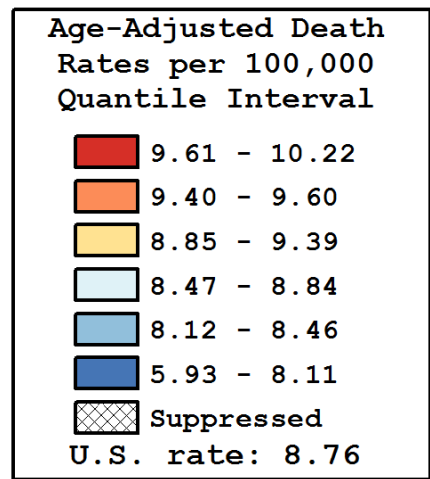
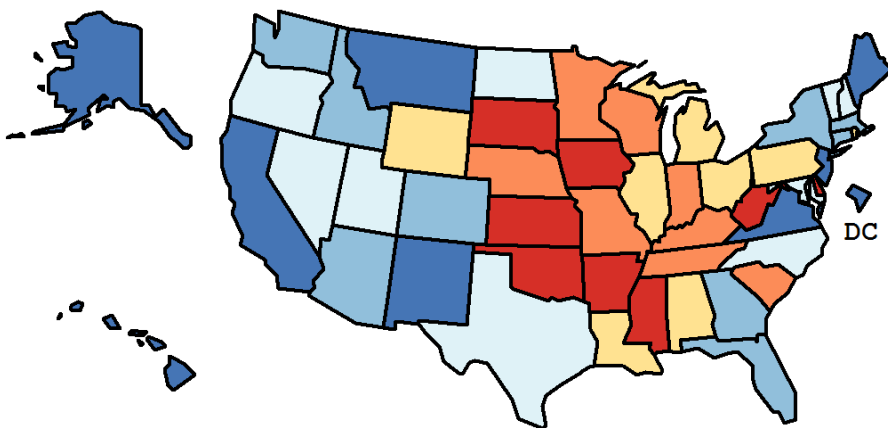
Table 13.27  
Leukemia

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	8.76	0.03		
High Five States				
Oklahoma	10.22	0.34	01(01,20)	16.69 <sup>c</sup>
Kansas	10.18	0.39	02(01,23)	16.25 <sup>c</sup>
Arkansas	9.91	0.37	03(01,27)	13.09
South Dakota	9.85	0.68	04(01,47)	12.49
Delaware	9.84	0.65	05(01,44)	12.36
Low Five States				
Montana	7.95	0.53	47(11,50)	-9.21
New Mexico	7.59	0.39	48(26,50)	-13.36
Alaska	7.11	0.81	49(08,51)	-18.87 <sup>c</sup>
D.C.	7.04	0.78	50(10,51)	-19.59 <sup>c</sup>
Hawaii	5.93	0.40	51(49,51)	-32.28 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	9.39	0.29	17(02,33)	7.25	Montana	7.95	0.53	47(11,50)	-9.21
Alaska	7.11	0.81	49(08,51)	-18.87 <sup>c</sup>	Nebraska	9.58	0.46	12(01,41)	9.35
Arizona	8.27	0.22	41(24,49)	-5.55	Nevada	8.58	0.37	33(08,49)	-2.10
Arkansas	9.91	0.37	03(01,27)	13.09	New Hampshire	8.84	0.51	25(01,49)	0.88
California	8.11	0.10	43(33,48)	-7.38	New Jersey	8.10	0.20	44(27,49)	-7.47
Colorado	8.34	0.28	39(20,49)	-4.84	New Mexico	7.59	0.39	48(26,50)	-13.36
Connecticut	8.37	0.31	37(15,49)	-4.41	New York	8.42	0.13	35(25,46)	-3.87
Delaware	9.84	0.65	05(01,44)	12.36	North Carolina	8.63	0.20	31(19,45)	-1.49
D.C.	7.04	0.78	50(10,51)	-19.59 <sup>c</sup>	North Dakota	8.73	0.70	27(01,50)	-0.30
Florida	8.39	0.12	36(26,45)	-4.22	Ohio	9.31	0.18	19(05,29)	6.27
Georgia	8.17	0.21	42(26,49)	-6.77	Oklahoma	10.22	0.34	01(01,20)	16.69 <sup>c</sup>
Hawaii	5.93	0.40	51(49,51)	-32.28 <sup>c</sup>	Oregon	8.66	0.29	29(11,47)	-1.12
Idaho	8.46	0.47	34(05,50)	-3.39	Pennsylvania	9.12	0.16	21(09,31)	4.16
Illinois	9.28	0.18	20(05,29)	5.94	Rhode Island	9.11	0.59	22(01,49)	4.00
Indiana	9.60	0.25	11(01,27)	9.59	South Carolina	9.51	0.29	13(01,31)	8.53
Iowa	9.61	0.35	08(01,31)	9.69	South Dakota	9.85	0.68	04(01,47)	12.49
Kansas	10.18	0.39	02(01,23)	16.25 <sup>c</sup>	Tennessee	9.60	0.25	10(01,27)	9.59
Kentucky	9.49	0.31	15(01,33)	8.32	Texas	8.70	0.13	28(21,39)	-0.69
Louisiana	9.06	0.30	23(04,42)	3.42	Utah	8.65	0.41	30(05,49)	-1.22
Maine	8.03	0.46	46(14,50)	-8.36	Vermont	8.74	0.74	26(01,50)	-0.26
Maryland	8.61	0.26	32(14,47)	-1.76	Virginia	8.09	0.21	45(26,50)	-7.70
Massachusetts	8.30	0.23	40(23,49)	-5.29	Washington	8.35	0.23	38(22,48)	-4.63
Michigan	9.37	0.20	18(04,28)	7.02	West Virginia	9.72	0.44	06(01,35)	10.95
Minnesota	9.48	0.27	16(02,29)	8.26	Wisconsin	9.60	0.26	09(01,27)	9.61
Mississippi	9.70	0.39	07(01,32)	10.77	Wyoming	8.85	0.81	24(01,50)	1.02
Missouri	9.51	0.25	14(02,28)	8.52					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



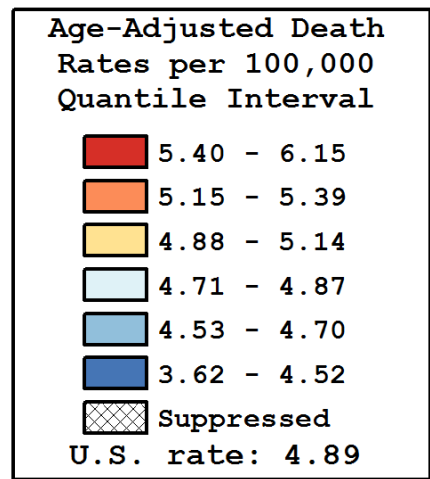
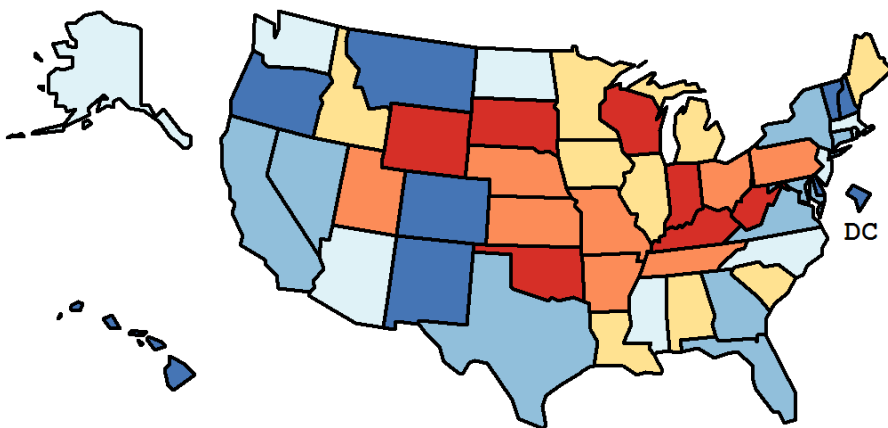
Table 13.28  
Leukemia

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.89	0.02		
High Five States				
Oklahoma	6.15	0.23	01(01,08)	25.84 <sup>c</sup>
Wyoming	5.96	0.60	02(01,47)	21.94 <sup>c</sup>
Kentucky	5.92	0.21	03(01,11)	21.26 <sup>c</sup>
West Virginia	5.76	0.30	04(01,26)	17.92 <sup>c</sup>
South Dakota	5.64	0.47	05(01,45)	15.51 <sup>c</sup>
Low Five States				
Colorado	4.41	0.18	47(22,50)	-9.72
Delaware	4.28	0.37	48(07,51)	-12.47
New Mexico	4.00	0.25	49(31,51)	-18.03 <sup>c</sup>
D.C.	3.81	0.46	50(12,51)	-22.03 <sup>c</sup>
Hawaii	3.62	0.29	51(41,51)	-25.98 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	5.12	0.19	18(04,40)	4.83	Montana	4.52	0.37	43(05,51)	-7.45
Alaska	4.85	0.62	27(01,51)	-0.73	Nebraska	5.31	0.30	10(01,44)	8.64
Arizona	4.73	0.15	31(13,47)	-3.08	Nevada	4.55	0.25	42(11,50)	-6.95
Arkansas	5.16	0.24	15(03,44)	5.54	New Hampshire	4.49	0.33	45(06,51)	-8.07
California	4.70	0.07	34(23,45)	-3.83	New Jersey	4.78	0.13	30(13,46)	-2.23
Colorado	4.41	0.18	47(22,50)	-9.72	New Mexico	4.00	0.25	49(31,51)	-18.03 <sup>c</sup>
Connecticut	4.65	0.20	40(12,49)	-4.87	New York	4.66	0.09	38(22,46)	-4.56
Delaware	4.28	0.37	48(07,51)	-12.47	North Carolina	4.71	0.12	32(17,47)	-3.50
D.C.	3.81	0.46	50(12,51)	-22.03 <sup>c</sup>	North Dakota	4.79	0.46	28(01,51)	-1.89
Florida	4.60	0.08	41(26,47)	-5.82	Ohio	5.20	0.12	12(05,29)	6.53
Georgia	4.67	0.13	37(17,47)	-4.33	Oklahoma	6.15	0.23	01(01,08)	25.84 <sup>c</sup>
Hawaii	3.62	0.29	51(41,51)	-25.98 <sup>c</sup>	Oregon	4.49	0.19	44(18,50)	-7.99
Idaho	4.97	0.33	22(02,49)	1.74	Pennsylvania	5.16	0.11	14(06,29)	5.56
Illinois	5.14	0.11	16(06,31)	5.26	Rhode Island	4.71	0.37	33(03,51)	-3.63
Indiana	5.40	0.17	07(02,26)	10.52	South Carolina	4.95	0.18	23(06,45)	1.33
Iowa	4.98	0.22	20(05,47)	2.00	South Dakota	5.64	0.47	05(01,45)	15.51 <sup>c</sup>
Kansas	5.39	0.25	08(01,37)	10.32	Tennessee	5.17	0.16	13(04,35)	5.90
Kentucky	5.92	0.21	03(01,11)	21.26 <sup>c</sup>	Texas	4.67	0.08	36(22,46)	-4.31
Louisiana	5.14	0.20	17(04,42)	5.20	Utah	5.26	0.29	11(01,46)	7.78
Maine	5.08	0.32	19(02,48)	4.03	Vermont	4.44	0.45	46(03,51)	-9.06
Maryland	4.70	0.16	35(14,48)	-3.89	Virginia	4.65	0.14	39(18,48)	-4.74
Massachusetts	4.78	0.15	29(12,47)	-2.20	Washington	4.87	0.16	25(09,46)	-0.22
Michigan	4.98	0.13	21(09,39)	1.92	West Virginia	5.76	0.30	04(01,26)	17.92 <sup>c</sup>
Minnesota	4.94	0.17	24(07,45)	1.21	Wisconsin	5.45	0.17	06(02,25)	11.62
Mississippi	4.85	0.23	26(05,48)	-0.67	Wyoming	5.96	0.60	02(01,47)	21.94 <sup>c</sup>
Missouri	5.35	0.17	09(03,27)	9.53					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

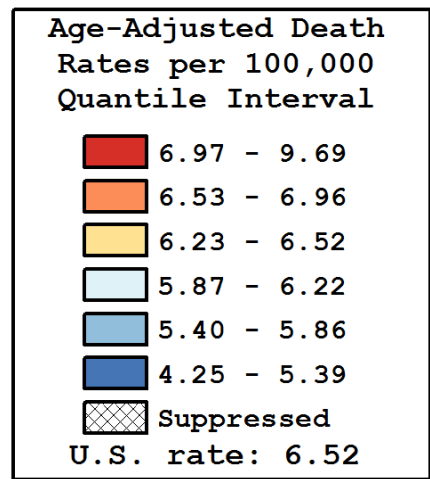
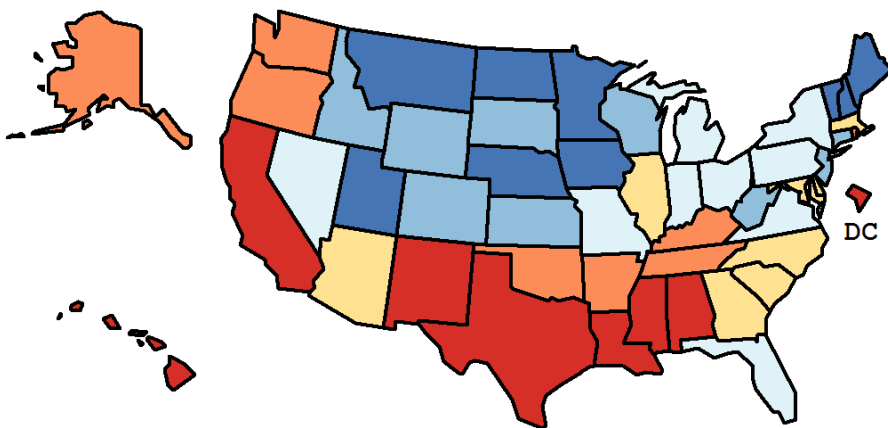
Table 14.18  
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	6.52	0.02		
High Five States				
D.C.	9.69	0.55	01(01,04)	48.63 <sup>c</sup>
Louisiana	8.52	0.18	02(01,05)	30.72 <sup>c</sup>
Hawaii	8.45	0.31	03(01,07)	29.69 <sup>c</sup>
Texas	8.06	0.08	04(02,06)	23.72 <sup>c</sup>
New Mexico	7.95	0.26	05(02,08)	21.92 <sup>c</sup>
Low Five States				
Maine	5.09	0.24	47(34,51)	-21.96 <sup>c</sup>
Utah	4.77	0.20	48(42,51)	-26.78 <sup>c</sup>
Nebraska	4.61	0.21	49(44,51)	-29.21 <sup>c</sup>
North Dakota	4.39	0.33	50(42,51)	-32.65 <sup>c</sup>
Vermont	4.25	0.32	51(44,51)	-34.75 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	7.16	0.16	08(07,15)	9.85	Montana	5.31	0.29	45(26,50)	-18.60 <sup>c</sup>
Alaska	6.53	0.47	16(05,45)	0.16	Nebraska	4.61	0.21	49(44,51)	-29.21 <sup>c</sup>
Arizona	6.38	0.13	21(12,31)	-2.18	Nevada	5.92	0.20	32(16,44)	-9.13
Arkansas	6.75	0.19	13(08,27)	3.56	New Hampshire	5.39	0.26	43(26,49)	-17.27 <sup>c</sup>
California	7.76	0.06	06(04,08)	19.00 <sup>c</sup>	New Jersey	5.77	0.10	36(27,43)	-11.51
Colorado	5.43	0.14	42(33,47)	-16.68 <sup>c</sup>	New Mexico	7.95	0.26	05(02,08)	21.92 <sup>c</sup>
Connecticut	5.66	0.16	38(27,46)	-13.23	New York	6.14	0.07	28(20,33)	-5.81
Delaware	6.49	0.33	19(08,41)	-0.43	North Carolina	6.52	0.11	17(10,26)	0.05
D.C.	9.69	0.55	01(01,04)	48.63 <sup>c</sup>	North Dakota	4.39	0.33	50(42,51)	-32.65 <sup>c</sup>
Florida	6.20	0.07	26(19,31)	-4.87	Ohio	5.88	0.09	33(26,40)	-9.80
Georgia	6.35	0.11	22(13,31)	-2.57	Oklahoma	6.63	0.17	15(08,28)	1.67
Hawaii	8.45	0.31	03(01,07)	29.69 <sup>c</sup>	Oregon	6.79	0.17	10(08,23)	4.12
Idaho	5.68	0.25	37(20,48)	-12.90	Pennsylvania	6.22	0.09	25(17,32)	-4.52
Illinois	6.32	0.09	23(15,30)	-3.04	Rhode Island	6.96	0.33	09(05,30)	6.82
Indiana	5.94	0.13	31(22,40)	-8.84	South Carolina	6.25	0.15	24(13,36)	-4.09
Iowa	5.22	0.17	46(37,49)	-19.93 <sup>c</sup>	South Dakota	5.53	0.34	41(16,50)	-15.13 <sup>c</sup>
Kansas	5.80	0.19	35(20,45)	-11.07	Tennessee	6.79	0.13	11(08,21)	4.11
Kentucky	6.66	0.16	14(08,26)	2.16	Texas	8.06	0.08	04(02,06)	23.72 <sup>c</sup>
Louisiana	8.52	0.18	02(01,05)	30.72 <sup>c</sup>	Utah	4.77	0.20	48(42,51)	-26.78 <sup>c</sup>
Maine	5.09	0.24	47(34,51)	-21.96 <sup>c</sup>	Vermont	4.25	0.32	51(44,51)	-34.75 <sup>c</sup>
Maryland	6.50	0.14	18(09,29)	-0.25	Virginia	5.95	0.11	29(22,40)	-8.65
Massachusetts	6.47	0.13	20(10,29)	-0.71	Washington	6.78	0.13	12(08,21)	4.03
Michigan	5.95	0.10	30(23,39)	-8.67	West Virginia	5.86	0.22	34(17,45)	-10.13
Minnesota	5.32	0.13	44(36,48)	-18.43 <sup>c</sup>	Wisconsin	5.55	0.13	40(32,46)	-14.89
Mississippi	7.70	0.21	07(03,09)	18.21 <sup>c</sup>	Wyoming	5.61	0.40	39(11,50)	-13.96
Missouri	6.17	0.13	27(15,36)	-5.33					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

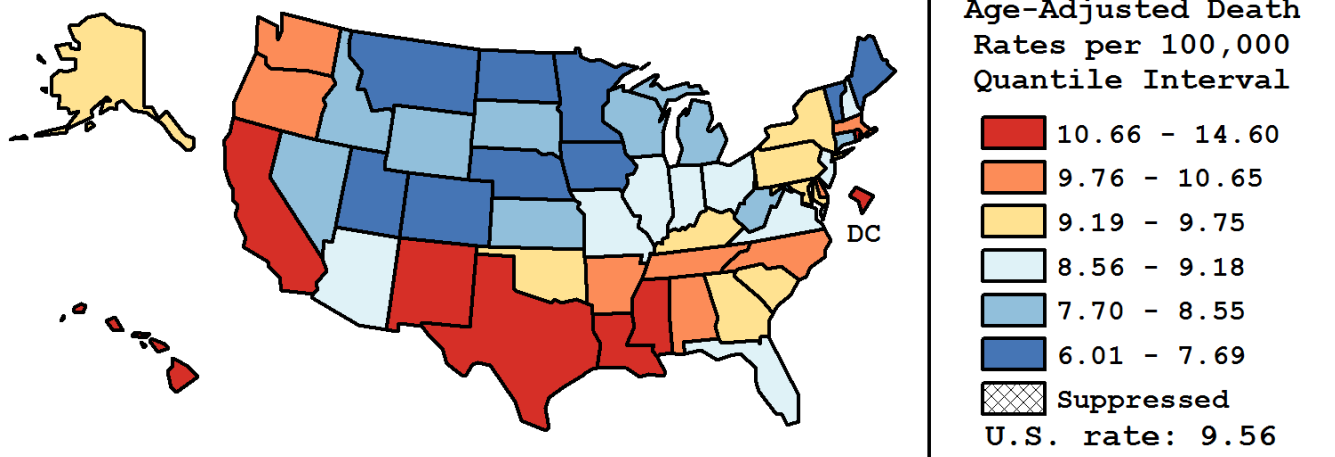
- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 14.19  
 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)  
 Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	9.56	0.03		
High Five States				
D.C.	14.60	1.02	01(01,05)	52.80 <sup>c</sup>
Louisiana	13.13	0.34	02(01,04)	37.40 <sup>c</sup>
Hawaii	12.17	0.56	03(01,09)	27.31 <sup>c</sup>
Texas	11.84	0.14	04(03,07)	23.89 <sup>c</sup>
New Mexico	11.74	0.45	05(02,10)	22.81 <sup>c</sup>
Low Five States				
Montana	7.22	0.49	47(30,51)	-24.44 <sup>c</sup>
Nebraska	6.68	0.37	48(41,51)	-30.13 <sup>c</sup>
Utah	6.39	0.34	49(45,51)	-33.17 <sup>c</sup>
Vermont	6.02	0.56	50(41,51)	-37.04 <sup>c</sup>
North Dakota	6.01	0.57	51(42,51)	-37.11 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	10.65	0.29	09(05,16)	11.42	Montana	7.22	0.49	47(30,51)	-24.44 <sup>c</sup>
Alaska	9.30	0.80	23(05,47)	-2.67	Nebraska	6.68	0.37	48(41,51)	-30.13 <sup>c</sup>
Arizona	9.08	0.22	27(15,35)	-4.96	Nevada	7.96	0.33	39(28,48)	-16.70 <sup>c</sup>
Arkansas	9.96	0.35	12(08,28)	4.22	New Hampshire	8.63	0.48	31(11,47)	-9.67
California	11.19	0.11	08(04,09)	17.07 <sup>c</sup>	New Jersey	8.59	0.19	32(24,40)	-10.17
Colorado	7.69	0.25	43(34,48)	-19.56 <sup>c</sup>	New Mexico	11.74	0.45	05(02,10)	22.81 <sup>c</sup>
Connecticut	8.55	0.29	34(20,43)	-10.48	New York	9.26	0.13	24(16,30)	-3.08
Delaware	9.91	0.61	13(05,39)	3.72	North Carolina	9.90	0.20	14(09,23)	3.55
D.C.	14.60	1.02	01(01,05)	52.80 <sup>c</sup>	North Dakota	6.01	0.57	51(42,51)	-37.11 <sup>c</sup>
Florida	9.18	0.12	25(18,31)	-3.96	Ohio	8.58	0.16	33(25,40)	-10.25
Georgia	9.46	0.21	21(11,30)	-1.02	Oklahoma	9.61	0.31	19(09,32)	0.51
Hawaii	12.17	0.56	03(01,09)	27.31 <sup>c</sup>	Oregon	9.80	0.29	15(09,28)	2.49
Idaho	7.89	0.43	42(24,49)	-17.43 <sup>c</sup>	Pennsylvania	9.32	0.16	22(15,30)	-2.47
Illinois	8.85	0.17	28(21,37)	-7.36	Rhode Island	11.33	0.63	06(02,20)	18.53 <sup>c</sup>
Indiana	8.68	0.23	30(21,41)	-9.17	South Carolina	9.66	0.27	18(09,30)	1.10
Iowa	7.61	0.29	45(33,49)	-20.33 <sup>c</sup>	South Dakota	7.92	0.59	40(17,50)	-17.18 <sup>c</sup>
Kansas	8.18	0.33	38(25,47)	-14.45	Tennessee	10.11	0.24	10(08,22)	5.76
Kentucky	9.55	0.29	20(09,32)	-0.05	Texas	11.84	0.14	04(03,07)	23.89 <sup>c</sup>
Louisiana	13.13	0.34	02(01,04)	37.40 <sup>c</sup>	Utah	6.39	0.34	49(45,51)	-33.17 <sup>c</sup>
Maine	7.38	0.42	46(31,50)	-22.81 <sup>c</sup>	Vermont	6.02	0.56	50(41,51)	-37.04 <sup>c</sup>
Maryland	9.75	0.26	17(09,27)	2.02	Virginia	8.80	0.21	29(20,39)	-7.91
Massachusetts	10.05	0.24	11(08,23)	5.18	Washington	9.77	0.23	16(09,27)	2.19
Michigan	8.37	0.17	36(28,42)	-12.45	West Virginia	8.38	0.38	35(18,46)	-12.28
Minnesota	7.65	0.23	44(36,48)	-19.98 <sup>c</sup>	Wisconsin	7.89	0.22	41(32,47)	-17.41 <sup>c</sup>
Mississippi	11.29	0.39	07(03,12)	18.11 <sup>c</sup>	Wyoming	8.31	0.71	37(10,50)	-13.08
Missouri	9.16	0.23	26(14,35)	-4.15					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).  
<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).  
<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.  
<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.  
 SE Standard error of the rate.  
 PD Percent difference between state rate and total U.S. rate.  
 - Statistic not shown. Rate based on less than 16 cases for the time interval.

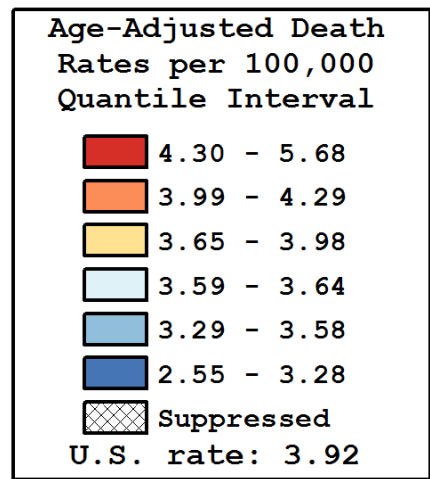
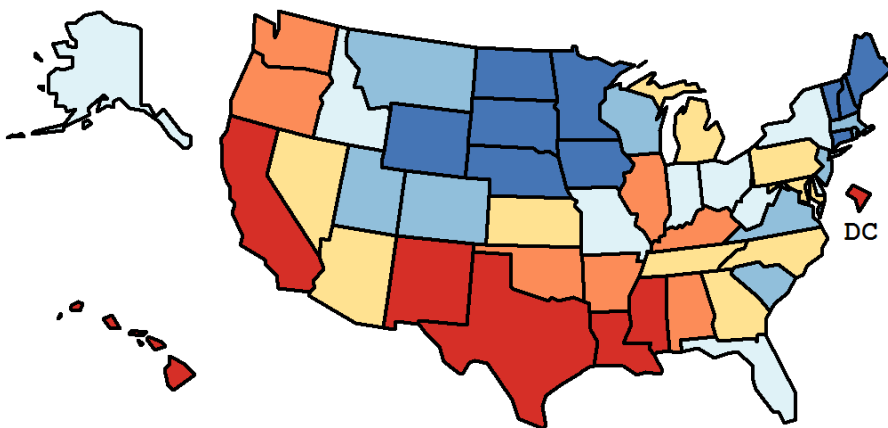
Table 14.20  
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.92	0.02		
High Five States				
D.C.	5.68	0.56	01(01,13)	44.88 <sup>c</sup>
Hawaii	5.14	0.33	02(01,11)	31.01 <sup>c</sup>
California	4.81	0.07	03(01,07)	22.62 <sup>c</sup>
Texas	4.78	0.08	04(01,08)	21.79 <sup>c</sup>
Mississippi	4.72	0.22	05(01,14)	20.27 <sup>c</sup>
Low Five States				
Wyoming	3.12	0.43	47(07,51)	-20.54 <sup>c</sup>
North Dakota	2.87	0.35	48(14,51)	-26.95 <sup>c</sup>
Nebraska	2.85	0.23	49(33,51)	-27.39 <sup>c</sup>
Vermont	2.63	0.35	50(21,51)	-32.99 <sup>c</sup>
New Hampshire	2.55	0.24	51(41,51)	-35.11 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.29	0.16	08(04,23)	9.33	Montana	3.42	0.32	39(08,50)	-12.71
Alaska	3.64	0.50	25(02,51)	-7.21	Nebraska	2.85	0.23	49(33,51)	-27.39 <sup>c</sup>
Arizona	3.98	0.14	16(07,33)	1.37	Nevada	3.98	0.22	15(05,42)	1.43
Arkansas	4.02	0.21	13(05,38)	2.37	New Hampshire	2.55	0.24	51(41,51)	-35.11 <sup>c</sup>
California	4.81	0.07	03(01,07)	22.62 <sup>c</sup>	New Jersey	3.51	0.11	36(19,45)	-10.56
Colorado	3.41	0.15	40(18,48)	-13.13	New Mexico	4.53	0.27	07(01,23)	-15.47 <sup>c</sup>
Connecticut	3.28	0.17	42(20,49)	-16.37 <sup>c</sup>	New York	3.61	0.07	31(18,41)	-7.95
Delaware	3.64	0.34	24(05,50)	-7.14	North Carolina	3.75	0.11	22(12,39)	-4.41
D.C.	5.68	0.56	01(01,13)	44.88 <sup>c</sup>	North Dakota	2.87	0.35	48(14,51)	-26.95 <sup>c</sup>
Florida	3.63	0.07	27(18,39)	-7.45	Ohio	3.60	0.10	32(16,43)	-8.11
Georgia	3.80	0.12	20(10,38)	-3.24	Oklahoma	4.00	0.18	14(06,37)	2.03
Hawaii	5.14	0.33	02(01,11)	31.01 <sup>c</sup>	Oregon	4.08	0.18	12(06,33)	4.13
Idaho	3.63	0.28	26(07,49)	-7.41	Pennsylvania	3.65	0.09	23(16,40)	-6.98
Illinois	4.20	0.10	09(06,19)	7.01	Rhode Island	3.49	0.31	37(07,50)	-10.91
Indiana	3.63	0.13	28(14,44)	-7.53	South Carolina	3.44	0.15	38(17,47)	-12.32
Iowa	3.13	0.18	46(26,51)	-20.25 <sup>c</sup>	South Dakota	3.28	0.36	43(07,51)	-16.39 <sup>c</sup>
Kansas	3.76	0.21	21(07,45)	-4.24	Tennessee	3.93	0.14	17(08,35)	0.21
Kentucky	4.18	0.17	10(05,27)	6.63	Texas	4.78	0.08	04(01,08)	21.79 <sup>c</sup>
Louisiana	4.63	0.18	06(01,14)	17.94 <sup>c</sup>	Utah	3.29	0.23	41(15,50)	-16.26 <sup>c</sup>
Maine	3.13	0.26	45(16,51)	-20.19 <sup>c</sup>	Vermont	2.63	0.35	50(21,51)	-32.99 <sup>c</sup>
Maryland	3.82	0.14	19(09,39)	-2.66	Virginia	3.56	0.12	34(16,45)	-9.22
Massachusetts	3.58	0.13	33(15,45)	-8.71	Washington	4.11	0.14	11(06,27)	4.65
Michigan	3.86	0.11	18(09,36)	-1.52	West Virginia	3.62	0.24	29(08,48)	-7.74
Minnesota	3.26	0.14	44(25,49)	-16.98 <sup>c</sup>	Wisconsin	3.52	0.14	35(16,46)	-10.20
Mississippi	4.72	0.22	05(01,14)	20.27 <sup>c</sup>	Wyoming	3.12	0.43	47(07,51)	-20.54 <sup>c</sup>
Missouri	3.61	0.14	30(14,44)	-7.90					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

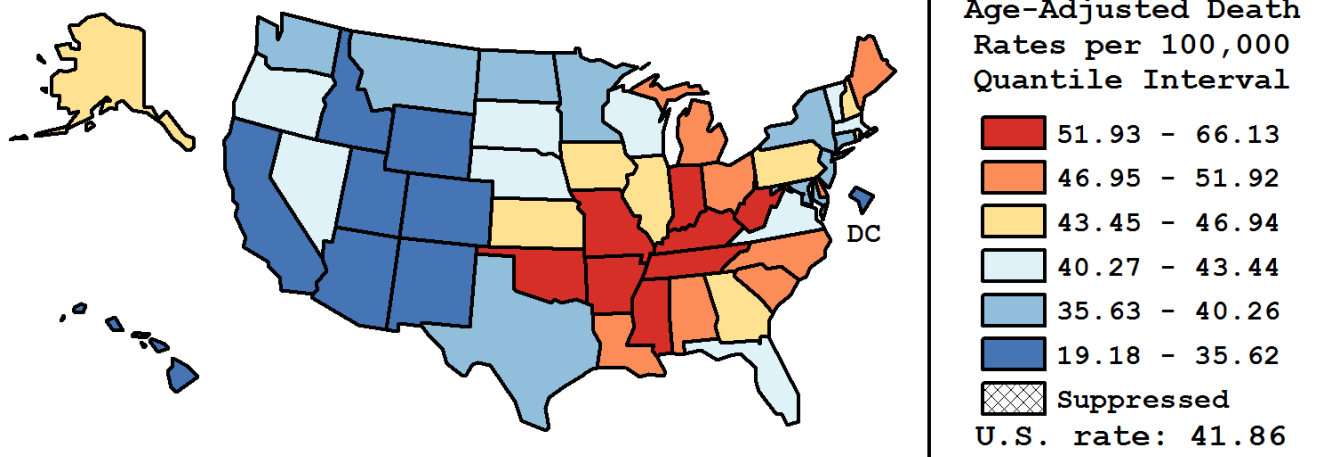
Table 15.24  
Cancer of the Lung and Bronchus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	41.86	0.05		
High Five States				
Kentucky	66.13	0.51	01(01,01)	57.98 <sup>c</sup>
Arkansas	57.47	0.57	02(02,05)	37.31 <sup>c</sup>
West Virginia	56.99	0.68	03(02,05)	36.16 <sup>c</sup>
Mississippi	56.46	0.58	04(02,05)	34.89 <sup>c</sup>
Tennessee	55.86	0.38	05(03,05)	33.44 <sup>c</sup>
Low Five States				
California	30.80	0.13	47(47,49)	-26.42 <sup>c</sup>
Hawaii	30.62	0.60	48(46,50)	-26.85 <sup>c</sup>
New Mexico	29.96	0.50	49(47,50)	-28.42 <sup>c</sup>
Colorado	29.31	0.34	50(48,50)	-29.99 <sup>c</sup>
Utah	19.18	0.41	51(51,51)	-54.18 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	51.92	0.43	09(07,11)	24.05 <sup>c</sup>	Montana	38.73	0.78	36(30,41)	-7.47 <sup>c</sup>
Alaska	43.59	1.33	24(14,34)	4.14	Nebraska	41.25	0.63	30(25,35)	-1.46
Arizona	34.31	0.29	45(43,46)	-18.03 <sup>c</sup>	Nevada	43.39	0.54	26(19,28)	3.66
Arkansas	57.47	0.57	02(02,05)	37.31 <sup>c</sup>	New Hampshire	44.21	0.74	22(17,27)	5.63 <sup>c</sup>
California	30.80	0.13	47(47,49)	-26.42 <sup>c</sup>	New Jersey	36.60	0.27	41(39,43)	-12.56 <sup>c</sup>
Colorado	29.31	0.34	50(48,50)	-29.99 <sup>c</sup>	New Mexico	29.96	0.50	49(47,50)	-28.42 <sup>c</sup>
Connecticut	35.79	0.41	42(40,45)	-14.50 <sup>c</sup>	New York	37.11	0.18	40(38,42)	-11.35 <sup>c</sup>
Delaware	47.20	0.91	14(13,20)	12.76 <sup>c</sup>	North Carolina	47.66	0.29	13(13,17)	13.85 <sup>c</sup>
D.C.	35.62	1.08	43(36,46)	-14.89 <sup>c</sup>	North Dakota	38.25	0.97	37(31,43)	-8.63 <sup>c</sup>
Florida	40.76	0.17	31(28,34)	-2.61	Ohio	50.37	0.27	12(10,12)	20.33 <sup>c</sup>
Georgia	44.58	0.30	20(17,25)	6.51 <sup>c</sup>	Oklahoma	53.84	0.50	06(06,08)	28.62 <sup>c</sup>
Hawaii	30.62	0.60	48(46,50)	-26.85 <sup>c</sup>	Oregon	40.68	0.42	32(27,35)	-2.80
Idaho	34.90	0.63	44(41,46)	-16.63 <sup>c</sup>	Pennsylvania	43.92	0.23	23(19,26)	4.94
Illinois	44.72	0.25	18(17,24)	6.85 <sup>c</sup>	Rhode Island	46.94	0.86	17(13,20)	12.13 <sup>c</sup>
Indiana	52.37	0.38	08(06,10)	25.10 <sup>c</sup>	South Carolina	46.97	0.41	16(13,18)	12.21 <sup>c</sup>
Iowa	44.61	0.49	19(17,26)	6.58 <sup>c</sup>	South Dakota	41.79	0.92	28(22,35)	-0.16
Kansas	44.33	0.52	21(17,26)	5.90 <sup>c</sup>	Tennessee	55.86	0.38	05(03,05)	33.44 <sup>c</sup>
Kentucky	66.13	0.51	01(01,01)	57.98 <sup>c</sup>	Texas	37.36	0.18	39(37,41)	-10.73 <sup>c</sup>
Louisiana	51.47	0.45	10(07,12)	22.97 <sup>c</sup>	Utah	19.18	0.41	51(51,51)	-54.18 <sup>c</sup>
Maine	50.55	0.74	11(07,12)	20.76 <sup>c</sup>	Vermont	43.44	1.05	25(17,32)	3.78
Maryland	40.26	0.36	34(29,36)	-3.81	Virginia	42.23	0.31	27(25,30)	0.88
Massachusetts	40.48	0.32	33(28,35)	-3.29	Washington	39.03	0.32	35(34,38)	-6.77 <sup>c</sup>
Michigan	46.98	0.28	15(13,17)	12.25 <sup>c</sup>	West Virginia	56.99	0.68	03(02,05)	36.16 <sup>c</sup>
Minnesota	37.95	0.35	38(35,40)	-9.33 <sup>c</sup>	Wisconsin	41.34	0.35	29(26,34)	-1.23
Mississippi	56.46	0.58	04(02,05)	34.89 <sup>c</sup>	Wyoming	33.61	1.04	46(41,47)	-19.71 <sup>c</sup>
Missouri	52.64	0.38	07(06,10)	25.76 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

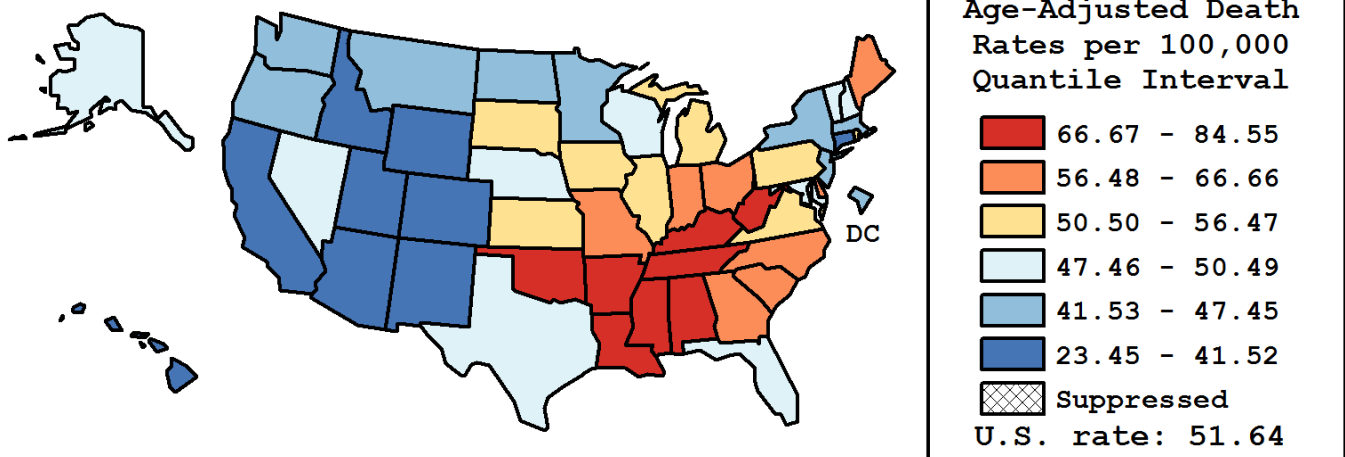
Table 15.25  
Cancer of the Lung and Bronchus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	51.64	0.08		
High Five States				
Kentucky	84.55	0.88	01(01,01)	63.73 <sup>c</sup>
Mississippi	78.59	1.06	02(02,03)	52.19 <sup>c</sup>
Arkansas	75.70	0.98	03(02,05)	46.58 <sup>c</sup>
Tennessee	73.31	0.67	04(03,06)	41.95 <sup>c</sup>
West Virginia	72.53	1.15	05(03,06)	40.45 <sup>c</sup>
Low Five States				
Wyoming	37.21	1.62	47(42,50)	-27.95 <sup>c</sup>
California	36.47	0.21	48(47,49)	-29.39 <sup>c</sup>
New Mexico	35.22	0.81	49(47,50)	-31.80 <sup>c</sup>
Colorado	32.52	0.54	50(49,50)	-37.03 <sup>c</sup>
Utah	23.45	0.67	51(51,51)	-54.60 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	70.90	0.76	06(04,06)	37.28 <sup>c</sup>	Montana	41.87	1.20	42(38,47)	-18.92 <sup>c</sup>
Alaska	50.31	2.13	26(17,38)	-2.58	Nebraska	50.49	1.04	25(22,34)	-2.24
Arizona	40.06	0.47	45(42,47)	-22.42 <sup>c</sup>	Nevada	47.57	0.84	33(27,37)	-7.89 <sup>c</sup>
Arkansas	75.70	0.98	03(02,05)	46.58 <sup>c</sup>	New Hampshire	50.22	1.18	27(22,35)	-2.76
California	36.47	0.21	48(47,49)	-29.39 <sup>c</sup>	New Jersey	43.37	0.45	40(38,43)	-16.02 <sup>c</sup>
Colorado	32.52	0.54	50(49,50)	-37.03 <sup>c</sup>	New Mexico	35.22	0.81	49(47,50)	-31.80 <sup>c</sup>
Connecticut	41.52	0.67	43(40,46)	-19.61 <sup>c</sup>	New York	45.11	0.31	38(35,40)	-12.65 <sup>c</sup>
Delaware	57.00	1.51	16(14,23)	10.38 <sup>c</sup>	North Carolina	62.53	0.51	12(11,14)	21.09 <sup>c</sup>
D.C.	43.11	1.84	41(31,47)	-16.52 <sup>c</sup>	North Dakota	47.37	1.61	35(25,41)	-8.26 <sup>c</sup>
Florida	49.79	0.28	30(25,31)	-3.59	Ohio	62.72	0.46	11(11,14)	21.46 <sup>c</sup>
Georgia	59.80	0.55	15(14,16)	15.79 <sup>c</sup>	Oklahoma	67.20	0.84	08(07,10)	30.12 <sup>c</sup>
Hawaii	39.13	1.01	46(42,48)	-24.23 <sup>c</sup>	Oregon	46.49	0.67	36(30,39)	-9.97 <sup>c</sup>
Idaho	40.36	1.01	44(41,47)	-21.84 <sup>c</sup>	Pennsylvania	55.23	0.39	20(17,22)	6.96 <sup>c</sup>
Illinois	54.81	0.43	21(18,23)	6.13 <sup>c</sup>	Rhode Island	56.38	1.44	18(15,24)	9.17 <sup>c</sup>
Indiana	66.66	0.65	09(07,10)	29.09 <sup>c</sup>	South Carolina	61.92	0.71	13(11,15)	19.90 <sup>c</sup>
Iowa	55.93	0.82	19(16,22)	8.30 <sup>c</sup>	South Dakota	52.40	1.53	24(17,32)	1.48
Kansas	53.41	0.86	22(18,26)	3.42	Tennessee	73.31	0.67	04(03,06)	41.95 <sup>c</sup>
Kentucky	84.55	0.88	01(01,01)	63.73 <sup>c</sup>	Texas	47.62	0.30	32(30,36)	-7.79 <sup>c</sup>
Louisiana	67.44	0.80	07(07,10)	30.60 <sup>c</sup>	Utah	23.45	0.67	51(51,51)	-54.60 <sup>c</sup>
Maine	61.72	1.23	14(10,16)	19.51 <sup>c</sup>	Vermont	50.01	1.68	28(20,37)	-3.15
Maryland	48.50	0.60	31(26,36)	-6.09 <sup>c</sup>	Virginia	52.96	0.53	23(21,26)	2.55
Massachusetts	47.45	0.53	34(29,37)	-8.12 <sup>c</sup>	Washington	45.16	0.52	37(35,40)	-12.56 <sup>c</sup>
Michigan	56.47	0.47	17(16,20)	9.35 <sup>c</sup>	West Virginia	72.53	1.15	05(03,06)	40.45 <sup>c</sup>
Minnesota	44.12	0.57	39(36,42)	-14.56 <sup>c</sup>	Wisconsin	49.91	0.58	29(24,32)	-3.35
Mississippi	78.59	1.06	02(02,03)	52.19 <sup>c</sup>	Wyoming	37.21	1.62	47(42,50)	-27.95 <sup>c</sup>
Missouri	65.04	0.64	10(08,11)	25.95 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



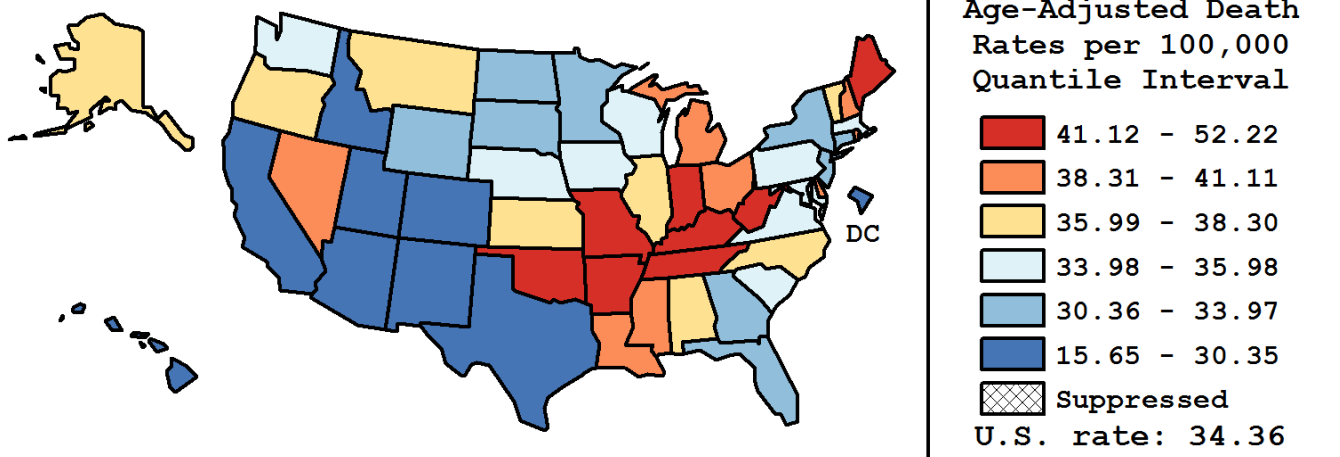
Table 15.26  
Cancer of the Lung And Bronchus (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	34.36	0.06		
High Five States				
Kentucky	52.22	0.61	01(01,01)	51.96 <sup>c</sup>
West Virginia	45.05	0.83	02(02,06)	31.11 <sup>c</sup>
Oklahoma	43.39	0.61	03(02,08)	26.27 <sup>c</sup>
Missouri	43.18	0.47	04(02,08)	25.66 <sup>c</sup>
Arkansas	43.03	0.67	05(02,10)	25.23 <sup>c</sup>
Low Five States				
Colorado	26.86	0.44	47(46,49)	-21.84 <sup>c</sup>
California	26.49	0.16	48(47,49)	-22.93 <sup>c</sup>
New Mexico	25.79	0.63	49(47,50)	-24.94 <sup>c</sup>
Hawaii	23.79	0.72	50(49,50)	-30.78 <sup>c</sup>
Utah	15.65	0.50	51(51,51)	-54.47 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	37.72	0.49	19(15,24)	9.76	Montana	36.42	1.04	23(14,36)	5.99
Alaska	37.79	1.69	18(05,37)	9.99	Nebraska	34.31	0.78	30(22,39)	-0.15
Arizona	29.52	0.37	45(41,46)	-14.09 <sup>c</sup>	Nevada	39.84	0.72	14(07,19)	15.92 <sup>c</sup>
Arkansas	43.03	0.67	05(02,10)	25.23 <sup>c</sup>	New Hampshire	39.87	0.96	12(05,21)	16.01 <sup>c</sup>
California	26.49	0.16	48(47,49)	-22.93 <sup>c</sup>	New Jersey	31.81	0.33	38(37,43)	-7.42
Colorado	26.86	0.44	47(46,49)	-21.84 <sup>c</sup>	New Mexico	25.79	0.63	49(47,50)	-24.94 <sup>c</sup>
Connecticut	31.62	0.51	39(36,44)	-8.00	New York	31.37	0.22	40(38,44)	-8.71
Delaware	39.86	1.12	13(04,22)	16.01 <sup>c</sup>	North Carolina	36.55	0.34	22(18,27)	6.37
D.C.	30.05	1.31	44(32,48)	-12.55 <sup>c</sup>	North Dakota	31.29	1.21	41(29,46)	-8.94
Florida	33.35	0.21	36(32,38)	-2.95	Ohio	41.11	0.33	09(06,13)	19.63 <sup>c</sup>
Georgia	33.32	0.35	37(30,39)	-3.02	Oklahoma	43.39	0.61	03(02,08)	26.27 <sup>c</sup>
Hawaii	23.79	0.72	50(49,50)	-30.78 <sup>c</sup>	Oregon	36.22	0.53	24(18,31)	5.41
Idaho	30.35	0.81	43(37,46)	-11.66 <sup>c</sup>	Pennsylvania	35.60	0.28	26(22,31)	3.60
Illinois	37.34	0.31	20(17,24)	8.66	Rhode Island	40.45	1.07	10(03,20)	17.72 <sup>c</sup>
Indiana	41.54	0.45	08(05,13)	20.89 <sup>c</sup>	South Carolina	35.54	0.47	28(21,33)	3.41
Iowa	35.98	0.60	25(18,32)	4.71	South Dakota	33.97	1.14	34(20,43)	-1.15
Kansas	37.31	0.65	21(15,28)	8.58	Tennessee	42.66	0.45	06(03,09)	24.16 <sup>c</sup>
Kentucky	52.22	0.61	01(01,01)	51.96 <sup>c</sup>	Texas	29.46	0.21	46(42,46)	-14.28 <sup>c</sup>
Louisiana	39.16	0.53	16(10,20)	13.97 <sup>c</sup>	Utah	15.65	0.50	51(51,51)	-54.47 <sup>c</sup>
Maine	41.85	0.92	07(02,15)	21.80 <sup>c</sup>	Vermont	38.30	1.34	17(07,31)	11.47 <sup>c</sup>
Maryland	34.24	0.44	32(26,37)	-0.35	Virginia	34.00	0.37	33(28,37)	-1.05
Massachusetts	35.57	0.40	27(21,32)	3.52	Washington	34.27	0.41	31(27,37)	-0.28
Michigan	39.77	0.35	15(09,18)	15.73 <sup>c</sup>	West Virginia	45.05	0.83	02(02,06)	31.11 <sup>c</sup>
Minnesota	33.38	0.45	35(29,39)	-2.87	Wisconsin	34.94	0.44	29(23,35)	1.67
Mississippi	39.99	0.66	11(07,18)	16.37 <sup>c</sup>	Wyoming	31.04	1.39	42(28,46)	-9.68
Missouri	43.18	0.47	04(02,08)	25.66 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 5% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

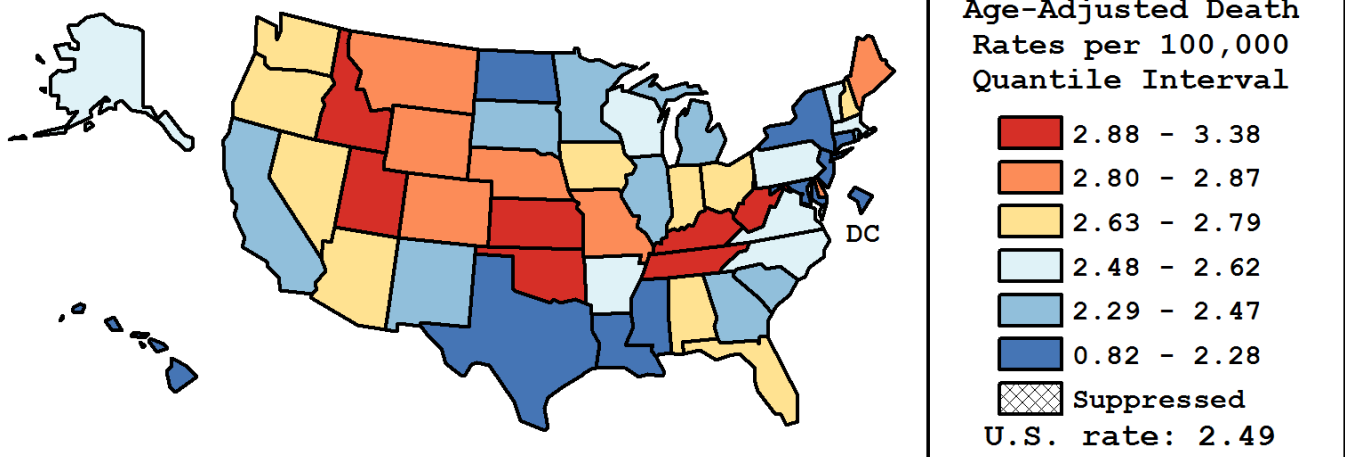
Table 16.18  
Melanoma of the Skin (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.49	0.01		
High Five States				
Idaho	3.38	0.20	01(01,16)	35.94 <sup>c</sup>
Utah	3.28	0.17	02(01,17)	31.92 <sup>c</sup>
West Virginia	3.18	0.17	03(01,24)	27.68 <sup>c</sup>
Kentucky	3.08	0.11	04(01,18)	23.77 <sup>c</sup>
Kansas	3.00	0.14	05(01,28)	20.49 <sup>c</sup>
Low Five States				
Texas	2.08	0.04	47(42,49)	-16.51 <sup>c</sup>
Louisiana	2.03	0.09	48(40,50)	-18.47 <sup>c</sup>
New York	1.99	0.04	49(44,50)	-20.17 <sup>c</sup>
Hawaii	1.62	0.14	50(47,50)	-34.89 <sup>c</sup>
D.C.	0.82	0.17	51(51,51)	-66.97 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.63	0.10	24(08,39)	5.73	Montana	2.81	0.22	13(01,45)	12.72
Alaska	2.60	0.33	28(01,50)	4.30	Nebraska	2.83	0.17	11(01,38)	13.71
Arizona	2.79	0.09	17(05,30)	12.01	Nevada	2.70	0.14	22(04,40)	8.48
Arkansas	2.49	0.12	32(10,45)	0.12	New Hampshire	2.67	0.19	23(02,45)	7.41
California	2.29	0.03	41(34,46)	-8.12	New Jersey	2.28	0.07	42(31,47)	-8.31
Colorado	2.87	0.11	09(03,29)	15.31 <sup>c</sup>	New Mexico	2.47	0.15	33(09,47)	-0.93
Connecticut	2.17	0.10	45(32,49)	-12.86	New York	1.99	0.04	49(44,50)	-20.17 <sup>c</sup>
Delaware	2.84	0.23	10(01,45)	13.87	North Carolina	2.58	0.07	29(14,37)	3.77
D.C.	0.82	0.17	51(51,51)	-66.97 <sup>c</sup>	North Dakota	2.15	0.23	46(11,50)	-13.81
Florida	2.71	0.05	21(11,29)	8.92	Ohio	2.79	0.06	16(06,28)	12.07
Georgia	2.44	0.07	34(21,44)	-1.95	Oklahoma	2.93	0.12	07(02,27)	17.77 <sup>c</sup>
Hawaii	1.62	0.14	50(47,50)	-34.89 <sup>c</sup>	Oregon	2.77	0.11	18(03,34)	11.33
Idaho	3.38	0.20	01(01,16)	35.94 <sup>c</sup>	Pennsylvania	2.60	0.06	27(15,36)	4.32
Illinois	2.37	0.06	38(28,45)	-4.71	Rhode Island	2.40	0.19	36(06,49)	-3.63
Indiana	2.75	0.09	20(06,32)	10.44	South Carolina	2.39	0.09	37(21,46)	-3.86
Iowa	2.75	0.12	19(03,37)	10.55	South Dakota	2.30	0.22	40(07,50)	-7.51
Kansas	3.00	0.14	05(01,28)	20.49 <sup>c</sup>	Tennessee	2.99	0.09	06(01,21)	19.93 <sup>c</sup>
Kentucky	3.08	0.11	04(01,18)	23.77 <sup>c</sup>	Texas	2.08	0.04	47(42,49)	-16.51 <sup>c</sup>
Louisiana	2.03	0.09	48(40,50)	-18.47 <sup>c</sup>	Utah	3.28	0.17	02(01,17)	31.92 <sup>c</sup>
Maine	2.80	0.18	14(01,42)	12.45	Vermont	2.62	0.26	26(01,49)	5.18
Maryland	2.23	0.08	44(31,49)	-10.37	Virginia	2.56	0.08	30(14,40)	2.79
Massachusetts	2.62	0.08	25(10,37)	5.26	Washington	2.79	0.09	15(04,30)	12.09
Michigan	2.33	0.06	39(28,46)	-6.40	West Virginia	3.18	0.17	03(01,24)	27.68 <sup>c</sup>
Minnesota	2.42	0.09	35(21,45)	-2.74	Wisconsin	2.55	0.09	31(13,41)	2.24
Mississippi	2.28	0.12	43(22,49)	-8.38	Wyoming	2.81	0.30	12(01,49)	12.75
Missouri	2.87	0.09	08(03,27)	15.44 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

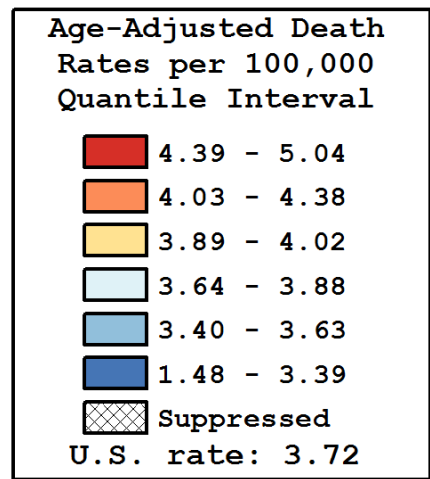
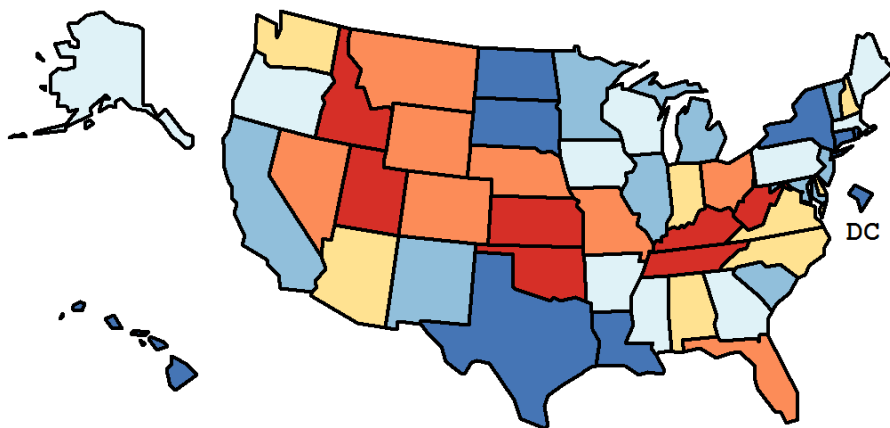
Table 16.19  
Melanoma of the Skin (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.72	0.02		
High Five States				
Utah	5.04	0.31	01(01,13)	35.67 <sup>c</sup>
Tennessee	4.78	0.18	02(01,11)	28.45 <sup>c</sup>
West Virginia	4.70	0.31	03(01,30)	26.49 <sup>c</sup>
Kentucky	4.66	0.21	04(01,17)	25.26 <sup>c</sup>
Idaho	4.62	0.34	05(01,34)	24.33 <sup>c</sup>
Low Five States				
Texas	3.17	0.08	47(39,49)	-14.68
Louisiana	3.06	0.18	48(33,50)	-17.65 <sup>c</sup>
New York	2.95	0.08	49(43,50)	-20.62 <sup>c</sup>
Hawaii	2.51	0.25	50(41,51)	-32.44 <sup>c</sup>
D.C.	1.48	0.35	51(50,51)	-60.08 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.01	0.19	17(04,39)	7.83	Montana	4.14	0.38	10(01,47)	11.46
Alaska	3.79	0.62	30(01,50)	1.97	Nebraska	4.14	0.30	11(01,43)	11.32
Arizona	3.99	0.15	18(06,36)	7.30	Nevada	4.06	0.24	14(03,42)	9.19
Arkansas	3.80	0.22	29(06,46)	2.20	New Hampshire	3.99	0.35	19(01,48)	7.27
California	3.49	0.06	38(30,44)	-6.22	New Jersey	3.44	0.13	41(25,47)	-7.60
Colorado	4.05	0.19	15(04,38)	8.88	New Mexico	3.63	0.26	34(07,49)	-2.47
Connecticut	3.20	0.19	46(27,50)	-13.96	New York	2.95	0.08	49(43,50)	-20.62 <sup>c</sup>
Delaware	3.94	0.40	21(01,49)	5.87	North Carolina	3.91	0.13	22(08,37)	5.17
D.C.	1.48	0.35	51(50,51)	-60.08 <sup>c</sup>	North Dakota	3.39	0.43	43(03,50)	-8.89
Florida	4.09	0.08	13(07,27)	10.03	Ohio	4.09	0.12	12(06,31)	10.05
Georgia	3.82	0.14	26(09,41)	2.82	Oklahoma	4.43	0.22	06(01,28)	19.25 <sup>c</sup>
Hawaii	2.51	0.25	50(41,51)	-32.44 <sup>c</sup>	Oregon	3.88	0.19	25(06,44)	4.23
Idaho	4.62	0.34	05(01,34)	24.33 <sup>c</sup>	Pennsylvania	3.74	0.10	32(15,41)	0.69
Illinois	3.50	0.11	37(24,46)	-6.00	Rhode Island	3.22	0.35	45(09,50)	-13.29
Indiana	3.96	0.16	20(07,38)	6.50	South Carolina	3.48	0.18	39(16,48)	-6.37
Iowa	3.81	0.22	27(06,45)	2.58	South Dakota	3.30	0.39	44(05,50)	-11.31
Kansas	4.39	0.25	07(01,32)	18.07 <sup>c</sup>	Tennessee	4.78	0.18	02(01,11)	28.45 <sup>c</sup>
Kentucky	4.66	0.21	04(01,17)	25.26 <sup>c</sup>	Texas	3.17	0.08	47(39,49)	-14.68
Louisiana	3.06	0.18	48(33,50)	-17.65 <sup>c</sup>	Utah	5.04	0.31	01(01,13)	35.67 <sup>c</sup>
Maine	3.88	0.31	24(02,48)	4.24	Vermont	3.56	0.45	35(01,50)	-4.26
Maryland	3.55	0.16	36(15,47)	-4.58	Virginia	3.89	0.14	23(07,39)	4.69
Massachusetts	3.81	0.15	28(10,42)	2.35	Washington	4.02	0.16	16(05,35)	8.06
Michigan	3.43	0.12	42(26,47)	-7.83	West Virginia	4.70	0.31	03(01,30)	26.49 <sup>c</sup>
Minnesota	3.45	0.16	40(21,48)	-7.20	Wisconsin	3.78	0.16	31(09,43)	1.75
Mississippi	3.65	0.24	33(08,48)	-1.77	Wyoming	4.24	0.55	09(01,49)	14.13
Missouri	4.38	0.17	08(02,24)	17.85 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

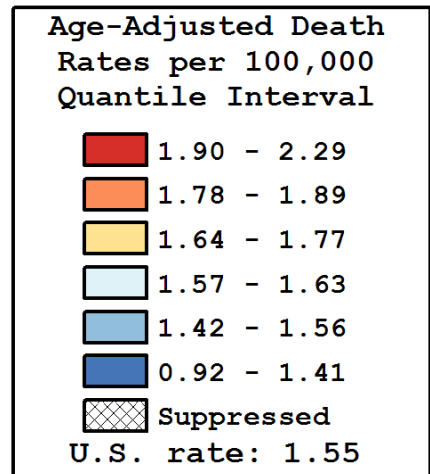
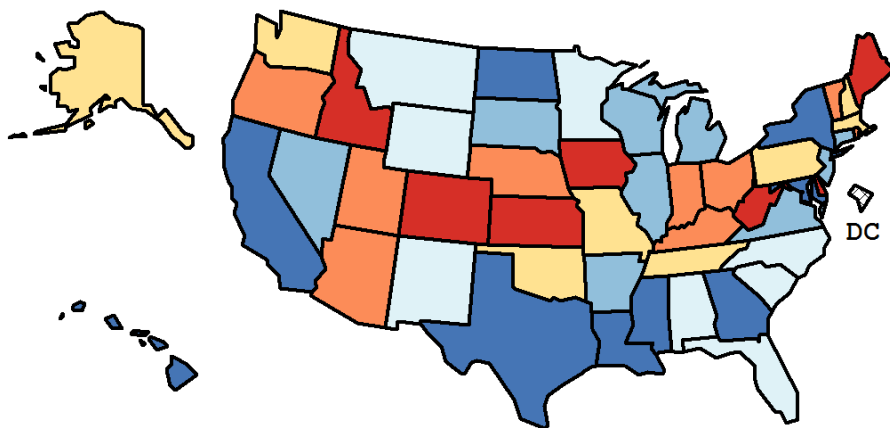
Table 16.20  
Melanoma of the Skin (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	1.55	0.01		
High Five States				
Idaho	2.29	0.23	01(01,27)	47.74 <sup>c</sup>
Delaware	2.02	0.27	02(01,44)	30.43 <sup>c</sup>
West Virginia	1.96	0.18	03(01,38)	26.95 <sup>c</sup>
Maine	1.95	0.21	04(01,43)	25.82 <sup>c</sup>
Colorado	1.94	0.12	05(01,28)	25.63 <sup>c</sup>
Low Five States				
New York	1.29	0.05	46(37,49)	-16.91 <sup>c</sup>
Maryland	1.29	0.09	47(30,50)	-16.95 <sup>c</sup>
Texas	1.24	0.04	48(40,50)	-19.96 <sup>c</sup>
North Dakota	1.05	0.23	49(14,50)	-31.86 <sup>c</sup>
Hawaii	0.92	0.14	50(40,50)	-40.37 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	1.62	0.11	27(06,44)	4.39	Montana	1.57	0.23	32(01,50)	1.56
Alaska	1.71	0.35	22(01,50)	10.44	Nebraska	1.79	0.18	15(01,45)	15.76 <sup>c</sup>
Arizona	1.78	0.10	16(03,35)	15.24 <sup>c</sup>	Nevada	1.46	0.14	39(08,49)	-5.37
Arkansas	1.47	0.13	37(08,49)	-5.08	New Hampshire	1.71	0.20	23(01,48)	10.20
California	1.35	0.04	43(35,47)	-12.46	New Jersey	1.45	0.07	40(23,47)	-6.11
Colorado	1.94	0.12	05(01,28)	25.63 <sup>c</sup>	New Mexico	1.58	0.16	30(03,49)	2.34
Connecticut	1.42	0.11	41(16,49)	-8.33	New York	1.29	0.05	46(37,49)	-16.91 <sup>c</sup>
Delaware	2.02	0.27	02(01,44)	30.43 <sup>c</sup>	North Carolina	1.63	0.07	25(09,39)	5.54
D.C.	-	-	-(-,-)	-	North Dakota	1.05	0.23	49(14,50)	-31.86 <sup>c</sup>
Florida	1.60	0.05	28(16,38)	3.49	Ohio	1.80	0.07	14(03,29)	16.07 <sup>c</sup>
Georgia	1.41	0.07	42(25,49)	-8.68	Oklahoma	1.73	0.13	20(02,41)	11.79
Hawaii	0.92	0.14	50(40,50)	-40.37 <sup>c</sup>	Oregon	1.89	0.13	08(01,34)	22.14 <sup>c</sup>
Idaho	2.29	0.23	01(01,27)	47.74 <sup>c</sup>	Pennsylvania	1.75	0.07	19(05,32)	13.31
Illinois	1.53	0.06	35(18,43)	-1.06	Rhode Island	1.84	0.22	10(01,48)	18.88 <sup>c</sup>
Indiana	1.80	0.10	13(02,34)	16.12 <sup>c</sup>	South Carolina	1.59	0.10	29(08,45)	3.00
Iowa	1.92	0.14	07(01,34)	24.27 <sup>c</sup>	South Dakota	1.49	0.25	36(01,50)	-3.95
Kansas	1.93	0.15	06(01,35)	24.96 <sup>c</sup>	Tennessee	1.64	0.09	24(06,41)	5.94
Kentucky	1.89	0.12	09(01,33)	21.94 <sup>c</sup>	Texas	1.24	0.04	48(40,50)	-19.96 <sup>c</sup>
Louisiana	1.31	0.10	45(26,50)	-15.43 <sup>c</sup>	Utah	1.82	0.17	11(01,43)	17.90 <sup>c</sup>
Maine	1.95	0.21	04(01,43)	25.82 <sup>c</sup>	Vermont	1.80	0.29	12(01,49)	16.12 <sup>c</sup>
Maryland	1.29	0.09	47(30,50)	-16.95 <sup>c</sup>	Virginia	1.55	0.08	34(13,45)	0.46
Massachusetts	1.77	0.09	18(03,36)	14.14	Washington	1.77	0.09	17(03,35)	14.41
Michigan	1.47	0.07	38(21,46)	-5.14	West Virginia	1.96	0.18	03(01,38)	26.95 <sup>c</sup>
Minnesota	1.62	0.10	26(06,44)	4.72	Wisconsin	1.56	0.09	33(11,46)	0.60
Mississippi	1.31	0.12	44(20,50)	-15.41 <sup>c</sup>	Wyoming	1.58	0.30	31(01,50)	1.98
Missouri	1.71	0.10	21(04,39)	10.56					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

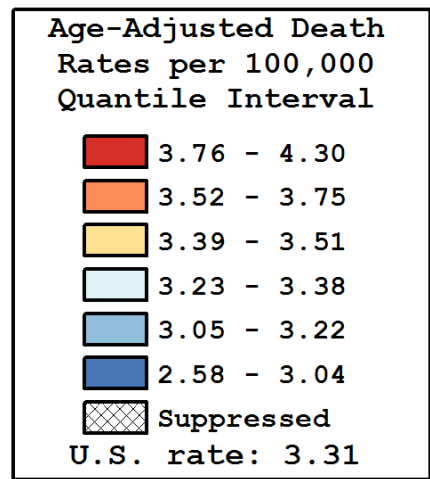
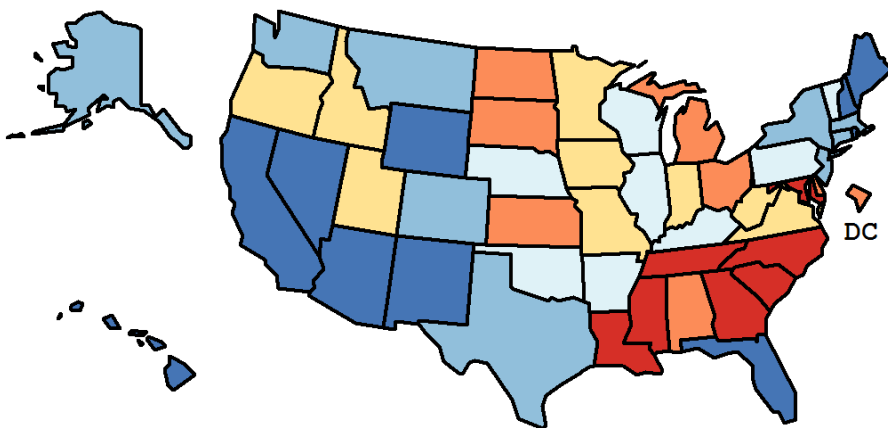
Table 18.18  
Myeloma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.31	0.01		
High Five States				
South Carolina	4.30	0.13	01(01,04)	29.98 <sup>c</sup>
Mississippi	3.99	0.16	02(01,18)	20.36 <sup>c</sup>
Maryland	3.97	0.11	03(01,14)	19.89 <sup>c</sup>
North Carolina	3.82	0.08	04(02,16)	15.45 <sup>c</sup>
Georgia	3.79	0.09	05(02,18)	14.34
Low Five States				
New Mexico	2.87	0.16	47(26,51)	-13.42
Nevada	2.86	0.14	48(29,51)	-13.58
Arizona	2.86	0.09	49(36,51)	-13.74
Rhode Island	2.71	0.21	50(24,51)	-18.17 <sup>c</sup>
Hawaii	2.58	0.18	51(37,51)	-22.05 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.66	0.11	10(02,28)	10.56	Montana	3.22	0.23	33(04,51)	-2.76
Alaska	3.06	0.35	40(02,51)	-7.51	Nebraska	3.31	0.18	29(05,49)	0.00
Arizona	2.86	0.09	49(36,51)	-13.74	Nevada	2.86	0.14	48(29,51)	-13.58
Arkansas	3.29	0.14	31(09,47)	-0.67	New Hampshire	2.95	0.19	46(14,51)	-10.82
California	3.04	0.04	43(34,47)	-8.20	New Jersey	3.16	0.08	36(21,46)	-4.44
Colorado	3.14	0.11	37(20,49)	-5.31	New Mexico	2.87	0.16	47(26,51)	-13.42
Connecticut	3.07	0.12	39(21,50)	-7.31	New York	3.05	0.05	41(31,48)	-7.90
Delaware	3.75	0.25	08(01,43)	13.24	North Carolina	3.82	0.08	04(02,16)	15.45 <sup>c</sup>
D.C.	3.66	0.35	11(01,50)	10.40	North Dakota	3.61	0.30	13(01,48)	8.94
Florida	2.97	0.05	45(37,49)	-10.29	Ohio	3.58	0.07	14(05,26)	8.10
Georgia	3.79	0.09	05(02,18)	14.34	Oklahoma	3.31	0.12	28(10,46)	0.02
Hawaii	2.58	0.18	51(37,51)	-22.05 <sup>c</sup>	Oregon	3.48	0.12	19(04,38)	5.18
Idaho	3.51	0.20	17(02,46)	6.01	Pennsylvania	3.31	0.06	30(17,39)	-0.08
Illinois	3.29	0.07	32(16,40)	-0.79	Rhode Island	2.71	0.21	50(24,51)	-18.17 <sup>c</sup>
Indiana	3.45	0.10	22(08,37)	4.05	South Carolina	4.30	0.13	01(01,04)	29.98 <sup>c</sup>
Iowa	3.49	0.14	18(04,40)	5.48	South Dakota	3.53	0.27	15(01,49)	6.60
Kansas	3.68	0.15	09(02,33)	11.03	Tennessee	3.77	0.10	07(02,20)	13.77
Kentucky	3.37	0.12	26(08,42)	1.90	Texas	3.17	0.05	35(25,44)	-4.19
Louisiana	3.78	0.13	06(02,23)	14.05	Utah	3.51	0.18	16(02,44)	6.05
Maine	3.04	0.18	42(14,51)	-8.11	Vermont	3.36	0.29	27(01,51)	1.43
Maryland	3.97	0.11	03(01,14)	19.89 <sup>c</sup>	Virginia	3.43	0.09	23(10,37)	3.61
Massachusetts	3.13	0.09	38(21,48)	-5.58	Washington	3.22	0.09	34(17,46)	-2.80
Michigan	3.62	0.08	12(04,26)	9.39	West Virginia	3.46	0.17	20(03,46)	4.44
Minnesota	3.41	0.11	24(09,40)	3.02	Wisconsin	3.38	0.10	25(11,40)	1.95
Mississippi	3.99	0.16	02(01,18)	20.36 <sup>c</sup>	Wyoming	2.99	0.31	44(03,51)	-9.78
Missouri	3.45	0.10	21(08,37)	4.15					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

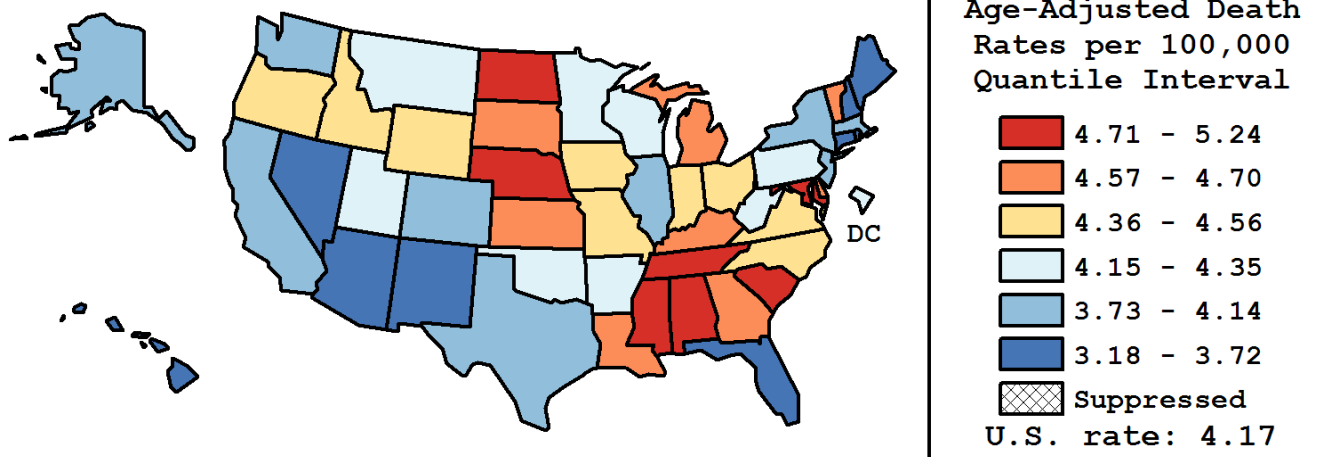
Table 18.19  
Myeloma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.17	0.02		
High Five States				
South Carolina	5.24	0.22	01(01,16)	25.57 <sup>c</sup>
Mississippi	5.01	0.27	02(01,31)	19.99 <sup>c</sup>
Tennessee	4.88	0.18	03(01,24)	17.05 <sup>c</sup>
Maryland	4.81	0.19	04(01,29)	15.27 <sup>c</sup>
Alabama	4.81	0.21	05(01,30)	15.23 <sup>c</sup>
Low Five States				
Arizona	3.61	0.14	47(33,51)	-13.54
Maine	3.56	0.30	48(16,51)	-14.59
Hawaii	3.41	0.30	49(22,51)	-18.25 <sup>c</sup>
New Mexico	3.38	0.26	50(29,51)	-18.94 <sup>c</sup>
Rhode Island	3.18	0.35	51(26,51)	-23.83 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.81	0.21	05(01,30)	15.23 <sup>c</sup>	Montana	4.17	0.38	33(02,51)	-0.09
Alaska	3.81	0.60	41(01,51)	-8.60	Nebraska	4.72	0.32	07(01,41)	13.20
Arizona	3.61	0.14	47(33,51)	-13.54	Nevada	3.67	0.24	45(22,51)	-12.14
Arkansas	4.17	0.24	32(06,48)	0.02	New Hampshire	3.72	0.33	43(09,51)	-10.84
California	3.91	0.07	40(30,45)	-6.17	New Jersey	4.03	0.14	35(18,46)	-3.40
Colorado	4.01	0.19	37(14,48)	-3.92	New Mexico	3.38	0.26	50(29,51)	-18.94 <sup>c</sup>
Connecticut	3.66	0.20	46(26,51)	-12.16	New York	3.76	0.09	42(33,49)	-9.98
Delaware	4.61	0.42	15(01,49)	10.43	North Carolina	4.56	0.14	16(03,32)	9.40
D.C.	4.34	0.60	26(01,51)	4.07	North Dakota	4.78	0.52	06(01,49)	14.63
Florida	3.71	0.08	44(36,49)	-11.15	Ohio	4.48	0.12	20(05,33)	7.29
Georgia	4.70	0.16	09(02,29)	12.54	Oklahoma	4.22	0.22	29(06,46)	1.04
Hawaii	3.41	0.30	49(22,51)	-18.25 <sup>c</sup>	Oregon	4.42	0.21	22(03,41)	6.03
Idaho	4.38	0.34	23(01,48)	5.09	Pennsylvania	4.19	0.11	31(15,41)	0.43
Illinois	4.14	0.12	34(17,42)	-0.80	Rhode Island	3.18	0.35	51(26,51)	-23.83 <sup>c</sup>
Indiana	4.52	0.17	18(03,35)	8.43	South Carolina	5.24	0.22	01(01,16)	25.57 <sup>c</sup>
Iowa	4.50	0.24	19(02,42)	7.85	South Dakota	4.70	0.46	08(01,49)	12.67
Kansas	4.68	0.26	10(01,38)	12.28	Tennessee	4.88	0.18	03(01,24)	17.05 <sup>c</sup>
Kentucky	4.63	0.21	13(01,36)	11.03	Texas	3.96	0.09	38(26,45)	-5.02
Louisiana	4.67	0.22	11(01,35)	12.03	Utah	4.24	0.29	28(03,49)	1.64
Maine	3.56	0.30	48(16,51)	-14.59	Vermont	4.65	0.52	12(01,50)	11.37
Maryland	4.81	0.19	04(01,29)	15.27 <sup>c</sup>	Virginia	4.36	0.15	24(07,39)	4.60
Massachusetts	3.95	0.16	39(20,48)	-5.31	Washington	4.01	0.16	36(17,47)	-3.77
Michigan	4.61	0.14	14(03,29)	10.60	West Virginia	4.35	0.29	25(02,48)	4.37
Minnesota	4.33	0.18	27(06,42)	3.80	Wisconsin	4.21	0.17	30(10,45)	0.82
Mississippi	5.01	0.27	02(01,31)	19.99 <sup>c</sup>	Wyoming	4.45	0.58	21(01,51)	6.74
Missouri	4.56	0.17	17(02,34)	9.23					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



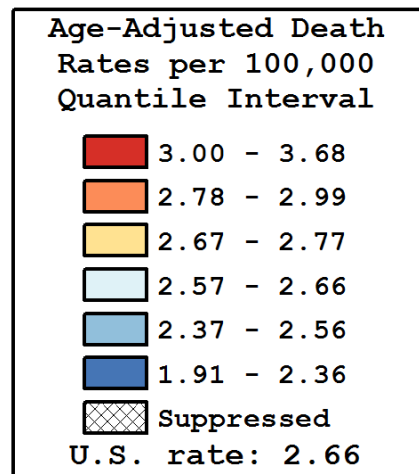
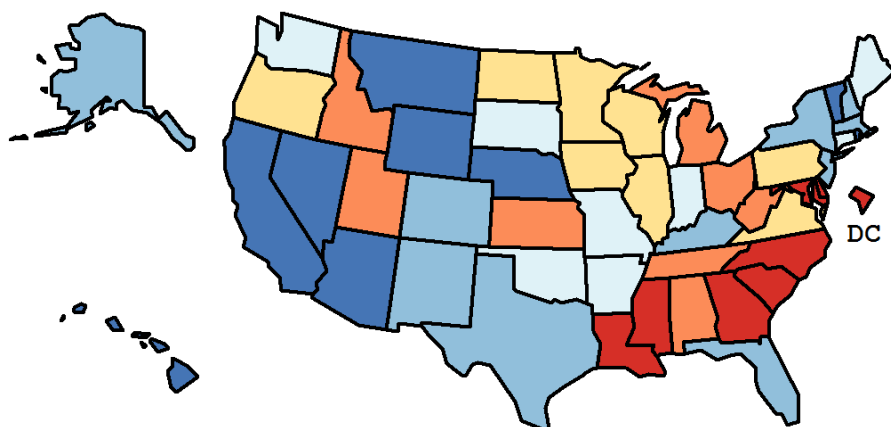
Table 18.20  
Myeloma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.66	0.02		
High Five States				
South Carolina	3.68	0.15	01(01,06)	37.99 <sup>c</sup>
Maryland	3.40	0.14	02(01,11)	27.49 <sup>c</sup>
North Carolina	3.30	0.10	03(01,11)	23.82 <sup>c</sup>
Mississippi	3.24	0.19	04(01,24)	21.57 <sup>c</sup>
D.C.	3.16	0.43	05(01,50)	18.66 <sup>c</sup>
Low Five States				
Arizona	2.22	0.10	47(33,51)	-16.51 <sup>c</sup>
Nebraska	2.21	0.19	48(16,51)	-17.20 <sup>c</sup>
Nevada	2.13	0.17	49(23,51)	-20.22 <sup>c</sup>
Wyoming	1.92	0.34	50(09,51)	-27.95 <sup>c</sup>
Hawaii	1.91	0.20	51(29,51)	-28.48 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.84	0.13	14(04,38)	6.57	Montana	2.36	0.27	44(04,51)	-11.52
Alaska	2.44	0.42	39(01,51)	-8.56	Nebraska	2.21	0.19	48(16,51)	-17.20 <sup>c</sup>
Arizona	2.22	0.10	47(33,51)	-16.51 <sup>c</sup>	Nevada	2.13	0.17	49(23,51)	-20.22 <sup>c</sup>
Arkansas	2.63	0.16	27(07,48)	-1.37	New Hampshire	2.38	0.23	41(07,51)	-10.80
California	2.36	0.05	43(34,48)	-11.27	New Jersey	2.56	0.09	33(15,46)	-3.86
Colorado	2.48	0.13	37(12,49)	-6.86	New Mexico	2.46	0.20	38(07,51)	-7.61
Connecticut	2.64	0.14	26(07,47)	-1.03	New York	2.55	0.06	35(19,43)	-4.43
Delaware	3.05	0.31	08(01,47)	14.55	North Carolina	3.30	0.10	03(01,11)	23.82 <sup>c</sup>
D.C.	3.16	0.43	05(01,50)	18.66 <sup>c</sup>	North Dakota	2.74	0.35	20(01,51)	2.65
Florida	2.38	0.06	42(30,48)	-10.85	Ohio	2.93	0.09	11(05,26)	9.77
Georgia	3.16	0.11	06(02,17)	18.56 <sup>c</sup>	Oklahoma	2.62	0.15	29(07,47)	-1.56
Hawaii	1.91	0.20	51(29,51)	-28.48 <sup>c</sup>	Oregon	2.75	0.15	19(05,44)	3.12
Idaho	2.78	0.25	16(02,49)	4.17	Pennsylvania	2.68	0.08	23(11,39)	0.47
Illinois	2.69	0.08	22(10,39)	0.97	Rhode Island	2.35	0.26	45(06,51)	-11.81
Indiana	2.66	0.11	25(09,44)	-0.28	South Carolina	3.68	0.15	01(01,06)	37.99 <sup>c</sup>
Iowa	2.77	0.16	17(04,44)	3.99	South Dakota	2.58	0.30	32(02,51)	-3.24
Kansas	2.95	0.18	10(02,40)	10.69	Tennessee	2.99	0.12	09(03,28)	12.12
Kentucky	2.42	0.13	40(16,50)	-9.19	Texas	2.56	0.06	34(18,43)	-4.07
Louisiana	3.12	0.15	07(01,25)	17.19 <sup>c</sup>	Utah	2.88	0.22	13(02,46)	8.22
Maine	2.62	0.22	30(04,50)	-1.75	Vermont	2.33	0.33	46(03,51)	-12.72
Maryland	3.40	0.14	02(01,11)	27.49 <sup>c</sup>	Virginia	2.73	0.11	21(08,40)	2.34
Massachusetts	2.53	0.10	36(14,47)	-5.12	Washington	2.59	0.11	31(11,46)	-2.99
Michigan	2.89	0.09	12(05,30)	8.43	West Virginia	2.78	0.20	15(03,47)	4.38
Minnesota	2.68	0.13	24(08,45)	0.41	Wisconsin	2.75	0.12	18(06,41)	3.16
Mississippi	3.24	0.19	04(01,24)	21.57 <sup>c</sup>	Wyoming	1.92	0.34	50(09,51)	-27.95 <sup>c</sup>
Missouri	2.62	0.11	28(10,45)	-1.56					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

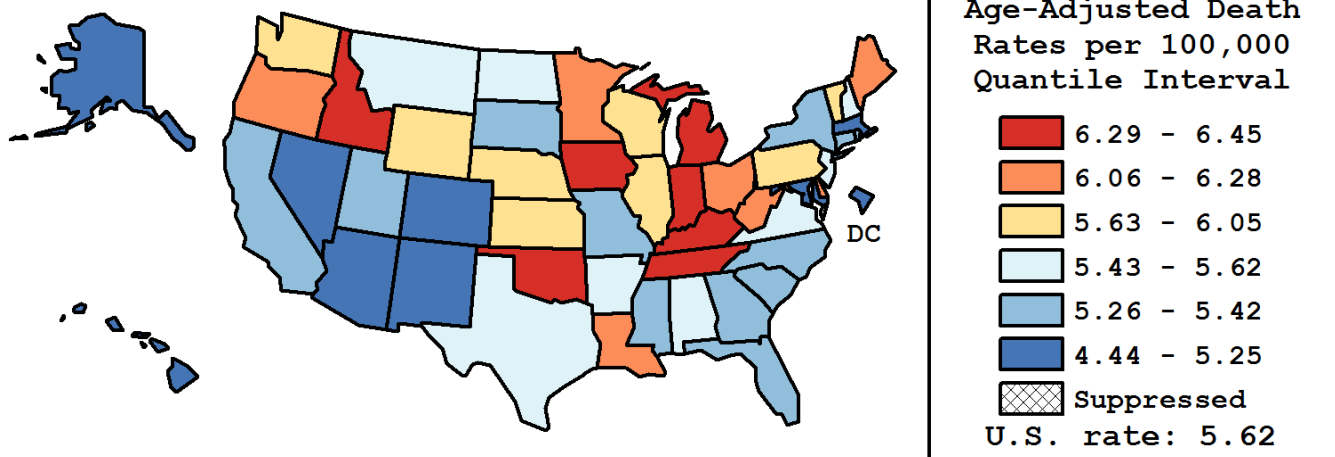
Table 19.22  
Non-Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	5.62	0.02		
High Five States				
Michigan	6.45	0.11	01(01,12)	14.79
Kentucky	6.42	0.16	02(01,18)	14.24
Iowa	6.38	0.18	03(01,20)	13.67
Indiana	6.38	0.13	04(01,17)	13.61
Idaho	6.35	0.27	05(01,26)	13.03
Low Five States				
Nevada	5.11	0.19	47(22,51)	-8.99
Colorado	4.91	0.14	48(38,51)	-12.57
New Mexico	4.88	0.20	49(28,51)	-13.17
Hawaii	4.75	0.24	50(30,51)	-15.42 <sup>c</sup>
D.C.	4.44	0.39	51(23,51)	-20.97 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	5.45	0.14	28(18,47)	-2.91	Montana	5.59	0.30	25(02,50)	-0.42
Alaska	5.25	0.47	43(01,51)	-6.54	Nebraska	5.63	0.23	22(05,48)	0.26
Arizona	5.12	0.12	46(29,50)	-8.86	Nevada	5.11	0.19	47(22,51)	-8.99
Arkansas	5.55	0.18	26(12,47)	-1.13	New Hampshire	5.62	0.27	23(03,49)	0.14
California	5.33	0.05	40(26,45)	-5.08	New Jersey	5.45	0.10	29(20,45)	-3.01
Colorado	4.91	0.14	48(38,51)	-12.57	New Mexico	4.88	0.20	49(28,51)	-13.17
Connecticut	5.33	0.16	39(19,49)	-5.05	New York	5.35	0.07	37(24,46)	-4.78
Delaware	6.28	0.33	08(01,39)	11.74	North Carolina	5.41	0.10	35(21,46)	-3.63
D.C.	4.44	0.39	51(23,51)	-20.97 <sup>c</sup>	North Dakota	5.61	0.37	24(01,51)	-0.07
Florida	5.35	0.06	38(25,45)	-4.79	Ohio	6.16	0.09	10(02,20)	9.69
Georgia	5.33	0.11	41(22,48)	-5.11	Oklahoma	6.30	0.17	06(01,21)	12.26
Hawaii	4.75	0.24	50(30,51)	-15.42 <sup>c</sup>	Oregon	6.12	0.16	11(01,24)	9.03
Idaho	6.35	0.27	05(01,26)	13.03	Pennsylvania	6.03	0.09	16(06,22)	7.29
Illinois	5.66	0.09	20(16,34)	0.85	Rhode Island	5.42	0.29	32(06,51)	-3.50
Indiana	6.38	0.13	04(01,17)	13.61	South Carolina	5.42	0.14	31(18,47)	-3.47
Iowa	6.38	0.18	03(01,20)	13.67	South Dakota	5.41	0.33	36(04,51)	-3.64
Kansas	5.85	0.19	19(04,39)	4.20	Tennessee	6.29	0.13	07(01,19)	11.98
Kentucky	6.42	0.16	02(01,18)	14.24	Texas	5.46	0.07	27(21,42)	-2.77
Louisiana	6.08	0.16	14(01,25)	8.26	Utah	5.42	0.22	33(12,50)	-3.52
Maine	6.09	0.26	13(01,37)	8.52	Vermont	6.05	0.40	15(01,48)	7.70
Maryland	5.24	0.13	44(23,49)	-6.63	Virginia	5.44	0.11	30(20,46)	-3.19
Massachusetts	5.23	0.12	45(25,49)	-6.87	Washington	5.99	0.13	17(04,25)	6.65
Michigan	6.45	0.11	01(01,12)	14.79	West Virginia	6.12	0.22	12(01,32)	8.94
Minnesota	6.17	0.14	09(01,22)	9.84	Wisconsin	5.90	0.13	18(06,29)	5.07
Mississippi	5.31	0.18	42(18,50)	-5.51	Wyoming	5.64	0.43	21(01,51)	0.50
Missouri	5.42	0.12	34(19,47)	-3.54					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

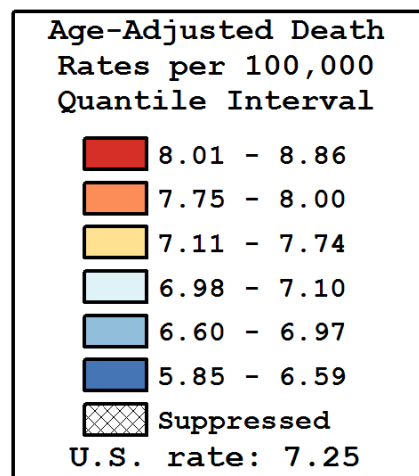
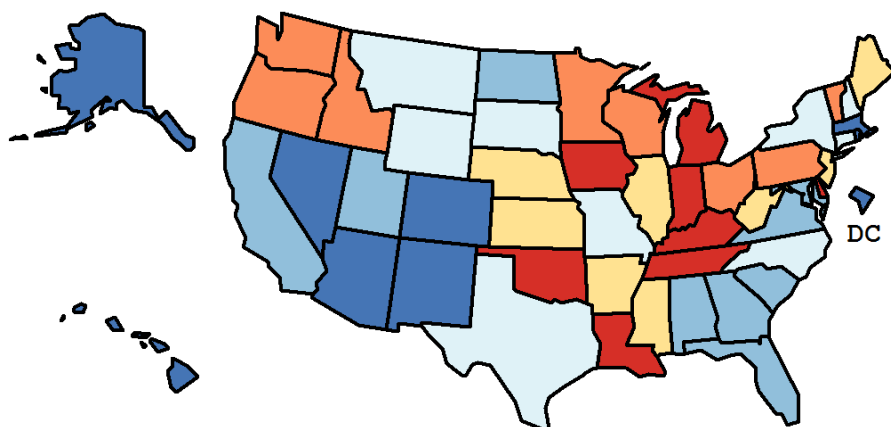
Table 19.23  
Non-Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	7.25	0.03		
High Five States				
Kentucky	8.86	0.30	01(01,12)	22.13 <sup>c</sup>
Iowa	8.45	0.32	02(01,20)	16.47 <sup>c</sup>
Michigan	8.42	0.19	03(01,14)	16.15 <sup>c</sup>
Indiana	8.39	0.24	04(01,16)	15.67 <sup>c</sup>
Delaware	8.24	0.58	05(01,44)	13.64
Low Five States				
Arizona	6.35	0.19	47(32,51)	-12.44
Alaska	6.30	0.75	48(02,51)	-13.11
Hawaii	6.20	0.41	49(19,51)	-14.52
D.C.	6.14	0.71	50(05,51)	-15.35 <sup>c</sup>
New Mexico	5.85	0.33	51(34,51)	-19.28 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	6.88	0.25	36(16,49)	-5.13	Montana	7.09	0.50	26(02,51)	-2.18
Alaska	6.30	0.75	48(02,51)	-13.11	Nebraska	7.37	0.40	20(02,48)	1.65
Arizona	6.35	0.19	47(32,51)	-12.44	Nevada	6.53	0.32	44(19,51)	-9.94
Arkansas	7.21	0.31	22(07,47)	-0.61	New Hampshire	7.10	0.46	25(04,51)	-2.10
California	6.77	0.09	41(28,46)	-6.66	New Jersey	7.21	0.18	21(14,41)	-0.59
Colorado	6.43	0.24	46(24,51)	-11.33	New Mexico	5.85	0.33	51(34,51)	-19.28 <sup>c</sup>
Connecticut	7.05	0.28	28(12,48)	-2.73	New York	7.02	0.12	30(19,43)	-3.23
Delaware	8.24	0.58	05(01,44)	13.64	North Carolina	7.09	0.18	27(16,44)	-2.21
D.C.	6.14	0.71	50(05,51)	-15.35 <sup>c</sup>	North Dakota	6.82	0.61	39(02,51)	-5.98
Florida	6.83	0.11	37(24,46)	-5.85	Ohio	8.00	0.17	09(03,20)	10.29
Georgia	6.97	0.19	34(17,46)	-3.87	Oklahoma	8.06	0.30	08(01,26)	11.09
Hawaii	6.20	0.41	49(19,51)	-14.52	Oregon	7.94	0.28	12(01,28)	9.47
Idaho	7.75	0.45	16(01,46)	6.92	Pennsylvania	7.83	0.15	15(05,23)	7.94
Illinois	7.39	0.16	19(12,35)	1.90	Rhode Island	6.49	0.50	45(10,51)	-10.50
Indiana	8.39	0.24	04(01,16)	15.67 <sup>c</sup>	South Carolina	6.81	0.25	40(18,50)	-6.04
Iowa	8.45	0.32	02(01,20)	16.47 <sup>c</sup>	South Dakota	7.01	0.56	31(02,51)	-3.32
Kansas	7.13	0.32	24(09,48)	-1.74	Tennessee	8.20	0.23	06(01,20)	13.11
Kentucky	8.86	0.30	01(01,12)	22.13 <sup>c</sup>	Texas	6.98	0.12	32(20,43)	-3.68
Louisiana	8.14	0.29	07(01,22)	12.22	Utah	6.70	0.36	42(13,51)	-7.54
Maine	7.54	0.45	18(01,48)	3.95	Vermont	7.94	0.69	11(01,49)	9.50
Maryland	6.82	0.23	38(18,49)	-5.88	Virginia	6.94	0.20	35(18,47)	-4.29
Massachusetts	6.59	0.20	43(24,50)	-9.10	Washington	7.90	0.22	13(02,24)	8.97
Michigan	8.42	0.19	03(01,14)	16.15 <sup>c</sup>	West Virginia	7.74	0.38	17(01,42)	6.75
Minnesota	7.97	0.25	10(02,24)	9.95	Wisconsin	7.86	0.23	14(02,27)	8.44
Mississippi	7.17	0.34	23(07,48)	-1.10	Wyoming	6.98	0.71	33(01,51)	-3.77
Missouri	7.02	0.22	29(16,46)	-3.19					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

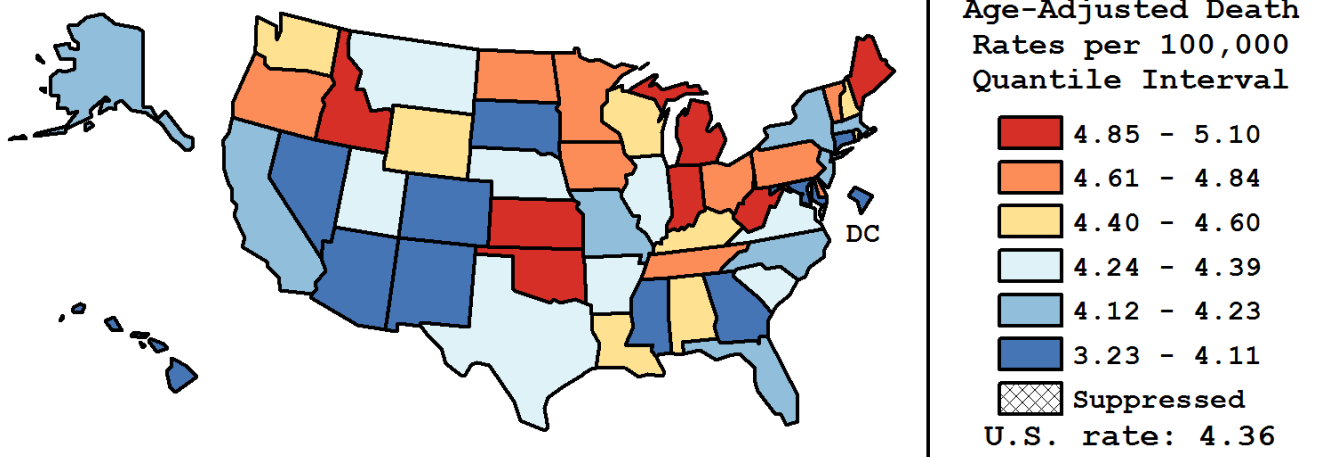
Table 19.24  
Non-Hodgkin Lymphoma

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.36	0.02		
High Five States				
Idaho	5.10	0.33	01(01,39)	16.97 <sup>c</sup>
Maine	4.97	0.31	02(01,41)	13.96
Michigan	4.95	0.12	03(01,19)	13.40
Oklahoma	4.92	0.20	04(01,28)	12.76
Indiana	4.92	0.16	05(01,23)	12.70
Low Five States				
Mississippi	4.04	0.21	47(13,51)	-7.31
Nevada	3.82	0.22	48(20,51)	-12.37
Colorado	3.69	0.16	49(34,51)	-15.40 <sup>c</sup>
Hawaii	3.52	0.27	50(25,51)	-19.32 <sup>c</sup>
D.C.	3.23	0.44	51(15,51)	-26.01 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.40	0.17	24(05,47)	0.99	Montana	4.35	0.36	27(01,51)	-0.34
Alaska	4.14	0.58	38(01,51)	-5.00	Nebraska	4.35	0.27	26(02,49)	-0.32
Arizona	4.07	0.14	44(20,49)	-6.64	Nevada	3.82	0.22	48(20,51)	-12.37
Arkansas	4.28	0.21	31(06,49)	-1.81	New Hampshire	4.54	0.32	19(01,49)	4.00
California	4.23	0.06	34(22,44)	-3.13	New Jersey	4.19	0.12	37(18,48)	-3.97
Colorado	3.69	0.16	49(34,51)	-15.40 <sup>c</sup>	New Mexico	4.05	0.25	46(09,51)	-7.06
Connecticut	4.07	0.18	45(15,50)	-6.69	New York	4.12	0.08	39(25,48)	-5.54
Delaware	4.73	0.39	12(01,50)	8.55	North Carolina	4.20	0.12	35(18,48)	-3.74
D.C.	3.23	0.44	51(15,51)	-26.01 <sup>c</sup>	North Dakota	4.71	0.45	13(01,50)	8.09
Florida	4.12	0.07	40(25,48)	-5.64	Ohio	4.78	0.11	10(01,23)	9.67
Georgia	4.11	0.12	43(20,49)	-5.82	Oklahoma	4.92	0.20	04(01,28)	12.76
Hawaii	3.52	0.27	50(25,51)	-19.32 <sup>c</sup>	Oregon	4.65	0.19	15(01,41)	6.68
Idaho	5.10	0.33	01(01,39)	16.97 <sup>c</sup>	Pennsylvania	4.67	0.10	14(04,27)	7.14
Illinois	4.39	0.10	25(13,41)	0.74	Rhode Island	4.55	0.35	18(01,50)	4.34
Indiana	4.92	0.16	05(01,23)	12.70	South Carolina	4.32	0.17	30(09,47)	-1.02
Iowa	4.84	0.21	08(01,35)	10.87	South Dakota	4.11	0.39	42(01,51)	-5.80
Kansas	4.86	0.23	06(01,37)	11.43	Tennessee	4.84	0.15	09(01,26)	10.87
Kentucky	4.60	0.18	17(02,41)	5.44	Texas	4.27	0.08	32(19,44)	-2.13
Louisiana	4.51	0.18	21(03,45)	3.33	Utah	4.33	0.26	28(02,50)	-0.81
Maine	4.97	0.31	02(01,41)	13.96	Vermont	4.61	0.47	16(01,51)	5.78
Maryland	4.11	0.15	41(17,49)	-5.76	Virginia	4.32	0.13	29(12,46)	-0.92
Massachusetts	4.23	0.14	33(15,48)	-3.03	Washington	4.52	0.15	20(05,41)	3.60
Michigan	4.95	0.12	03(01,19)	13.40	West Virginia	4.86	0.27	07(01,43)	11.41
Minnesota	4.75	0.17	11(01,32)	9.01	Wisconsin	4.43	0.15	23(06,45)	1.56
Mississippi	4.04	0.21	47(13,51)	-7.31	Wyoming	4.45	0.51	22(01,51)	1.92
Missouri	4.19	0.14	36(15,49)	-3.96					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

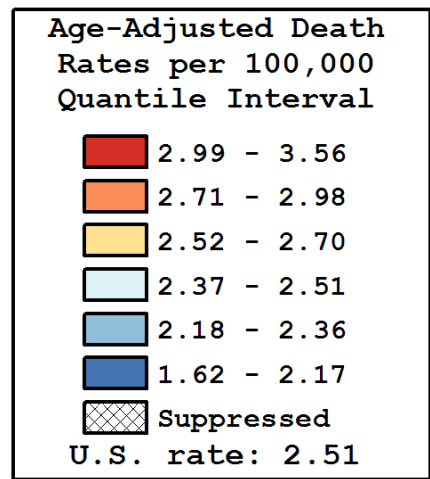
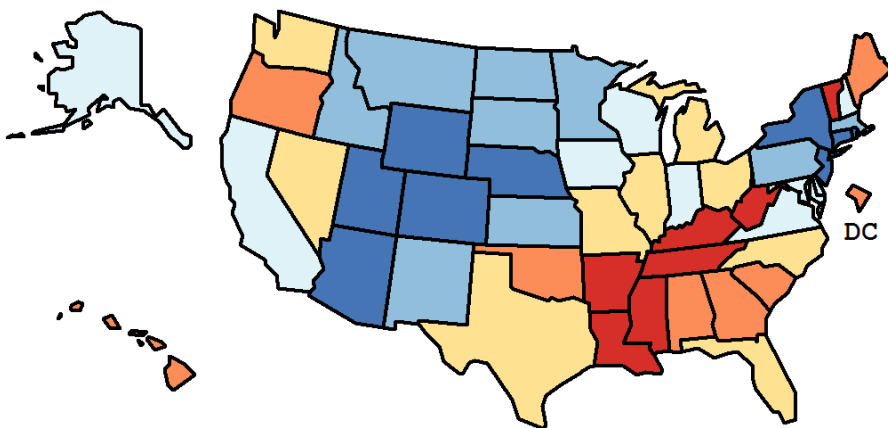
Table 20.24  
Cancer of the Oral Cavity and Pharynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.51	0.01		
High Five States				
Mississippi	3.56	0.14	01(01,05)	41.81 <sup>c</sup>
Vermont	3.22	0.29	02(01,30)	28.53 <sup>c</sup>
Arkansas	3.18	0.13	03(01,14)	26.78 <sup>c</sup>
Louisiana	3.14	0.11	04(01,12)	25.06 <sup>c</sup>
Kentucky	3.13	0.11	05(01,13)	24.73 <sup>c</sup>
Low Five States				
Wyoming	1.98	0.25	47(12,51)	-21.09 <sup>c</sup>
Colorado	1.93	0.08	48(39,51)	-23.12 <sup>c</sup>
Connecticut	1.81	0.09	49(43,51)	-27.80 <sup>c</sup>
Utah	1.75	0.12	50(42,51)	-30.38 <sup>c</sup>
Rhode Island	1.62	0.15	51(43,51)	-35.56 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.80	0.10	11(04,27)	11.70	Montana	2.25	0.19	38(11,50)	-10.36
Alaska	2.37	0.29	32(02,51)	-5.45	Nebraska	2.17	0.14	43(23,50)	-13.60
Arizona	2.03	0.07	45(37,50)	-19.01 <sup>c</sup>	Nevada	2.61	0.13	21(06,40)	4.21
Arkansas	3.18	0.13	03(01,14)	26.78 <sup>c</sup>	New Hampshire	2.40	0.17	31(08,48)	-4.23
California	2.47	0.04	26(22,35)	-1.49	New Jersey	2.02	0.06	46(39,49)	-19.48 <sup>c</sup>
Colorado	1.93	0.08	48(39,51)	-23.12 <sup>c</sup>	New Mexico	2.36	0.14	34(11,47)	-5.74
Connecticut	1.81	0.09	49(43,51)	-27.80 <sup>c</sup>	New York	2.14	0.04	44(35,47)	-14.48
Delaware	2.51	0.21	25(04,48)	0.11	North Carolina	2.59	0.07	23(11,33)	3.42
D.C.	2.98	0.31	08(01,42)	18.79 <sup>c</sup>	North Dakota	2.30	0.24	35(05,51)	-8.26
Florida	2.68	0.04	19(10,26)	6.96	Ohio	2.69	0.06	18(09,28)	7.22
Georgia	2.72	0.07	14(07,28)	8.41	Oklahoma	2.71	0.11	15(05,33)	8.19
Hawaii	2.77	0.18	13(02,39)	10.66	Oregon	2.79	0.11	12(04,28)	11.25
Idaho	2.24	0.16	39(14,50)	-10.53	Pennsylvania	2.24	0.05	40(30,45)	-10.54
Illinois	2.60	0.06	22(11,32)	3.66	Rhode Island	1.62	0.15	51(43,51)	-35.56 <sup>c</sup>
Indiana	2.37	0.08	33(21,43)	-5.46	South Carolina	2.97	0.10	09(02,19)	18.61 <sup>c</sup>
Iowa	2.45	0.11	28(11,43)	-2.11	South Dakota	2.23	0.22	41(09,51)	-10.96
Kansas	2.18	0.12	42(25,49)	-13.13	Tennessee	2.99	0.09	07(02,16)	19.26 <sup>c</sup>
Kentucky	3.13	0.11	05(01,13)	24.73 <sup>c</sup>	Texas	2.56	0.04	24(16,33)	1.98
Louisiana	3.14	0.11	04(01,12)	25.06 <sup>c</sup>	Utah	1.75	0.12	50(42,51)	-30.38 <sup>c</sup>
Maine	2.91	0.18	10(01,32)	15.90 <sup>c</sup>	Vermont	3.22	0.29	02(01,30)	28.53 <sup>c</sup>
Maryland	2.42	0.09	30(16,42)	-3.62	Virginia	2.44	0.07	29(18,40)	-2.67
Massachusetts	2.29	0.08	36(25,45)	-8.78	Washington	2.67	0.08	20(08,32)	6.40
Michigan	2.70	0.07	16(09,28)	7.59	West Virginia	3.02	0.16	06(01,24)	20.40 <sup>c</sup>
Minnesota	2.27	0.09	37(24,46)	-9.30	Wisconsin	2.46	0.08	27(15,40)	-1.94
Mississippi	3.56	0.14	01(01,05)	41.81 <sup>c</sup>	Wyoming	1.98	0.25	47(12,51)	-21.09 <sup>c</sup>
Missouri	2.70	0.09	17(07,31)	7.53					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

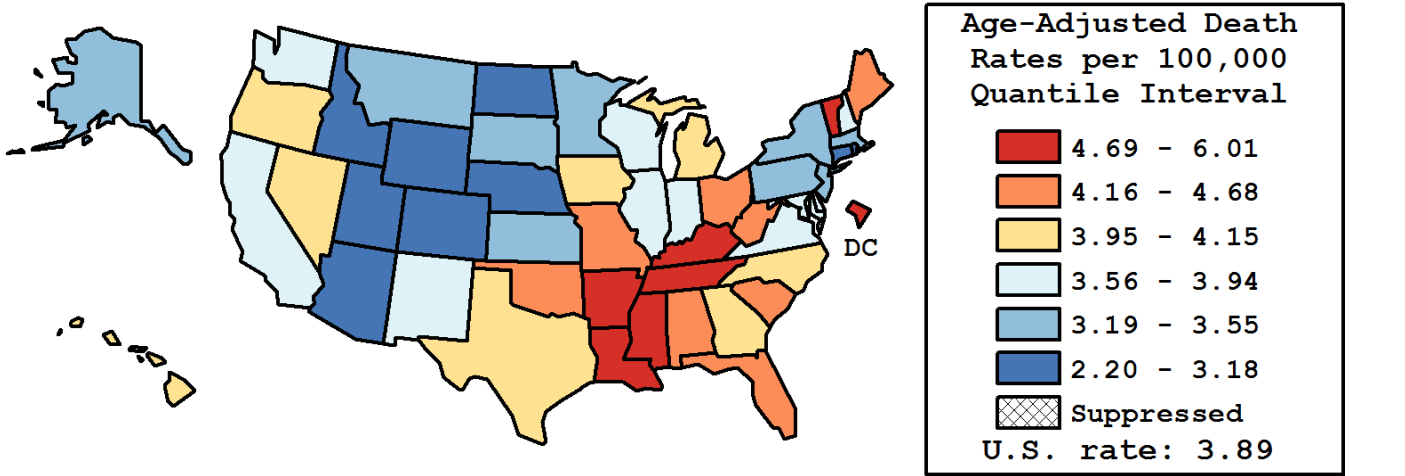
Table 20.25  
Cancer of the Oral Cavity and Pharynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.89	0.02		
High Five States				
Mississippi	6.01	0.28	01(01,04)	54.36 <sup>c</sup>
Louisiana	5.14	0.21	02(01,11)	32.17 <sup>c</sup>
D.C.	5.01	0.61	03(01,42)	28.80 <sup>c</sup>
Arkansas	4.98	0.25	04(01,13)	28.00 <sup>c</sup>
Kentucky	4.86	0.21	05(02,15)	24.94 <sup>c</sup>
Low Five States				
Wyoming	2.92	0.45	47(12,51)	-25.06 <sup>c</sup>
Connecticut	2.91	0.17	48(36,51)	-25.13 <sup>c</sup>
Colorado	2.81	0.15	49(40,51)	-27.93 <sup>c</sup>
Utah	2.57	0.22	50(40,51)	-34.02 <sup>c</sup>
Rhode Island	2.20	0.27	51(44,51)	-43.39 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.60	0.19	11(02,21)	18.14 <sup>c</sup>	Montana	3.44	0.34	37(10,50)	-11.69
Alaska	3.52	0.51	35(02,51)	-9.52	Nebraska	3.08	0.25	45(25,51)	-20.89 <sup>c</sup>
Arizona	3.17	0.13	44(33,49)	-18.61 <sup>c</sup>	Nevada	3.95	0.23	23(08,41)	1.57
Arkansas	4.98	0.25	04(01,13)	28.00 <sup>c</sup>	New Hampshire	3.63	0.30	32(09,48)	-6.68
California	3.83	0.07	26(19,34)	-1.60	New Jersey	3.22	0.12	42(32,48)	-17.20 <sup>c</sup>
Colorado	2.81	0.15	49(40,51)	-27.93 <sup>c</sup>	New Mexico	3.65	0.25	31(11,47)	-6.25
Connecticut	2.91	0.17	48(36,51)	-25.13 <sup>c</sup>	New York	3.38	0.08	39(30,45)	-13.18
Delaware	3.59	0.37	33(06,50)	-7.80	North Carolina	4.07	0.13	19(09,31)	4.69
D.C.	5.01	0.61	03(01,42)	28.80 <sup>c</sup>	North Dakota	2.98	0.40	46(12,51)	-23.48 <sup>c</sup>
Florida	4.20	0.08	15(09,24)	7.98	Ohio	4.23	0.12	13(08,26)	8.69
Georgia	4.08	0.14	17(09,32)	4.80	Oklahoma	4.29	0.21	12(04,32)	10.13
Hawaii	4.08	0.32	18(03,43)	4.77	Oregon	3.97	0.19	21(09,38)	2.03
Idaho	3.18	0.28	43(20,51)	-18.30 <sup>c</sup>	Pennsylvania	3.55	0.10	34(25,42)	-8.79
Illinois	3.94	0.11	25(13,34)	1.11	Rhode Island	2.20	0.27	51(44,51)	-43.39 <sup>c</sup>
Indiana	3.66	0.15	30(17,43)	-6.06	South Carolina	4.68	0.19	08(02,18)	20.19 <sup>c</sup>
Iowa	3.96	0.22	22(08,41)	1.69	South Dakota	3.42	0.39	38(07,51)	-12.07
Kansas	3.32	0.21	41(22,49)	-14.79	Tennessee	4.82	0.17	06(02,13)	23.87 <sup>c</sup>
Kentucky	4.86	0.21	05(02,15)	24.94 <sup>c</sup>	Texas	4.05	0.08	20(12,29)	4.06
Louisiana	5.14	0.21	02(01,11)	32.17 <sup>c</sup>	Utah	2.57	0.22	50(40,51)	-34.02 <sup>c</sup>
Maine	4.61	0.34	10(02,32)	18.46 <sup>c</sup>	Vermont	4.78	0.51	07(01,42)	22.69 <sup>c</sup>
Maryland	3.74	0.16	28(13,42)	-3.82	Virginia	3.70	0.14	29(17,41)	-4.84
Massachusetts	3.49	0.14	36(23,46)	-10.33	Washington	3.94	0.15	24(10,36)	1.16
Michigan	4.15	0.12	16(08,29)	6.62	West Virginia	4.63	0.29	09(02,28)	18.97 <sup>c</sup>
Minnesota	3.34	0.15	40(27,48)	-14.10	Wisconsin	3.78	0.15	27(13,41)	-2.90
Mississippi	6.01	0.28	01(01,04)	54.36 <sup>c</sup>	Wyoming	2.92	0.45	47(12,51)	-25.06 <sup>c</sup>
Missouri	4.20	0.16	14(07,30)	8.01					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



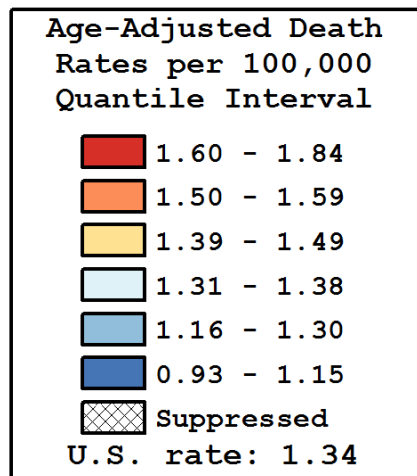
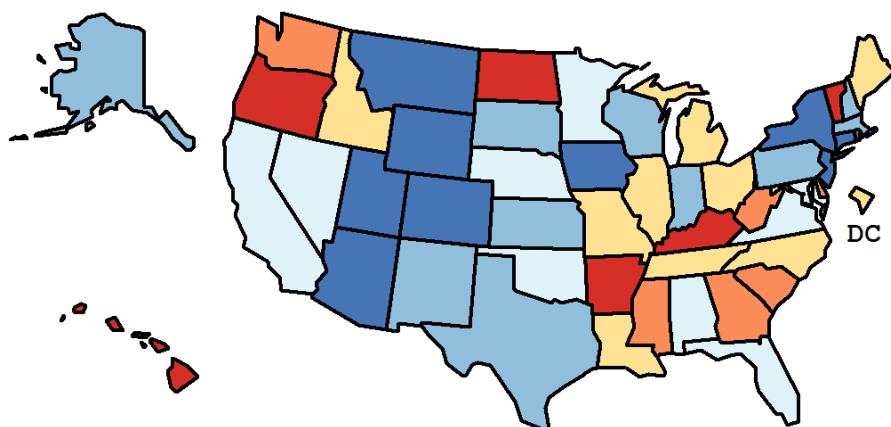
Table 20.26  
Cancer of the Oral Cavity and Pharynx (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	1.34	0.01		
High Five States				
Vermont	1.84	0.29	01(01,47)	37.33 <sup>c</sup>
Oregon	1.75	0.12	02(01,22)	30.46 <sup>c</sup>
North Dakota	1.72	0.29	03(01,50)	28.51 <sup>c</sup>
Kentucky	1.69	0.11	04(01,25)	26.10 <sup>c</sup>
Hawaii	1.66	0.19	05(01,43)	23.71 <sup>c</sup>
Low Five States				
Rhode Island	1.12	0.17	47(05,51)	-16.30 <sup>c</sup>
New Jersey	1.06	0.06	48(36,51)	-21.15 <sup>c</sup>
Arizona	1.04	0.07	49(34,51)	-22.53 <sup>c</sup>
Utah	0.99	0.13	50(23,51)	-26.10 <sup>c</sup>
Connecticut	0.93	0.09	51(38,51)	-30.69 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	1.34	0.09	30(07,46)	-0.30	Montana	1.15	0.18	43(04,51)	-14.03
Alaska	1.20	0.30	40(01,51)	-10.78	Nebraska	1.37	0.15	26(01,50)	2.32
Arizona	1.04	0.07	49(34,51)	-22.53 <sup>c</sup>	Nevada	1.38	0.13	23(02,49)	3.10
Arkansas	1.66	0.14	06(01,35)	23.51 <sup>c</sup>	New Hampshire	1.30	0.18	32(02,51)	-2.77
California	1.33	0.04	31(16,39)	-0.49	New Jersey	1.06	0.06	48(36,51)	-21.15 <sup>c</sup>
Colorado	1.15	0.09	42(17,51)	-13.94	New Mexico	1.26	0.14	37(05,51)	-6.37
Connecticut	0.93	0.09	51(38,51)	-30.69 <sup>c</sup>	New York	1.15	0.04	44(33,49)	-14.36
Delaware	1.58	0.23	08(01,50)	18.00 <sup>c</sup>	North Carolina	1.40	0.07	20(07,40)	4.44
D.C.	1.49	0.29	14(01,51)	10.95	North Dakota	1.72	0.29	03(01,50)	28.51 <sup>c</sup>
Florida	1.38	0.04	24(12,38)	2.54	Ohio	1.40	0.06	22(08,39)	4.17
Georgia	1.59	0.08	07(01,26)	18.48 <sup>c</sup>	Oklahoma	1.34	0.10	28(05,48)	-0.23
Hawaii	1.66	0.19	05(01,43)	23.71 <sup>c</sup>	Oregon	1.75	0.12	02(01,22)	30.46 <sup>c</sup>
Idaho	1.40	0.18	21(01,50)	4.18	Pennsylvania	1.16	0.05	41(29,49)	-13.36
Illinois	1.49	0.06	13(04,31)	11.28	Rhode Island	1.12	0.17	47(05,51)	-16.30 <sup>c</sup>
Indiana	1.28	0.08	36(13,47)	-4.83	South Carolina	1.55	0.10	11(01,37)	15.64 <sup>c</sup>
Iowa	1.13	0.10	45(18,51)	-15.58 <sup>c</sup>	South Dakota	1.20	0.22	39(01,51)	-10.54
Kansas	1.22	0.12	38(09,51)	-9.27	Tennessee	1.46	0.08	17(03,38)	9.04
Kentucky	1.69	0.11	04(01,25)	26.10 <sup>c</sup>	Texas	1.30	0.04	33(17,42)	-3.00
Louisiana	1.49	0.10	15(02,41)	10.76	Utah	0.99	0.13	50(23,51)	-26.10 <sup>c</sup>
Maine	1.44	0.17	18(01,49)	7.13	Vermont	1.84	0.29	01(01,47)	37.33 <sup>c</sup>
Maryland	1.34	0.09	27(08,45)	0.07	Virginia	1.37	0.07	25(08,42)	2.40
Massachusetts	1.30	0.08	34(11,46)	-3.01	Washington	1.57	0.09	09(01,32)	17.22 <sup>c</sup>
Michigan	1.47	0.07	16(05,36)	9.34	West Virginia	1.56	0.15	10(01,43)	16.36 <sup>c</sup>
Minnesota	1.34	0.09	29(08,46)	-0.30	Wisconsin	1.29	0.08	35(11,48)	-3.99
Mississippi	1.53	0.13	12(01,41)	13.98	Wyoming	1.13	0.27	46(01,51)	-15.84 <sup>c</sup>
Missouri	1.41	0.08	19(05,42)	4.94					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

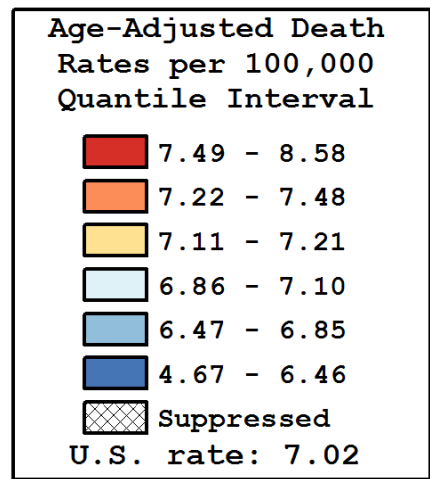
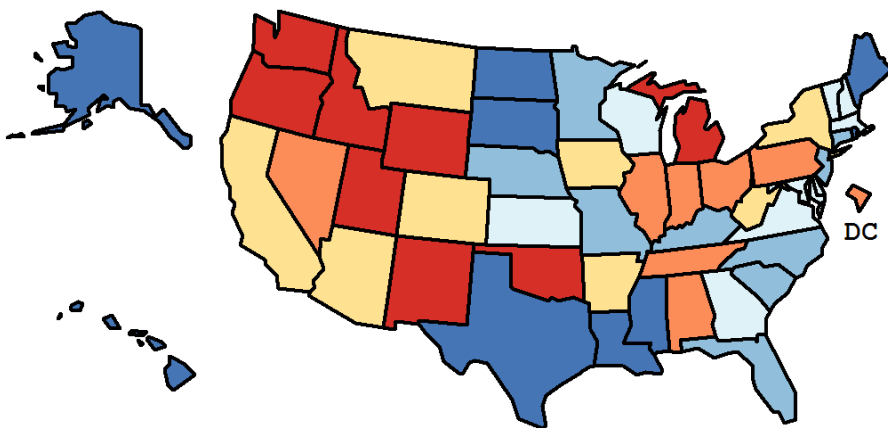
Table 21.14  
Cancer of the Ovary (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	7.02	0.03		
High Five States				
Oregon	8.58	0.26	01(01,07)	22.32 <sup>c</sup>
Idaho	8.29	0.42	02(01,26)	18.14 <sup>c</sup>
Washington	7.93	0.20	03(01,16)	13.01
Utah	7.74	0.35	04(01,36)	10.37
New Mexico	7.74	0.35	05(01,37)	10.35
Low Five States				
Texas	6.29	0.10	47(38,50)	-10.31
Mississippi	6.29	0.26	48(24,50)	-10.38
Louisiana	6.28	0.21	49(29,50)	-10.49
North Dakota	5.60	0.52	50(18,51)	-20.12 <sup>c</sup>
Hawaii	4.67	0.33	51(49,51)	-33.47 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	7.37	0.22	14(03,37)	5.09	Montana	7.13	0.46	22(01,49)	1.62
Alaska	6.34	0.67	45(02,51)	-9.68	Nebraska	6.79	0.35	36(05,50)	-3.24
Arizona	7.17	0.19	18(05,39)	2.15	Nevada	7.45	0.31	11(02,42)	6.13
Arkansas	7.17	0.28	19(03,46)	2.13	New Hampshire	7.02	0.40	29(02,50)	0.01
California	7.11	0.08	24(13,34)	1.31	New Jersey	6.83	0.15	35(15,45)	-2.69
Colorado	7.21	0.22	17(04,41)	2.77	New Mexico	7.74	0.35	05(01,37)	10.35
Connecticut	6.64	0.23	38(14,49)	-5.29	New York	7.13	0.11	21(10,35)	1.66
Delaware	7.01	0.47	30(02,50)	-0.12	North Carolina	6.66	0.15	37(22,48)	-5.11
D.C.	7.39	0.66	13(01,50)	5.36	North Dakota	5.60	0.52	50(18,51)	-20.12 <sup>c</sup>
Florida	6.53	0.10	42(31,48)	-6.88	Ohio	7.39	0.14	12(04,29)	5.36
Georgia	6.95	0.16	31(12,43)	-0.89	Oklahoma	7.73	0.26	06(01,30)	10.24
Hawaii	4.67	0.33	51(49,51)	-33.47 <sup>c</sup>	Oregon	8.58	0.26	01(01,07)	22.32 <sup>c</sup>
Idaho	8.29	0.42	02(01,26)	18.14 <sup>c</sup>	Pennsylvania	7.48	0.13	10(04,25)	6.67
Illinois	7.23	0.14	16(06,35)	3.11	Rhode Island	6.46	0.42	43(06,50)	-7.93
Indiana	7.26	0.19	15(05,38)	3.48	South Carolina	6.56	0.21	40(20,49)	-6.48
Iowa	7.16	0.27	20(04,45)	2.02	South Dakota	6.44	0.50	44(03,50)	-8.27
Kansas	6.86	0.28	33(06,49)	-2.27	Tennessee	7.48	0.19	09(03,31)	6.68
Kentucky	6.85	0.22	34(09,48)	-2.35	Texas	6.29	0.10	47(38,50)	-10.31
Louisiana	6.28	0.21	49(29,50)	-10.49	Utah	7.74	0.35	04(01,36)	10.37
Maine	6.31	0.36	46(10,50)	-10.10	Vermont	7.02	0.58	28(01,50)	0.02
Maryland	6.92	0.19	32(09,45)	-1.38	Virginia	7.08	0.17	27(08,40)	0.97
Massachusetts	7.10	0.18	26(07,40)	1.15	Washington	7.93	0.20	03(01,16)	13.01
Michigan	7.67	0.16	07(02,22)	9.33	West Virginia	7.13	0.33	23(03,48)	1.61
Minnesota	6.59	0.20	39(18,49)	-6.04	Wisconsin	7.10	0.20	25(06,42)	1.16
Mississippi	6.29	0.26	48(24,50)	-10.38	Wyoming	7.52	0.69	08(01,50)	7.11
Missouri	6.55	0.18	41(21,49)	-6.64					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

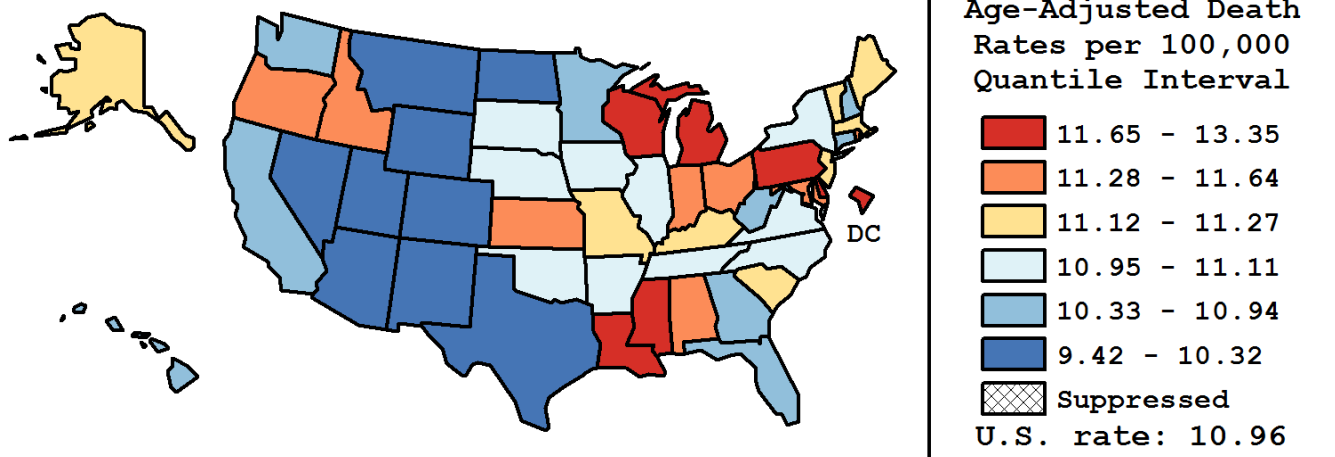
Table 22.18  
Cancer of the Pancreas (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	10.96	0.02		
High Five States				
D.C.	13.35	0.66	01(01,14)	21.81 <sup>c</sup>
Mississippi	13.16	0.28	02(01,04)	20.04 <sup>c</sup>
Louisiana	12.91	0.23	03(01,04)	17.76 <sup>c</sup>
Michigan	11.93	0.14	04(03,13)	8.88
Pennsylvania	11.82	0.12	05(03,14)	7.83
Low Five States				
Wyoming	9.90	0.56	47(09,51)	-9.69
North Dakota	9.84	0.49	48(15,51)	-10.25
Utah	9.79	0.29	49(36,51)	-10.70
New Mexico	9.64	0.28	50(40,51)	-12.04
Colorado	9.42	0.19	51(46,51)	-14.03

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	11.52	0.20	10(04,31)	5.14	Montana	10.17	0.40	46(14,51)	-7.24
Alaska	11.12	0.66	22(02,51)	1.50	Nebraska	10.95	0.32	33(05,48)	-0.09
Arizona	10.32	0.16	43(32,49)	-5.84	Nevada	10.22	0.26	45(26,51)	-6.78
Arkansas	10.96	0.25	32(07,45)	0.00	New Hampshire	10.63	0.36	40(07,50)	-3.01
California	10.35	0.07	42(37,47)	-5.60	New Jersey	11.14	0.15	20(10,37)	1.61
Colorado	9.42	0.19	51(46,51)	-14.03	New Mexico	9.64	0.28	50(40,51)	-12.04
Connecticut	10.66	0.22	38(15,48)	-2.69	New York	11.11	0.10	25(12,35)	1.35
Delaware	11.75	0.45	06(02,42)	7.23	North Carolina	11.02	0.14	28(12,39)	0.50
D.C.	13.35	0.66	01(01,14)	21.81 <sup>c</sup>	North Dakota	9.84	0.49	48(15,51)	-10.25
Florida	10.44	0.09	41(34,47)	-4.73	Ohio	11.64	0.13	08(04,19)	6.20
Georgia	10.71	0.15	37(20,45)	-2.26	Oklahoma	10.98	0.23	31(09,44)	0.17
Hawaii	10.94	0.36	34(04,48)	-0.15	Oregon	11.36	0.22	12(04,37)	3.69
Idaho	11.28	0.36	15(04,45)	2.91	Pennsylvania	11.82	0.12	05(03,14)	7.83
Illinois	11.03	0.12	27(13,38)	0.63	Rhode Island	11.36	0.42	13(03,46)	3.64
Indiana	11.34	0.18	14(05,34)	3.45	South Carolina	11.27	0.20	16(05,38)	2.84
Iowa	11.10	0.24	26(06,42)	1.31	South Dakota	11.01	0.47	29(04,49)	0.47
Kansas	11.41	0.27	11(04,38)	4.09	Tennessee	11.11	0.17	24(09,39)	1.40
Kentucky	11.26	0.21	17(05,39)	2.75	Texas	10.24	0.09	44(38,49)	-6.60
Louisiana	12.91	0.23	03(01,04)	17.76 <sup>c</sup>	Utah	9.79	0.29	49(36,51)	-10.70
Maine	11.19	0.35	18(04,46)	2.13	Vermont	11.12	0.53	23(03,50)	1.42
Maryland	11.53	0.19	09(04,29)	5.16	Virginia	10.99	0.16	30(11,41)	0.25
Massachusetts	11.18	0.17	19(08,37)	2.02	Washington	10.71	0.17	36(18,46)	-2.24
Michigan	11.93	0.14	04(03,13)	8.88	West Virginia	10.66	0.30	39(10,49)	-2.74
Minnesota	10.78	0.19	35(15,45)	-1.65	Wisconsin	11.72	0.19	07(03,23)	6.97
Mississippi	13.16	0.28	02(01,04)	20.04 <sup>c</sup>	Wyoming	9.90	0.56	47(09,51)	-9.69
Missouri	11.14	0.18	21(07,39)	1.60					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

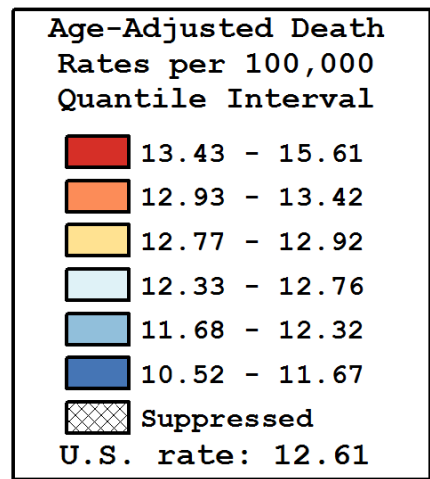
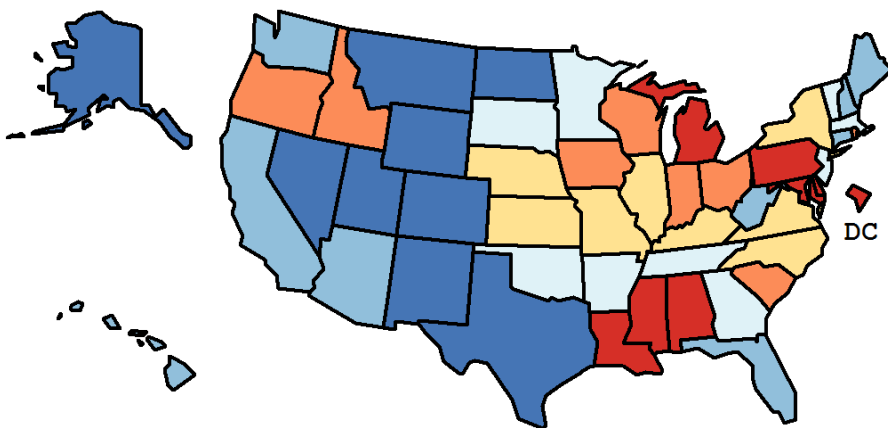
Table 22.19  
Cancer of the Pancreas (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	12.61	0.04		
High Five States				
Mississippi	15.61	0.48	01(01,05)	23.77 <sup>c</sup>
D.C.	15.41	1.10	02(01,34)	22.16 <sup>c</sup>
Louisiana	15.07	0.38	03(01,05)	19.49 <sup>c</sup>
Delaware	14.16	0.75	04(01,38)	12.30 <sup>c</sup>
Pennsylvania	13.85	0.20	05(03,14)	9.83
Low Five States				
Montana	10.95	0.61	47(21,51)	-13.16 <sup>c</sup>
New Mexico	10.90	0.45	48(33,51)	-13.53 <sup>c</sup>
Utah	10.90	0.45	49(31,51)	-13.56 <sup>c</sup>
Colorado	10.82	0.31	50(40,51)	-14.22 <sup>c</sup>
Wyoming	10.52	0.84	51(14,51)	-16.56 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	13.47	0.33	08(03,32)	6.83	Montana	10.95	0.61	47(21,51)	-13.16 <sup>c</sup>
Alaska	11.14	0.97	46(04,51)	-11.62 <sup>c</sup>	Nebraska	12.87	0.53	19(03,46)	2.05
Arizona	11.90	0.25	40(24,47)	-5.67	Nevada	11.44	0.41	44(24,51)	-9.26
Arkansas	12.41	0.40	33(08,46)	-1.60	New Hampshire	12.32	0.58	34(04,50)	-2.32
California	11.77	0.12	42(34,46)	-6.68	New Jersey	12.51	0.24	31(12,41)	-0.78
Colorado	10.82	0.31	50(40,51)	-14.22 <sup>c</sup>	New Mexico	10.90	0.45	48(33,51)	-13.53 <sup>c</sup>
Connecticut	11.93	0.36	39(16,48)	-5.39	New York	12.79	0.16	22(11,34)	1.41
Delaware	14.16	0.75	04(01,38)	12.30 <sup>c</sup>	North Carolina	12.91	0.23	18(07,36)	2.37
D.C.	15.41	1.10	02(01,34)	22.16 <sup>c</sup>	North Dakota	11.30	0.78	45(07,51)	-10.38 <sup>c</sup>
Florida	12.23	0.14	37(25,42)	-3.03	Ohio	13.20	0.21	13(05,30)	4.68
Georgia	12.72	0.25	27(09,39)	0.87	Oklahoma	12.54	0.36	30(08,46)	-0.59
Hawaii	12.24	0.56	36(05,50)	-2.94	Oregon	13.29	0.35	12(03,36)	5.35
Idaho	13.02	0.56	15(03,45)	3.28	Pennsylvania	13.85	0.20	05(03,14)	9.83
Illinois	12.92	0.21	17(07,35)	2.45	Rhode Island	13.35	0.70	11(01,45)	5.85
Indiana	13.37	0.29	10(03,30)	6.04	South Carolina	13.08	0.33	14(04,37)	3.75
Iowa	12.97	0.39	16(04,41)	2.84	South Dakota	12.42	0.74	32(03,51)	-1.49
Kansas	12.83	0.42	21(04,44)	1.76	Tennessee	12.76	0.28	25(07,40)	1.15
Kentucky	12.78	0.34	23(05,42)	1.35	Texas	11.67	0.15	43(35,48)	-7.43
Louisiana	15.07	0.38	03(01,05)	19.49 <sup>c</sup>	Utah	10.90	0.45	49(31,51)	-13.56 <sup>c</sup>
Maine	11.85	0.54	41(08,51)	-6.07	Vermont	12.54	0.85	29(02,51)	-0.52
Maryland	13.57	0.31	06(03,27)	7.63	Virginia	12.77	0.26	24(08,39)	1.25
Massachusetts	12.75	0.27	26(07,39)	1.09	Washington	12.29	0.27	35(15,45)	-2.52
Michigan	13.50	0.23	07(04,23)	7.05	West Virginia	12.04	0.47	38(08,50)	-4.50
Minnesota	12.57	0.30	28(08,43)	-0.35	Wisconsin	13.42	0.30	09(03,31)	6.45
Mississippi	15.61	0.48	01(01,05)	23.77 <sup>c</sup>	Wyoming	10.52	0.84	51(14,51)	-16.56 <sup>c</sup>
Missouri	12.84	0.29	20(06,39)	1.82					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

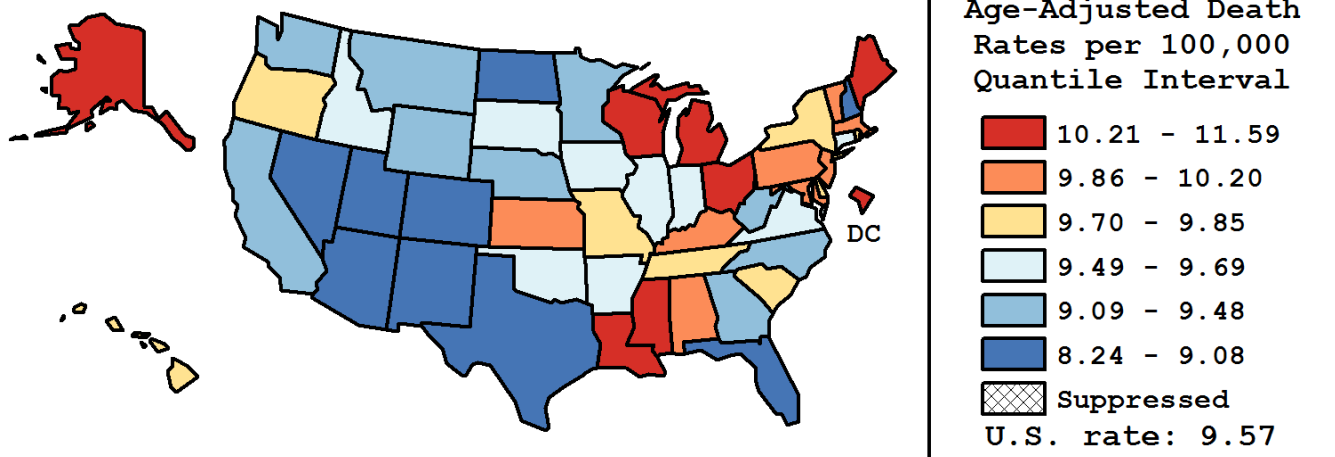
Table 22.20  
Cancer of the Pancreas (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	9.57	0.03		
High Five States				
D.C.	11.59	0.81	01(01,39)	21.08 <sup>c</sup>
Mississippi	11.23	0.35	02(01,11)	17.30 <sup>c</sup>
Louisiana	11.13	0.28	03(01,10)	16.27 <sup>c</sup>
Alaska	11.07	0.89	04(01,49)	15.67 <sup>c</sup>
Maine	10.67	0.46	05(01,35)	11.48
Low Five States				
Arizona	8.89	0.20	47(29,51)	-7.14
Utah	8.76	0.37	48(17,51)	-8.49
New Mexico	8.52	0.36	49(26,51)	-10.99
North Dakota	8.45	0.61	50(07,51)	-11.73
Colorado	8.24	0.24	51(44,51)	-13.91

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	9.87	0.25	16(05,41)	3.12	Montana	9.38	0.53	37(03,51)	-2.06
Alaska	11.07	0.89	04(01,49)	15.67 <sup>c</sup>	Nebraska	9.33	0.40	38(06,51)	-2.53
Arizona	8.89	0.20	47(29,51)	-7.14	Nevada	9.08	0.34	43(10,51)	-5.19
Arkansas	9.63	0.31	27(05,48)	0.63	New Hampshire	9.01	0.45	44(08,51)	-5.89
California	9.16	0.09	41(31,47)	-4.34	New Jersey	10.04	0.18	11(05,32)	4.89
Colorado	8.24	0.24	51(44,51)	-13.91	New Mexico	8.52	0.36	49(26,51)	-10.99
Connecticut	9.60	0.28	29(07,47)	0.22	New York	9.77	0.12	20(10,35)	2.00
Delaware	9.73	0.55	22(02,51)	1.62	North Carolina	9.48	0.17	34(14,45)	-1.03
D.C.	11.59	0.81	01(01,39)	21.08 <sup>c</sup>	North Dakota	8.45	0.61	50(07,51)	-11.73
Florida	8.90	0.11	46(36,50)	-7.02	Ohio	10.34	0.16	07(03,20)	8.00
Georgia	9.11	0.18	42(25,49)	-4.87	Oklahoma	9.69	0.29	25(06,46)	1.24
Hawaii	9.85	0.46	17(02,49)	2.84	Oregon	9.78	0.28	19(05,45)	2.10
Idaho	9.60	0.46	28(03,50)	0.30	Pennsylvania	10.13	0.15	10(05,26)	5.86
Illinois	9.51	0.15	33(14,43)	-0.71	Rhode Island	9.79	0.52	18(02,50)	2.26
Indiana	9.69	0.22	26(08,42)	1.22	South Carolina	9.76	0.25	21(05,44)	1.94
Iowa	9.51	0.30	32(07,49)	-0.66	South Dakota	9.55	0.59	30(02,51)	-0.22
Kansas	10.20	0.34	09(02,39)	6.58	Tennessee	9.72	0.22	23(08,42)	1.57
Kentucky	9.95	0.27	13(04,40)	3.97	Texas	9.00	0.12	45(33,49)	-5.95
Louisiana	11.13	0.28	03(01,10)	16.27 <sup>c</sup>	Utah	8.76	0.37	48(17,51)	-8.49
Maine	10.67	0.46	05(01,35)	11.48	Vermont	9.92	0.68	14(01,51)	3.66
Maryland	9.97	0.23	12(04,37)	4.19	Virginia	9.52	0.20	31(11,45)	-0.61
Massachusetts	9.89	0.21	15(05,37)	3.27	Washington	9.39	0.21	36(13,48)	-1.91
Michigan	10.60	0.18	06(02,14)	10.72	West Virginia	9.40	0.38	35(06,50)	-1.85
Minnesota	9.24	0.24	39(16,49)	-3.46	Wisconsin	10.22	0.23	08(03,30)	6.80
Mississippi	11.23	0.35	02(01,11)	17.30 <sup>c</sup>	Wyoming	9.20	0.75	40(01,51)	-3.94
Missouri	9.71	0.22	24(08,42)	1.45					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

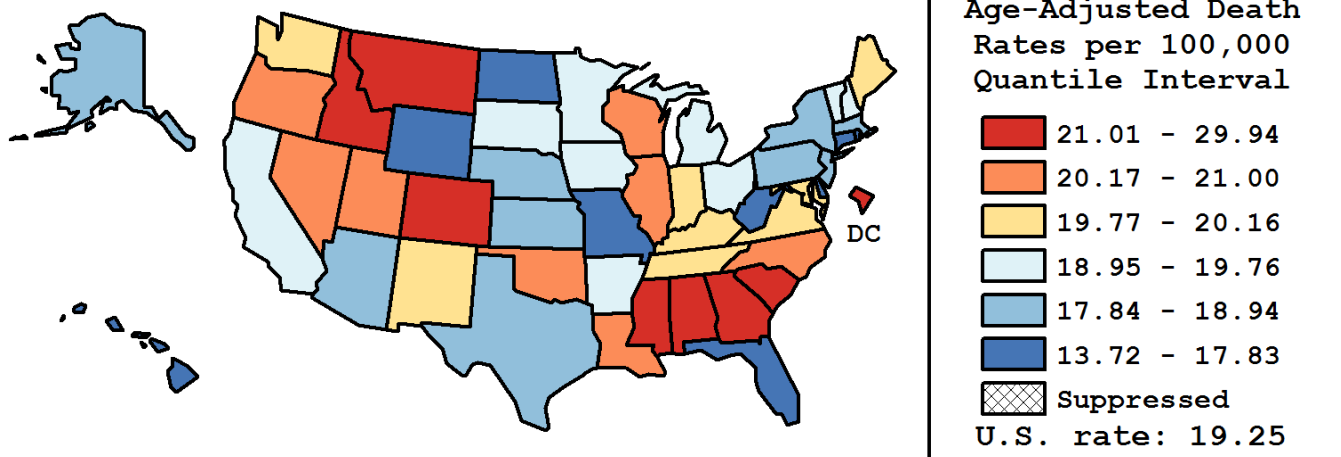
Table 23.14  
Cancer of the Prostate (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	19.25	0.05		
High Five States				
D.C.	29.94	1.61	01(01,02)	55.57 <sup>c</sup>
Mississippi	24.80	0.64	02(01,03)	28.88 <sup>c</sup>
Idaho	23.39	0.80	03(02,10)	21.54 <sup>c</sup>
Georgia	22.22	0.36	04(03,10)	15.45 <sup>c</sup>
South Carolina	22.20	0.46	05(03,12)	15.38 <sup>c</sup>
Low Five States				
Connecticut	17.45	0.44	47(34,50)	-9.30
West Virginia	17.35	0.59	48(30,50)	-9.84
Florida	16.79	0.16	49(44,50)	-12.76 <sup>c</sup>
Wyoming	16.57	1.13	50(20,51)	-13.89 <sup>c</sup>
Hawaii	13.72	0.60	51(50,51)	-28.71 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	21.74	0.46	06(03,16)	12.95 <sup>c</sup>	Montana	21.20	0.88	08(03,36)	10.15 <sup>c</sup>
Alaska	18.19	1.41	38(04,50)	-5.49	Nebraska	18.94	0.65	34(10,48)	-1.58
Arizona	17.89	0.32	42(33,49)	-7.07	Nevada	20.22	0.59	16(05,38)	5.04
Arkansas	19.37	0.53	29(10,44)	0.67	New Hampshire	19.20	0.77	31(08,49)	-0.25
California	19.76	0.16	25(16,31)	2.69	New Jersey	18.01	0.30	40(33,48)	-6.41
Colorado	21.55	0.46	07(03,19)	11.99 <sup>c</sup>	New Mexico	19.89	0.64	21(06,41)	3.37
Connecticut	17.45	0.44	47(34,50)	-9.30	New York	18.09	0.20	39(34,47)	-5.99
Delaware	17.48	0.87	46(19,50)	-9.19	North Carolina	20.31	0.31	14(08,30)	5.56
D.C.	29.94	1.61	01(01,02)	55.57 <sup>c</sup>	North Dakota	17.83	0.98	43(10,50)	-7.36
Florida	16.79	0.16	49(44,50)	-12.76 <sup>c</sup>	Ohio	19.02	0.26	32(23,39)	-1.15
Georgia	22.22	0.36	04(03,10)	15.45 <sup>c</sup>	Oklahoma	20.48	0.49	13(05,32)	6.40
Hawaii	13.72	0.60	51(50,51)	-28.71 <sup>c</sup>	Oregon	21.00	0.46	10(04,26)	9.12
Idaho	23.39	0.80	03(02,10)	21.54 <sup>c</sup>	Pennsylvania	18.92	0.23	35(25,40)	-1.70
Illinois	20.22	0.27	15(09,29)	5.07	Rhode Island	17.63	0.81	45(18,50)	-8.37
Indiana	19.95	0.37	20(09,35)	3.67	South Carolina	22.20	0.46	05(03,12)	15.38 <sup>c</sup>
Iowa	19.66	0.49	26(09,40)	2.15	South Dakota	19.63	0.96	28(04,48)	1.99
Kansas	18.42	0.52	37(19,49)	-4.28	Tennessee	19.84	0.38	24(10,36)	3.07
Kentucky	19.88	0.46	22(08,37)	3.28	Texas	17.89	0.20	41(36,48)	-7.03
Louisiana	21.00	0.47	09(04,28)	9.14	Utah	20.56	0.66	12(04,37)	6.83
Maine	20.13	0.74	19(05,41)	4.60	Vermont	19.36	1.10	30(04,50)	0.60
Maryland	20.16	0.40	17(08,33)	4.73	Virginia	19.87	0.34	23(10,34)	3.25
Massachusetts	18.58	0.34	36(25,46)	-3.43	Washington	20.13	0.36	18(08,32)	4.62
Michigan	19.00	0.28	33(22,40)	-1.28	West Virginia	17.35	0.59	48(30,50)	-9.84
Minnesota	19.63	0.39	27(11,38)	1.99	Wisconsin	20.74	0.39	11(06,27)	7.79
Mississippi	24.80	0.64	02(01,03)	28.88 <sup>c</sup>	Wyoming	16.57	1.13	50(20,51)	-13.89 <sup>c</sup>
Missouri	17.80	0.35	44(33,49)	-7.51					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 10% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



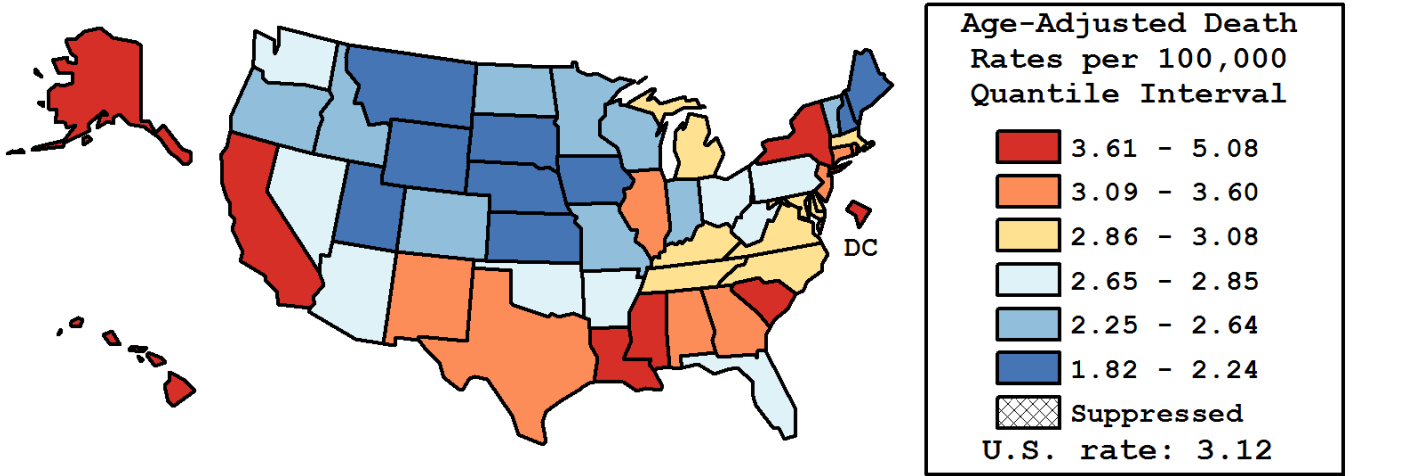
Table 24.18  
Cancer of the Stomach (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	3.12	0.01		
High Five States				
D.C.	5.08	0.41	01(01,05)	63.02 <sup>c</sup>
Alaska	4.66	0.42	02(01,11)	49.46 <sup>c</sup>
Hawaii	4.42	0.23	03(01,05)	41.63 <sup>c</sup>
California	4.00	0.05	04(02,05)	28.37 <sup>c</sup>
Mississippi	3.79	0.15	05(03,14)	21.66 <sup>c</sup>
Low Five States				
Montana	2.12	0.18	47(29,51)	-31.90 <sup>c</sup>
New Hampshire	2.09	0.16	48(36,51)	-33.14 <sup>c</sup>
Iowa	2.07	0.11	49(39,51)	-33.60 <sup>c</sup>
Nebraska	1.92	0.14	50(41,51)	-38.47 <sup>c</sup>
Wyoming	1.82	0.25	51(34,51)	-41.53 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	3.37	0.11	13(06,19)	7.99	Montana	2.12	0.18	47(29,51)	-31.90 <sup>c</sup>
Alaska	4.66	0.42	02(01,11)	49.46 <sup>c</sup>	Nebraska	1.92	0.14	50(41,51)	-38.47 <sup>c</sup>
Arizona	2.68	0.08	31(21,40)	-14.00	Nevada	2.73	0.14	29(16,42)	-12.42
Arkansas	2.85	0.13	25(15,39)	-8.66	New Hampshire	2.09	0.16	48(36,51)	-33.14 <sup>c</sup>
California	4.00	0.05	04(02,05)	28.37 <sup>c</sup>	New Jersey	3.52	0.08	10(05,15)	12.72
Colorado	2.52	0.10	37(26,45)	-19.21 <sup>c</sup>	New Mexico	3.41	0.17	11(05,22)	9.45
Connecticut	3.16	0.12	16(09,26)	1.44	New York	3.69	0.06	06(05,11)	18.18 <sup>c</sup>
Delaware	2.97	0.23	20(07,43)	-4.92	North Carolina	2.94	0.07	21(15,30)	-5.59
D.C.	5.08	0.41	01(01,05)	63.02 <sup>c</sup>	North Dakota	2.34	0.25	42(17,51)	-24.99 <sup>c</sup>
Florida	2.75	0.05	28(22,36)	-11.72	Ohio	2.66	0.06	33(24,39)	-14.78
Georgia	3.33	0.08	15(09,19)	6.62	Oklahoma	2.71	0.11	30(18,41)	-13.17
Hawaii	4.42	0.23	03(01,05)	41.63 <sup>c</sup>	Oregon	2.63	0.11	35(20,42)	-15.64 <sup>c</sup>
Idaho	2.35	0.17	41(24,51)	-24.54 <sup>c</sup>	Pennsylvania	2.68	0.06	32(23,39)	-14.02
Illinois	3.40	0.07	12(08,17)	9.03	Rhode Island	3.33	0.23	14(04,32)	6.83
Indiana	2.64	0.09	34(22,41)	-15.43 <sup>c</sup>	South Carolina	3.61	0.12	08(04,15)	15.68 <sup>c</sup>
Iowa	2.07	0.11	49(39,51)	-33.60 <sup>c</sup>	South Dakota	2.20	0.22	44(24,51)	-29.47 <sup>c</sup>
Kansas	2.24	0.12	43(35,51)	-28.32 <sup>c</sup>	Tennessee	2.93	0.09	22(15,33)	-6.21
Kentucky	2.89	0.11	23(15,36)	-7.42	Texas	3.60	0.05	09(05,13)	15.31 <sup>c</sup>
Louisiana	3.65	0.12	07(04,15)	16.87 <sup>c</sup>	Utah	2.14	0.14	46(36,51)	-31.25 <sup>c</sup>
Maine	2.16	0.16	45(33,51)	-30.86 <sup>c</sup>	Vermont	2.38	0.25	39(16,51)	-23.63 <sup>c</sup>
Maryland	3.08	0.10	17(12,28)	-1.21	Virginia	2.97	0.08	19(15,30)	-4.86
Massachusetts	3.07	0.09	18(13,26)	-1.48	Washington	2.79	0.09	26(18,38)	-10.69
Michigan	2.86	0.07	24(17,34)	-8.23	West Virginia	2.78	0.15	27(15,42)	-10.88
Minnesota	2.37	0.09	40(33,47)	-23.91 <sup>c</sup>	Wisconsin	2.60	0.09	36(23,43)	-16.77 <sup>c</sup>
Mississippi	3.79	0.15	05(03,14)	21.66 <sup>c</sup>	Wyoming	1.82	0.25	51(34,51)	-41.53 <sup>c</sup>
Missouri	2.47	0.08	38(29,45)	-20.79 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

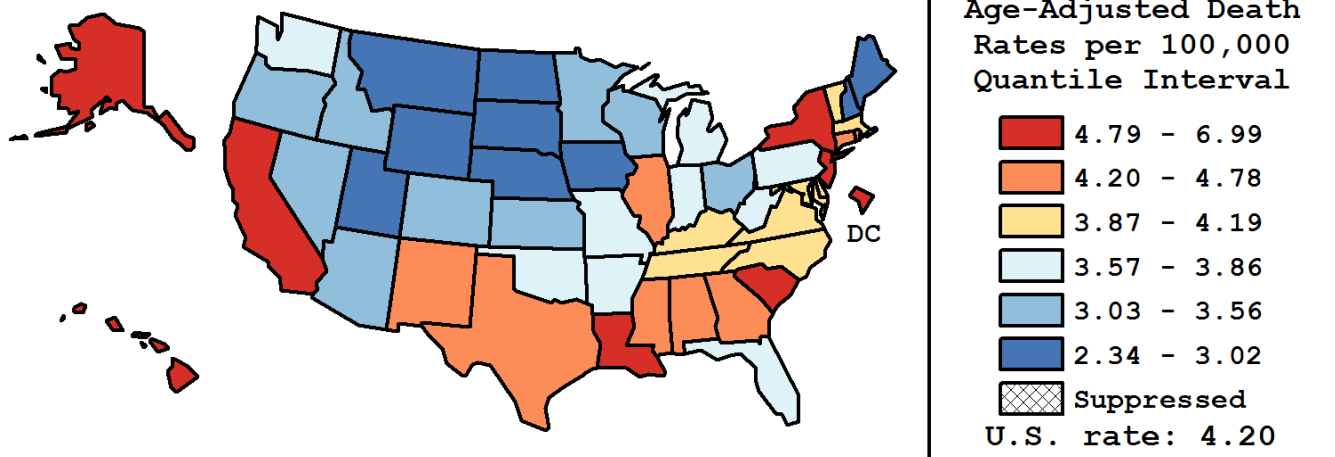
Table 24.19  
Cancer of the Stomach (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.20	0.02		
High Five States				
D.C.	6.99	0.75	01(01,08)	66.62 <sup>c</sup>
Alaska	5.86	0.68	02(01,24)	39.57 <sup>c</sup>
Hawaii	5.69	0.39	03(01,13)	35.63 <sup>c</sup>
California	5.19	0.08	04(02,09)	23.73 <sup>c</sup>
New York	5.15	0.10	05(02,10)	22.67 <sup>c</sup>
Low Five States				
Montana	2.64	0.30	47(31,51)	-37.03 <sup>c</sup>
Utah	2.62	0.22	48(39,51)	-37.60 <sup>c</sup>
Maine	2.58	0.25	49(39,51)	-38.42 <sup>c</sup>
South Dakota	2.47	0.33	50(31,51)	-41.14 <sup>c</sup>
Wyoming	2.34	0.42	51(30,51)	-44.21 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.66	0.20	11(04,20)	11.10	Montana	2.64	0.30	47(31,51)	-37.03 <sup>c</sup>
Alaska	5.86	0.68	02(01,24)	39.57 <sup>c</sup>	Nebraska	2.93	0.25	45(28,51)	-30.14 <sup>c</sup>
Arizona	3.36	0.14	39(27,45)	-19.93 <sup>c</sup>	Nevada	3.44	0.23	38(18,47)	-17.99 <sup>c</sup>
Arkansas	3.69	0.22	30(15,44)	-12.20	New Hampshire	3.02	0.29	43(22,51)	-28.08 <sup>c</sup>
California	5.19	0.08	04(02,09)	23.73 <sup>c</sup>	New Jersey	4.98	0.15	07(03,14)	18.56 <sup>c</sup>
Colorado	3.45	0.17	37(22,45)	-17.77 <sup>c</sup>	New Mexico	4.24	0.29	16(05,37)	0.96
Connecticut	4.44	0.22	14(06,27)	5.78	New York	5.15	0.10	05(02,10)	22.67 <sup>c</sup>
Delaware	3.87	0.40	24(05,48)	-7.89	North Carolina	3.92	0.13	23(15,35)	-6.52
D.C.	6.99	0.75	01(01,08)	66.62 <sup>c</sup>	North Dakota	2.94	0.40	44(17,51)	-30.07 <sup>c</sup>
Florida	3.58	0.08	32(24,40)	-14.63	Ohio	3.56	0.11	34(23,42)	-15.11 <sup>c</sup>
Georgia	4.58	0.15	13(06,19)	9.00	Oklahoma	3.86	0.20	25(14,41)	-7.98
Hawaii	5.69	0.39	03(01,13)	35.63 <sup>c</sup>	Oregon	3.55	0.19	35(19,44)	-15.33 <sup>c</sup>
Idaho	3.25	0.29	41(18,50)	-22.51 <sup>c</sup>	Pennsylvania	3.79	0.10	27(18,37)	-9.67
Illinois	4.66	0.12	12(06,17)	10.96	Rhode Island	4.39	0.40	15(02,40)	4.55
Indiana	3.74	0.15	28(17,41)	-10.99	South Carolina	5.06	0.21	06(02,15)	20.61 <sup>c</sup>
Iowa	2.93	0.19	46(35,51)	-30.29 <sup>c</sup>	South Dakota	2.47	0.33	50(31,51)	-41.14 <sup>c</sup>
Kansas	3.13	0.21	42(27,50)	-25.44 <sup>c</sup>	Tennessee	4.05	0.16	21(13,34)	-3.51
Kentucky	4.00	0.19	22(12,38)	-4.77	Texas	4.78	0.09	10(06,15)	13.81
Louisiana	4.96	0.22	08(02,16)	18.28 <sup>c</sup>	Utah	2.62	0.22	48(39,51)	-37.60 <sup>c</sup>
Maine	2.58	0.25	49(39,51)	-38.42 <sup>c</sup>	Vermont	4.07	0.49	20(02,47)	-3.02
Maryland	4.19	0.18	17(10,31)	-0.15	Virginia	4.08	0.15	19(12,32)	-2.85
Massachusetts	4.16	0.16	18(12,30)	-0.91	Washington	3.68	0.15	31(18,42)	-12.23
Michigan	3.84	0.12	26(16,37)	-8.56	West Virginia	3.57	0.26	33(15,47)	-15.03 <sup>c</sup>
Minnesota	3.31	0.16	40(25,46)	-21.05 <sup>c</sup>	Wisconsin	3.46	0.15	36(23,45)	-17.45 <sup>c</sup>
Mississippi	4.78	0.26	09(02,21)	14.00	Wyoming	2.34	0.42	51(30,51)	-44.21 <sup>c</sup>
Missouri	3.70	0.16	29(17,42)	-11.90					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

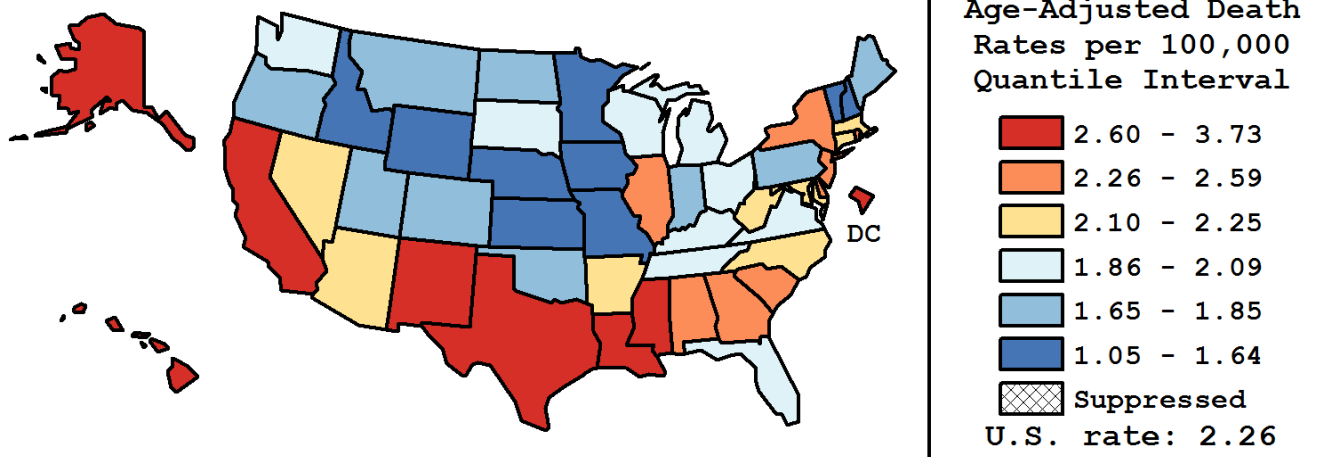
Table 24.20  
Cancer of the Stomach (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.26	0.02		
High Five States				
D.C.	3.73	0.47	01(01,12)	64.78 <sup>c</sup>
Hawaii	3.49	0.27	02(01,06)	54.09 <sup>c</sup>
Alaska	3.44	0.50	03(01,26)	52.00 <sup>c</sup>
California	3.07	0.05	04(02,06)	35.41 <sup>c</sup>
Mississippi	2.92	0.18	05(01,14)	28.93 <sup>c</sup>
Low Five States				
Wyoming	1.40	0.29	47(14,51)	-38.40 <sup>c</sup>
Iowa	1.39	0.12	48(38,51)	-38.42 <sup>c</sup>
New Hampshire	1.32	0.18	49(34,51)	-41.81 <sup>c</sup>
Nebraska	1.10	0.14	50(44,51)	-51.52 <sup>c</sup>
Vermont	1.05	0.21	51(37,51)	-53.42 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	2.40	0.13	14(06,29)	5.94	Montana	1.66	0.23	42(13,51)	-26.70 <sup>c</sup>
Alaska	3.44	0.50	03(01,26)	52.00 <sup>c</sup>	Nebraska	1.10	0.14	50(44,51)	-51.52 <sup>c</sup>
Arizona	2.10	0.10	24(12,37)	-7.23	Nevada	2.15	0.17	22(07,44)	-5.09
Arkansas	2.17	0.15	21(07,40)	-4.09	New Hampshire	1.32	0.18	49(34,51)	-41.81 <sup>c</sup>
California	3.07	0.05	04(02,06)	35.41 <sup>c</sup>	New Jersey	2.46	0.09	11(06,22)	8.48
Colorado	1.77	0.11	40(22,47)	-21.83 <sup>c</sup>	New Mexico	2.72	0.21	06(02,25)	19.93 <sup>c</sup>
Connecticut	2.18	0.14	19(07,38)	-3.75	New York	2.59	0.06	09(05,15)	14.31
Delaware	2.29	0.27	16(04,45)	1.11	North Carolina	2.17	0.08	20(12,34)	-4.03
D.C.	3.73	0.47	01(01,12)	64.78 <sup>c</sup>	North Dakota	1.82	0.30	36(06,51)	-19.66 <sup>c</sup>
Florida	2.06	0.05	27(18,35)	-9.23	Ohio	1.95	0.07	31(21,41)	-14.03
Georgia	2.36	0.09	15(07,27)	4.16	Oklahoma	1.78	0.13	37(21,48)	-21.23 <sup>c</sup>
Hawaii	3.49	0.27	02(01,06)	54.09 <sup>c</sup>	Oregon	1.85	0.13	34(18,46)	-18.16 <sup>c</sup>
Idaho	1.58	0.19	44(20,51)	-30.43 <sup>c</sup>	Pennsylvania	1.82	0.06	35(27,44)	-19.43 <sup>c</sup>
Illinois	2.43	0.08	12(07,22)	7.13	Rhode Island	2.57	0.27	10(02,37)	13.32
Indiana	1.78	0.10	39(24,46)	-21.35 <sup>c</sup>	South Carolina	2.42	0.13	13(05,28)	6.65
Iowa	1.39	0.12	48(38,51)	-38.42 <sup>c</sup>	South Dakota	1.88	0.28	33(06,51)	-16.94 <sup>c</sup>
Kansas	1.53	0.13	45(31,50)	-32.28 <sup>c</sup>	Tennessee	2.05	0.10	28(15,40)	-9.66
Kentucky	2.02	0.12	30(14,42)	-10.77	Texas	2.66	0.06	07(04,13)	17.38 <sup>c</sup>
Louisiana	2.60	0.14	08(04,21)	14.70	Utah	1.74	0.17	41(17,49)	-23.06 <sup>c</sup>
Maine	1.78	0.19	38(14,49)	-21.31 <sup>c</sup>	Vermont	1.05	0.21	51(37,51)	-53.42 <sup>c</sup>
Maryland	2.25	0.11	18(09,33)	-0.73	Virginia	2.08	0.09	26(14,38)	-8.26
Massachusetts	2.25	0.10	17(09,33)	-0.54	Washington	2.03	0.10	29(15,40)	-10.18
Michigan	2.09	0.08	25(14,37)	-7.57	West Virginia	2.11	0.18	23(07,44)	-6.75
Minnesota	1.64	0.10	43(31,48)	-27.68 <sup>c</sup>	Wisconsin	1.92	0.10	32(18,44)	-15.15 <sup>c</sup>
Mississippi	2.92	0.18	05(01,14)	28.93 <sup>c</sup>	Wyoming	1.40	0.29	47(14,51)	-38.40 <sup>c</sup>
Missouri	1.49	0.09	46(37,50)	-34.25 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

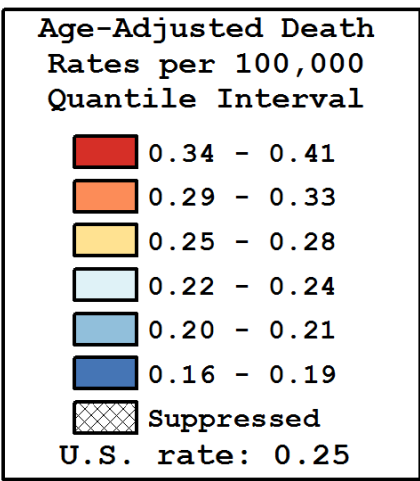
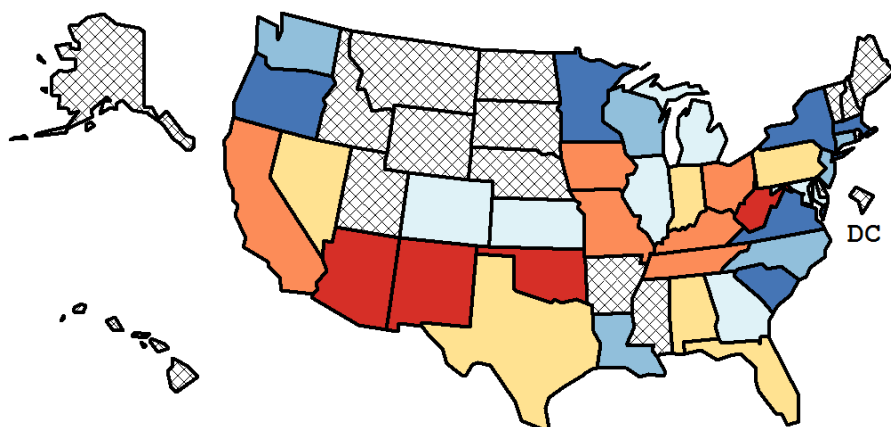
Table 25.14  
Cancer of the Testis (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.25	0.01		
High Five States				
New Mexico	0.41	0.09	01(01,29)	63.38 <sup>c</sup>
Arizona	0.39	0.05	02(01,14)	56.52 <sup>c</sup>
West Virginia	0.38	0.09	03(01,33)	50.41 <sup>c</sup>
Oklahoma	0.36	0.06	04(01,27)	41.04 <sup>c</sup>
Iowa	0.33	0.07	05(01,31)	31.13 <sup>c</sup>
Low Five States				
New York	0.19	0.02	30(15,34)	-24.87 <sup>c</sup>
Minnesota	0.18	0.04	31(09,34)	-28.37 <sup>c</sup>
Virginia	0.17	0.03	32(14,34)	-32.28 <sup>c</sup>
Massachusetts	0.16	0.03	33(13,34)	-34.73 <sup>c</sup>
Oregon	0.16	0.04	34(10,34)	-36.60 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.26	0.05	13(02,34)	2.24	Montana	-	-	-(-,-)	-
Alaska	-	-	-(-,-)	-	Nebraska	-	-	-(-,-)	-
Arizona	0.39	0.05	02(01,14)	56.52 <sup>c</sup>	Nevada	0.25	0.06	15(01,34)	0.76
Arkansas	-	-	-(-,-)	-	New Hampshire	-	-	-(-,-)	-
California	0.33	0.02	06(02,13)	29.75 <sup>c</sup>	New Jersey	0.20	0.03	26(09,34)	-19.07 <sup>c</sup>
Colorado	0.23	0.04	18(03,34)	-7.10	New Mexico	0.41	0.09	01(01,29)	63.38 <sup>c</sup>
Connecticut	0.21	0.05	23(03,34)	-15.59 <sup>c</sup>	New York	0.19	0.02	30(15,34)	-24.87 <sup>c</sup>
Delaware	-	-	-(-,-)	-	North Carolina	0.20	0.03	27(09,34)	-19.53 <sup>c</sup>
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.28	0.02	11(03,23)	12.48	Ohio	0.31	0.03	07(01,23)	22.19 <sup>c</sup>
Georgia	0.22	0.03	20(07,34)	-12.32	Oklahoma	0.36	0.06	04(01,27)	41.04 <sup>c</sup>
Hawaii	-	-	-(-,-)	-	Oregon	0.16	0.04	34(10,34)	-36.60 <sup>c</sup>
Idaho	-	-	-(-,-)	-	Pennsylvania	0.25	0.03	16(05,31)	-0.93
Illinois	0.22	0.03	21(08,33)	-12.45	Rhode Island	-	-	-(-,-)	-
Indiana	0.25	0.04	14(02,33)	0.90	South Carolina	0.19	0.04	29(07,34)	-24.83 <sup>c</sup>
Iowa	0.33	0.07	05(01,31)	31.13 <sup>c</sup>	South Dakota	-	-	-(-,-)	-
Kansas	0.23	0.06	19(02,34)	-9.16	Tennessee	0.30	0.05	08(01,29)	19.29 <sup>c</sup>
Kentucky	0.29	0.05	10(01,32)	14.24	Texas	0.27	0.02	12(05,23)	7.17
Louisiana	0.21	0.04	24(04,34)	-18.08 <sup>c</sup>	Utah	-	-	-(-,-)	-
Maine	-	-	-(-,-)	-	Vermont	-	-	-(-,-)	-
Maryland	0.22	0.04	22(05,34)	-13.34	Virginia	0.17	0.03	32(14,34)	-32.28 <sup>c</sup>
Massachusetts	0.16	0.03	33(13,34)	-34.73 <sup>c</sup>	Washington	0.20	0.03	25(07,34)	-19.06 <sup>c</sup>
Michigan	0.24	0.03	17(05,32)	-3.57	West Virginia	0.38	0.09	03(01,33)	50.41 <sup>c</sup>
Minnesota	0.18	0.04	31(09,34)	-28.37 <sup>c</sup>	Wisconsin	0.20	0.04	28(07,34)	-22.44 <sup>c</sup>
Mississippi	-	-	-(-,-)	-	Wyoming	-	-	-(-,-)	-
Missouri	0.30	0.05	09(01,29)	18.30 <sup>c</sup>					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

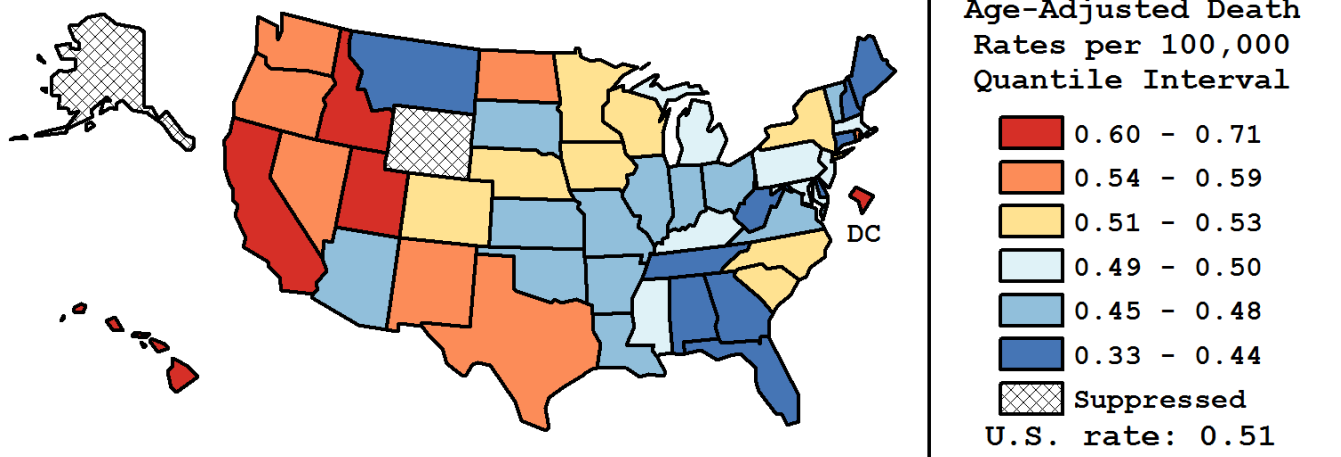
Table 26.18  
Cancer of the Thyroid (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.51	0.01		
High Five States				
D.C.	0.71	0.15	01(01,49)	39.11 <sup>c</sup>
Utah	0.65	0.08	02(01,39)	27.80 <sup>c</sup>
California	0.65	0.02	03(01,10)	26.78 <sup>c</sup>
Idaho	0.64	0.09	04(01,45)	26.29 <sup>c</sup>
Hawaii	0.60	0.08	05(01,47)	17.86 <sup>c</sup>
Low Five States				
West Virginia	0.42	0.06	45(06,49)	-17.86 <sup>c</sup>
Maine	0.42	0.07	46(04,49)	-18.22 <sup>c</sup>
Tennessee	0.40	0.03	47(22,49)	-20.78 <sup>c</sup>
Delaware	0.37	0.08	48(04,49)	-27.33 <sup>c</sup>
New Hampshire	0.33	0.07	49(12,49)	-34.25 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.43	0.04	42(11,49)	-15.25 <sup>c</sup>	Montana	0.44	0.08	40(01,49)	-12.71
Alaska	-	-	-(-,-)	-	Nebraska	0.52	0.07	17(01,49)	2.20
Arizona	0.46	0.03	37(10,48)	-8.76	Nevada	0.56	0.06	10(01,46)	10.48
Arkansas	0.48	0.05	32(04,49)	-5.48	New Hampshire	0.33	0.07	49(12,49)	-34.25 <sup>c</sup>
California	0.65	0.02	03(01,10)	26.78 <sup>c</sup>	New Jersey	0.49	0.03	27(08,46)	-4.64
Colorado	0.53	0.05	14(02,45)	3.78	New Mexico	0.59	0.07	07(01,46)	16.10 <sup>c</sup>
Connecticut	0.43	0.04	43(09,49)	-15.68 <sup>c</sup>	New York	0.53	0.02	15(06,35)	3.37
Delaware	0.37	0.08	48(04,49)	-27.33 <sup>c</sup>	North Carolina	0.52	0.03	18(05,42)	1.57
D.C.	0.71	0.15	01(01,49)	39.11 <sup>c</sup>	North Dakota	0.58	0.12	08(01,49)	13.75
Florida	0.44	0.02	41(23,47)	-13.16	Ohio	0.47	0.03	35(12,46)	-7.88
Georgia	0.42	0.03	44(18,49)	-16.73 <sup>c</sup>	Oklahoma	0.46	0.05	38(07,49)	-10.26
Hawaii	0.60	0.08	05(01,47)	17.86 <sup>c</sup>	Oregon	0.59	0.05	06(01,39)	16.53 <sup>c</sup>
Idaho	0.64	0.09	04(01,45)	26.29 <sup>c</sup>	Pennsylvania	0.50	0.02	21(08,42)	-1.75
Illinois	0.48	0.03	28(09,45)	-4.70	Rhode Island	0.57	0.10	09(01,49)	11.28
Indiana	0.48	0.04	34(07,47)	-6.26	South Carolina	0.51	0.04	19(03,46)	1.10
Iowa	0.51	0.05	20(02,48)	0.48	South Dakota	0.48	0.10	31(01,49)	-5.13
Kansas	0.48	0.05	33(04,49)	-5.56	Tennessee	0.40	0.03	47(22,49)	-20.78 <sup>c</sup>
Kentucky	0.50	0.04	23(04,47)	-2.49	Texas	0.54	0.02	12(05,32)	5.34
Louisiana	0.46	0.04	36(06,49)	-8.61	Utah	0.65	0.08	02(01,39)	27.80 <sup>c</sup>
Maine	0.42	0.07	46(04,49)	-18.22 <sup>c</sup>	Vermont	0.48	0.11	29(01,49)	-4.77
Maryland	0.50	0.04	24(05,47)	-2.50	Virginia	0.46	0.03	39(11,48)	-10.38
Massachusetts	0.50	0.04	22(06,46)	-2.33	Washington	0.56	0.04	11(02,38)	10.07
Michigan	0.49	0.03	25(07,45)	-2.76	West Virginia	0.42	0.06	45(06,49)	-17.86 <sup>c</sup>
Minnesota	0.52	0.04	16(03,45)	2.41	Wisconsin	0.53	0.04	13(03,43)	4.76
Mississippi	0.49	0.06	26(02,48)	-2.77	Wyoming	-	-	-(-,-)	-
Missouri	0.48	0.04	30(06,47)	-4.77					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

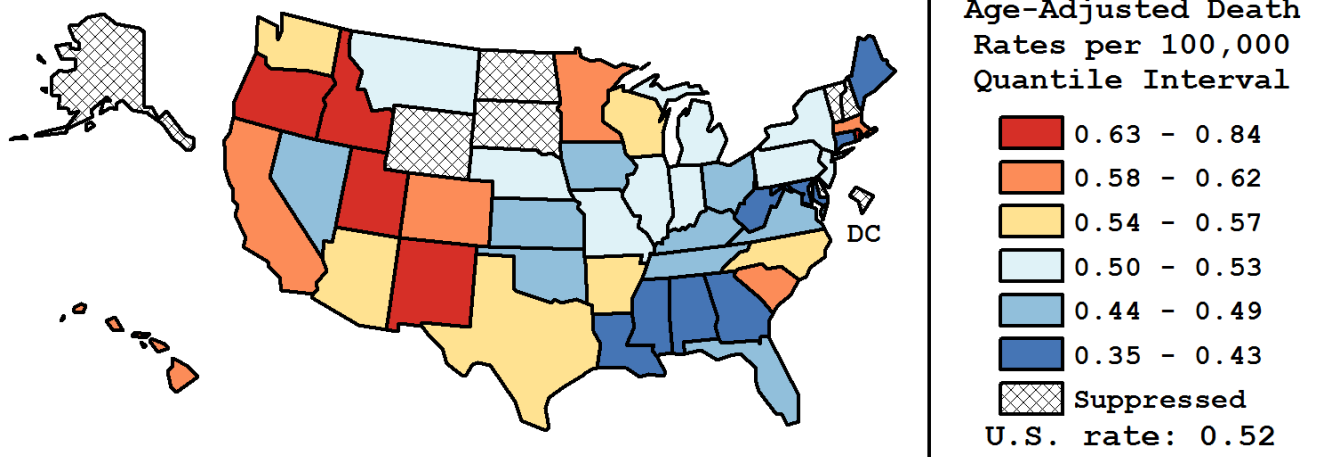
Table 26.19  
Cancer of the Thyroid (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.52	0.01		
High Five States				
Utah	0.84	0.13	01(01,31)	60.20 <sup>c</sup>
Rhode Island	0.76	0.17	02(01,42)	44.42 <sup>c</sup>
Idaho	0.72	0.13	03(01,41)	36.98 <sup>c</sup>
Oregon	0.69	0.08	04(01,31)	31.38 <sup>c</sup>
New Mexico	0.65	0.11	05(01,42)	23.97 <sup>c</sup>
Low Five States				
Mississippi	0.41	0.08	39(05,43)	-21.45 <sup>c</sup>
Alabama	0.41	0.06	40(11,43)	-21.67 <sup>c</sup>
Maine	0.40	0.10	41(03,43)	-22.67 <sup>c</sup>
Connecticut	0.39	0.06	42(10,43)	-24.65 <sup>c</sup>
West Virginia	0.35	0.09	43(08,43)	-32.39 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.41	0.06	40(11,43)	-21.67 <sup>c</sup>	Montana	0.53	0.13	18(01,43)	2.07
Alaska	-	-	-(-,-)	-	Nebraska	0.52	0.10	24(01,43)	-1.05
Arizona	0.57	0.06	12(02,38)	9.05	Nevada	0.49	0.08	27(02,43)	-6.06
Arkansas	0.54	0.09	16(02,43)	3.71	New Hampshire	-	-	-(-,-)	-
California	0.61	0.03	09(03,22)	15.83 <sup>c</sup>	New Jersey	0.53	0.05	21(04,40)	0.65
Colorado	0.62	0.08	06(01,38)	18.69 <sup>c</sup>	New Mexico	0.65	0.11	05(01,42)	23.97 <sup>c</sup>
Connecticut	0.39	0.06	42(10,43)	-24.65 <sup>c</sup>	New York	0.50	0.03	26(11,39)	-4.95
Delaware	-	-	-(-,-)	-	North Carolina	0.54	0.05	17(04,39)	2.59
D.C.	-	-	-(-,-)	-	North Dakota	-	-	-(-,-)	-
Florida	0.44	0.03	34(21,42)	-15.78 <sup>c</sup>	Ohio	0.48	0.04	32(09,41)	-8.81
Georgia	0.43	0.05	37(13,43)	-17.54 <sup>c</sup>	Oklahoma	0.44	0.07	35(06,43)	-16.85 <sup>c</sup>
Hawaii	0.62	0.13	08(01,43)	17.53 <sup>c</sup>	Oregon	0.69	0.08	04(01,31)	31.38 <sup>c</sup>
Idaho	0.72	0.13	03(01,41)	36.98 <sup>c</sup>	Pennsylvania	0.53	0.04	19(05,37)	1.74
Illinois	0.51	0.04	25(06,40)	-3.13	Rhode Island	0.76	0.17	02(01,42)	44.42 <sup>c</sup>
Indiana	0.52	0.06	23(03,41)	-0.40	South Carolina	0.58	0.07	11(02,40)	10.25
Iowa	0.49	0.08	29(03,43)	-6.44	South Dakota	-	-	-(-,-)	-
Kansas	0.45	0.08	33(04,43)	-14.14	Tennessee	0.48	0.06	30(05,43)	-8.16
Kentucky	0.49	0.07	28(04,43)	-6.40	Texas	0.56	0.03	14(04,31)	7.82
Louisiana	0.43	0.07	36(06,43)	-16.96 <sup>c</sup>	Utah	0.84	0.13	01(01,31)	60.20 <sup>c</sup>
Maine	0.40	0.10	41(03,43)	-22.67 <sup>c</sup>	Vermont	-	-	-(-,-)	-
Maryland	0.41	0.05	38(12,43)	-20.96 <sup>c</sup>	Virginia	0.48	0.05	31(06,42)	-8.66
Massachusetts	0.62	0.06	07(01,32)	18.62 <sup>c</sup>	Washington	0.55	0.06	15(03,40)	5.28
Michigan	0.53	0.05	22(04,40)	0.48	West Virginia	0.35	0.09	43(08,43)	-32.39 <sup>c</sup>
Minnesota	0.59	0.07	10(02,38)	13.11	Wisconsin	0.57	0.06	13(02,39)	7.98
Mississippi	0.41	0.08	39(05,43)	-21.45 <sup>c</sup>	Wyoming	-	-	-(-,-)	-
Missouri	0.53	0.06	20(03,41)	1.05					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.



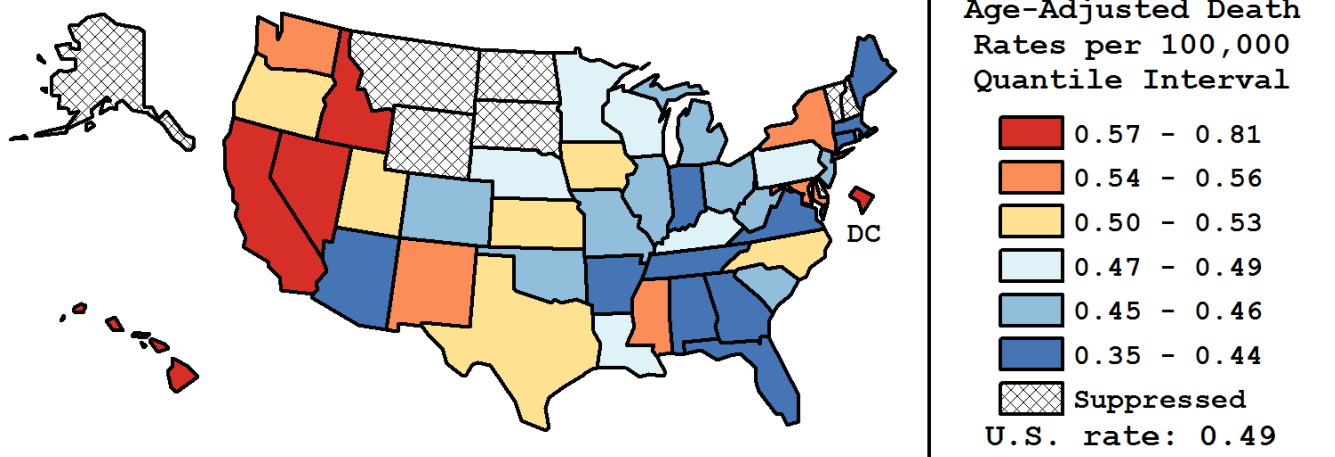
Table 26.20  
Cancer of the Thyroid (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	0.49	0.01		
High Five States				
D.C.	0.81	0.21	01(01,43)	63.33 <sup>c</sup>
California	0.67	0.02	02(01,07)	36.08 <sup>c</sup>
Nevada	0.60	0.09	03(01,40)	21.73 <sup>c</sup>
Hawaii	0.59	0.11	04(01,43)	19.32 <sup>c</sup>
Idaho	0.58	0.11	05(01,43)	16.72 <sup>c</sup>
Low Five States				
Georgia	0.41	0.04	39(12,43)	-16.55 <sup>c</sup>
Maine	0.41	0.09	40(02,43)	-17.42 <sup>c</sup>
Massachusetts	0.41	0.04	41(10,43)	-17.49 <sup>c</sup>
Arizona	0.38	0.04	42(16,43)	-23.59 <sup>c</sup>
Tennessee	0.35	0.04	43(23,43)	-29.72 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	0.44	0.05	37(05,43)	-11.58	Montana	-	-	-(-,-)	-
Alaska	-	-	-(-,-)	-	Nebraska	0.49	0.09	19(01,43)	-1.20
Arizona	0.38	0.04	42(16,43)	-23.59 <sup>c</sup>	Nevada	0.60	0.09	03(01,40)	21.73 <sup>c</sup>
Arkansas	0.43	0.07	38(04,43)	-13.42	New Hampshire	-	-	-(-,-)	-
California	0.67	0.02	02(01,07)	36.08 <sup>c</sup>	New Jersey	0.46	0.04	28(06,42)	-7.55
Colorado	0.46	0.06	26(04,43)	-7.06	New Mexico	0.54	0.09	10(01,43)	10.42
Connecticut	0.44	0.06	34(04,43)	-10.59	New York	0.54	0.03	09(03,27)	10.44
Delaware	-	-	-(-,-)	-	North Carolina	0.50	0.04	16(04,39)	1.81
D.C.	0.81	0.21	01(01,43)	63.33 <sup>c</sup>	North Dakota	-	-	-(-,-)	-
Florida	0.44	0.02	33(13,41)	-10.14	Ohio	0.46	0.03	27(07,41)	-7.41
Georgia	0.41	0.04	39(12,43)	-16.55 <sup>c</sup>	Oklahoma	0.46	0.06	24(03,43)	-6.87
Hawaii	0.59	0.11	04(01,43)	19.32 <sup>c</sup>	Oregon	0.50	0.06	15(02,43)	1.99
Idaho	0.58	0.11	05(01,43)	16.72 <sup>c</sup>	Pennsylvania	0.47	0.03	21(07,39)	-4.38
Illinois	0.46	0.03	25(07,41)	-6.93	Rhode Island	0.45	0.12	31(01,43)	-8.74
Indiana	0.44	0.05	36(06,43)	-11.09	South Carolina	0.45	0.05	30(04,43)	-8.57
Iowa	0.53	0.07	11(01,42)	6.95	South Dakota	-	-	-(-,-)	-
Kansas	0.51	0.08	13(01,43)	2.66	Tennessee	0.35	0.04	43(23,43)	-29.72 <sup>c</sup>
Kentucky	0.49	0.06	17(02,43)	-0.63	Texas	0.51	0.03	12(05,33)	2.99
Louisiana	0.48	0.06	20(02,43)	-2.01	Utah	0.50	0.09	14(01,43)	2.28
Maine	0.41	0.09	40(02,43)	-17.42 <sup>c</sup>	Vermont	-	-	-(-,-)	-
Maryland	0.55	0.06	07(01,37)	11.92	Virginia	0.44	0.04	35(07,43)	-10.83
Massachusetts	0.41	0.04	41(10,43)	-17.49 <sup>c</sup>	Washington	0.56	0.05	06(01,35)	13.84
Michigan	0.46	0.04	23(05,41)	-5.82	West Virginia	0.45	0.08	29(02,43)	-7.83
Minnesota	0.47	0.05	22(04,43)	-5.45	Wisconsin	0.49	0.05	18(03,42)	-1.00
Mississippi	0.55	0.08	08(01,42)	11.71	Wyoming	-	-	-(-,-)	-
Missouri	0.45	0.05	32(05,43)	-9.53					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

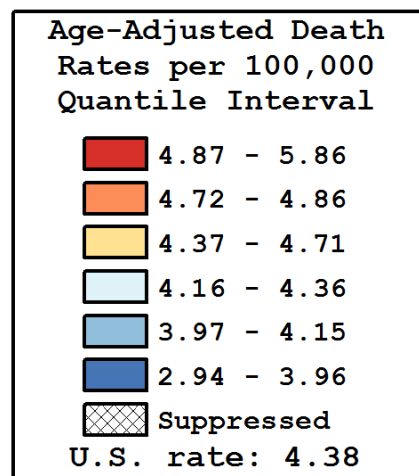
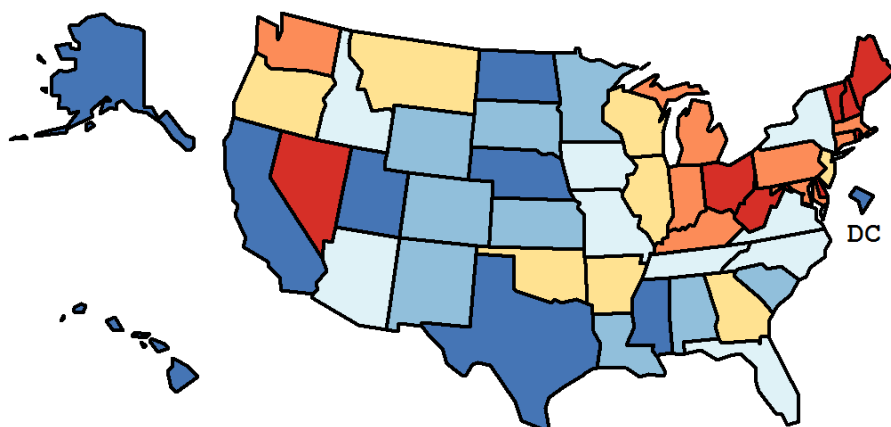
Table 27.18  
Cancer of the Urinary Bladder (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males and Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	4.38	0.02		
High Five States				
Vermont	5.86	0.39	01(01,14)	33.93 <sup>c</sup>
Maine	5.44	0.24	02(01,16)	24.40 <sup>c</sup>
New Hampshire	5.26	0.26	03(01,22)	20.10 <sup>c</sup>
Delaware	5.12	0.30	04(01,33)	17.04 <sup>c</sup>
Nevada	5.11	0.19	05(01,22)	16.71 <sup>c</sup>
Low Five States				
Alaska	3.78	0.40	47(06,51)	-13.62
Texas	3.76	0.06	48(41,50)	-14.09
Utah	3.45	0.18	49(39,51)	-21.11 <sup>c</sup>
North Dakota	3.44	0.29	50(26,51)	-21.46 <sup>c</sup>
Hawaii	2.94	0.18	51(48,51)	-32.85 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	4.14	0.12	35(22,47)	-5.41	Montana	4.60	0.27	21(02,45)	5.14
Alaska	3.78	0.40	47(06,51)	-13.62	Nebraska	3.94	0.19	44(22,50)	-9.93
Arizona	4.16	0.10	33(23,45)	-5.04	Nevada	5.11	0.19	05(01,22)	16.71 <sup>c</sup>
Arkansas	4.71	0.16	17(04,33)	7.53	New Hampshire	5.26	0.26	03(01,22)	20.10 <sup>c</sup>
California	3.96	0.05	43(35,47)	-9.54	New Jersey	4.69	0.09	18(06,26)	7.28
Colorado	4.06	0.13	37(24,48)	-7.28	New Mexico	4.13	0.19	36(16,49)	-5.74
Connecticut	4.80	0.15	10(03,26)	9.77	New York	4.27	0.06	31(23,39)	-2.49
Delaware	5.12	0.30	04(01,33)	17.04 <sup>c</sup>	North Carolina	4.27	0.09	30(21,42)	-2.46
D.C.	3.82	0.35	46(07,51)	-12.73	North Dakota	3.44	0.29	50(26,51)	-21.46 <sup>c</sup>
Florida	4.35	0.05	28(21,37)	-0.70	Ohio	5.05	0.09	07(02,13)	15.45 <sup>c</sup>
Georgia	4.65	0.10	20(07,28)	6.16	Oklahoma	4.69	0.15	19(04,32)	7.23
Hawaii	2.94	0.18	51(48,51)	-32.85 <sup>c</sup>	Oregon	4.56	0.14	22(07,36)	4.18
Idaho	4.35	0.23	27(06,47)	-0.63	Pennsylvania	4.80	0.08	11(05,22)	9.60
Illinois	4.43	0.08	24(17,34)	1.33	Rhode Island	5.10	0.28	06(01,31)	16.58 <sup>c</sup>
Indiana	4.86	0.12	09(03,23)	11.00	South Carolina	4.15	0.12	34(21,47)	-5.26
Iowa	4.24	0.15	32(16,46)	-3.15	South Dakota	4.05	0.28	39(08,50)	-7.54
Kansas	4.05	0.16	38(22,49)	-7.46	Tennessee	4.36	0.11	25(15,40)	-0.47
Kentucky	4.75	0.14	15(03,28)	8.58	Texas	3.76	0.06	48(41,50)	-14.09
Louisiana	4.01	0.13	41(26,49)	-8.48	Utah	3.45	0.18	49(39,51)	-21.11 <sup>c</sup>
Maine	5.44	0.24	02(01,16)	24.40 <sup>c</sup>	Vermont	5.86	0.39	01(01,14)	33.93 <sup>c</sup>
Maryland	4.77	0.12	13(04,26)	8.92	Virginia	4.35	0.10	26(18,40)	-0.59
Massachusetts	4.73	0.11	16(05,25)	8.11	Washington	4.76	0.11	14(04,26)	8.83
Michigan	4.77	0.09	12(05,23)	9.04	West Virginia	4.87	0.20	08(02,31)	11.32
Minnesota	4.03	0.11	40(25,48)	-7.84	Wisconsin	4.52	0.11	23(09,35)	3.31
Mississippi	3.84	0.16	45(29,50)	-12.30	Wyoming	3.97	0.36	42(05,51)	-9.37
Missouri	4.28	0.11	29(19,43)	-2.25					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

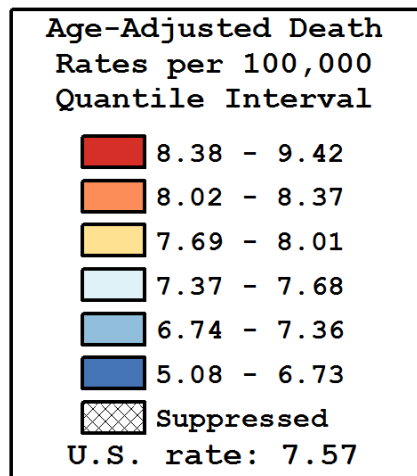
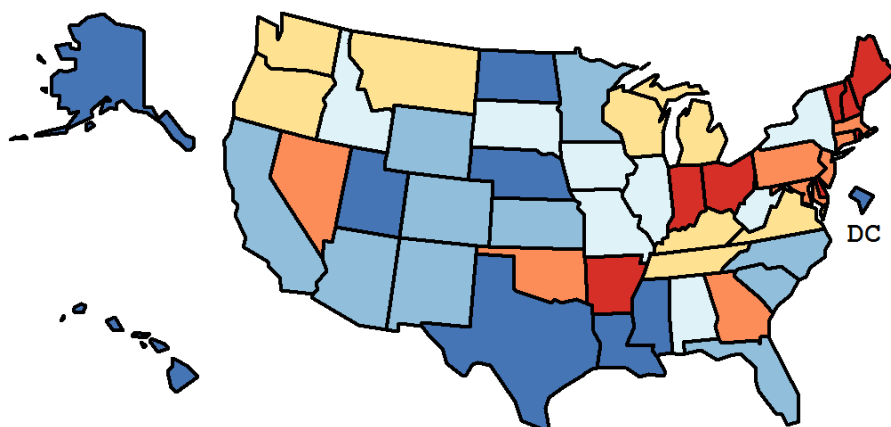
Table 27.19  
Cancer of the Urinary Bladder (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Males

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	7.57	0.03		
High Five States				
New Hampshire	9.42	0.53	01(01,21)	24.45 <sup>c</sup>
Vermont	9.39	0.76	02(01,34)	24.10 <sup>c</sup>
Maine	9.34	0.49	03(01,21)	23.37 <sup>c</sup>
Rhode Island	9.17	0.59	04(01,30)	21.20 <sup>c</sup>
Ohio	8.93	0.18	05(01,11)	18.04 <sup>c</sup>
Low Five States				
Utah	6.15	0.36	47(34,51)	-18.68 <sup>c</sup>
North Dakota	6.11	0.58	48(20,51)	-19.27 <sup>c</sup>
Alaska	5.28	0.73	49(22,51)	-30.18 <sup>c</sup>
D.C.	5.15	0.65	50(33,51)	-32.02 <sup>c</sup>
Hawaii	5.08	0.37	51(46,51)	-32.84 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	7.50	0.26	28(12,44)	-0.88	Montana	7.78	0.53	22(02,47)	2.76
Alaska	5.28	0.73	49(22,51)	-30.18 <sup>c</sup>	Nebraska	6.73	0.38	43(19,50)	-11.03
Arizona	7.07	0.20	38(24,46)	-6.57	Nevada	8.31	0.37	12(02,36)	9.79
Arkansas	8.45	0.35	07(01,30)	11.69	New Hampshire	9.42	0.53	01(01,21)	24.45 <sup>c</sup>
California	6.88	0.09	41(34,46)	-9.04	New Jersey	8.14	0.20	16(05,28)	7.58
Colorado	6.93	0.26	40(23,48)	-8.41	New Mexico	6.84	0.37	42(18,49)	-9.56
Connecticut	8.36	0.30	10(02,30)	10.50	New York	7.39	0.13	31(22,40)	-2.37
Delaware	8.65	0.61	06(01,40)	14.29	North Carolina	7.36	0.19	33(19,42)	-2.69
D.C.	5.15	0.65	50(33,51)	-32.02 <sup>c</sup>	North Dakota	6.11	0.58	48(20,51)	-19.27 <sup>c</sup>
Florida	7.36	0.11	34(24,40)	-2.81	Ohio	8.93	0.18	05(01,11)	18.04 <sup>c</sup>
Georgia	8.18	0.22	15(04,29)	8.12	Oklahoma	8.21	0.30	14(03,33)	8.51
Hawaii	5.08	0.37	51(46,51)	-32.84 <sup>c</sup>	Oregon	7.78	0.28	21(06,40)	2.76
Idaho	7.38	0.45	32(05,48)	-2.44	Pennsylvania	8.37	0.16	09(04,21)	10.63
Illinois	7.68	0.16	26(13,37)	1.43	Rhode Island	9.17	0.59	04(01,30)	21.20 <sup>c</sup>
Indiana	8.45	0.24	08(02,24)	11.64	South Carolina	7.08	0.26	37(21,47)	-6.48
Iowa	7.46	0.30	29(10,45)	-1.38	South Dakota	7.55	0.59	27(02,48)	-0.22
Kansas	7.20	0.32	35(13,47)	-4.92	Tennessee	7.72	0.23	23(08,39)	2.03
Kentucky	7.98	0.29	19(04,37)	5.50	Texas	6.58	0.12	45(38,48)	-13.05
Louisiana	6.70	0.26	44(28,49)	-11.46	Utah	6.15	0.36	47(34,51)	-18.68 <sup>c</sup>
Maine	9.34	0.49	03(01,21)	23.37 <sup>c</sup>	Vermont	9.39	0.76	02(01,34)	24.10 <sup>c</sup>
Maryland	8.31	0.26	11(03,28)	9.82	Virginia	7.69	0.21	24(10,38)	1.60
Massachusetts	8.25	0.23	13(04,28)	9.02	Washington	8.00	0.23	18(06,34)	5.67
Michigan	8.01	0.18	17(06,29)	5.87	West Virginia	7.68	0.39	25(05,45)	1.51
Minnesota	7.17	0.24	36(20,46)	-5.29	Wisconsin	7.97	0.24	20(06,34)	5.30
Mississippi	6.53	0.32	46(28,50)	-13.76	Wyoming	7.02	0.73	39(03,51)	-7.23
Missouri	7.41	0.23	30(15,43)	-2.14					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

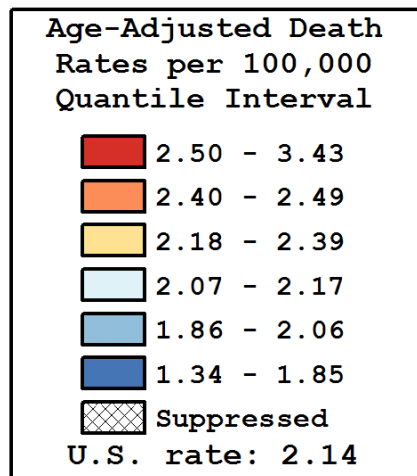
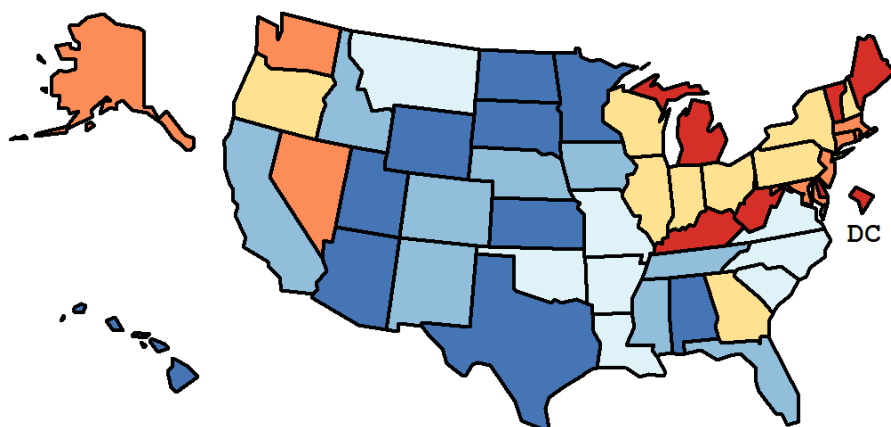
Table 27.20  
Cancer of the Urinary Bladder (Invasive)

Age-Adjusted Cancer Death<sup>a</sup> Rates By State, All Races, 2012-2016

Females

State	Rate	SE	Rank(CI) <sup>d</sup>	PD
TOTAL U.S.	2.14	0.01		
High Five States				
Vermont	3.43	0.41	01(01,23)	60.18 <sup>c</sup>
D.C.	2.97	0.41	02(01,42)	38.92 <sup>c</sup>
West Virginia	2.86	0.21	03(01,22)	33.61 <sup>c</sup>
Maine	2.65	0.23	04(01,36)	23.65 <sup>c</sup>
Delaware	2.64	0.29	05(01,43)	23.53 <sup>c</sup>
Low Five States				
South Dakota	1.56	0.24	47(19,51)	-27.14 <sup>c</sup>
Wyoming	1.52	0.30	48(08,51)	-29.02 <sup>c</sup>
North Dakota	1.40	0.25	49(23,51)	-34.54 <sup>c</sup>
Utah	1.37	0.15	50(41,51)	-35.88 <sup>c</sup>
Hawaii	1.34	0.16	51(41,51)	-37.37 <sup>c</sup>

State	Rate	SE	Rank(CI) <sup>d</sup>	PD	State	Rate	SE	Rank(CI) <sup>d</sup>	PD
Alabama	1.85	0.11	44(25,49)	-13.75	Montana	2.16	0.25	26(02,49)	1.14
Alaska	2.49	0.44	08(01,51)	16.23 <sup>c</sup>	Nebraska	1.98	0.18	38(06,49)	-7.67
Arizona	1.85	0.09	42(27,48)	-13.48	Nevada	2.46	0.18	10(02,39)	14.98
Arkansas	2.08	0.15	31(07,47)	-2.78	New Hampshire	2.29	0.23	20(02,47)	7.02
California	1.86	0.04	41(34,47)	-12.99	New Jersey	2.45	0.09	11(03,27)	14.43
Colorado	1.93	0.12	40(19,48)	-9.83	New Mexico	2.06	0.18	33(05,48)	-3.80
Connecticut	2.40	0.14	14(03,36)	12.35	New York	2.20	0.06	22(13,35)	3.00
Delaware	2.64	0.29	05(01,43)	23.53 <sup>c</sup>	North Carolina	2.17	0.08	25(10,39)	1.58
D.C.	2.97	0.41	02(01,42)	38.92 <sup>c</sup>	North Dakota	1.40	0.25	49(23,51)	-34.54 <sup>c</sup>
Florida	2.04	0.05	34(23,42)	-4.52	Ohio	2.38	0.08	18(05,28)	11.19
Georgia	2.32	0.09	19(05,34)	8.61	Oklahoma	2.13	0.13	29(07,46)	-0.62
Hawaii	1.34	0.16	51(41,51)	-37.37 <sup>c</sup>	Oregon	2.18	0.13	24(06,44)	1.69
Idaho	1.94	0.20	39(07,50)	-9.11	Pennsylvania	2.39	0.07	17(05,27)	11.51
Illinois	2.27	0.07	21(08,34)	5.94	Rhode Island	2.46	0.25	09(01,45)	14.99
Indiana	2.39	0.11	16(03,33)	11.52	South Carolina	2.13	0.12	28(09,45)	-0.62
Iowa	2.03	0.13	37(11,48)	-5.35	South Dakota	1.56	0.24	47(19,51)	-27.14 <sup>c</sup>
Kansas	1.80	0.14	45(20,50)	-16.02 <sup>c</sup>	Tennessee	2.04	0.10	35(16,46)	-4.82
Kentucky	2.55	0.13	06(02,29)	18.99 <sup>c</sup>	Texas	1.76	0.05	46(38,49)	-17.75 <sup>c</sup>
Louisiana	2.14	0.12	27(07,44)	0.03	Utah	1.37	0.15	50(41,51)	-35.88 <sup>c</sup>
Maine	2.65	0.23	04(01,36)	23.65 <sup>c</sup>	Vermont	3.43	0.41	01(01,23)	60.18 <sup>c</sup>
Maryland	2.40	0.11	15(03,34)	12.15	Virginia	2.07	0.09	32(15,45)	-3.10
Massachusetts	2.43	0.10	12(03,29)	13.52	Washington	2.41	0.11	13(03,31)	12.41
Michigan	2.52	0.09	07(03,22)	18.00 <sup>c</sup>	West Virginia	2.86	0.21	03(01,22)	33.61 <sup>c</sup>
Minnesota	1.85	0.10	43(24,49)	-13.56	Wisconsin	2.18	0.11	23(07,42)	1.85
Mississippi	2.03	0.15	36(08,48)	-5.03	Wyoming	1.52	0.30	48(08,51)	-29.02 <sup>c</sup>
Missouri	2.08	0.10	30(14,44)	-2.61					



<sup>a</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>b</sup> Difference between state rate and total U.S. rate is statistically significant ( $p < .0002$ ).

<sup>c</sup> Absolute percent difference between state rate and total U.S. rate is 15% or more.

<sup>d</sup> Rank of state level death rate and the 95% confidence intervals (low, high) for the rank.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

- Statistic not shown. Rate based on less than 16 cases for the time interval.