

Additional File

for

“Infoveillance of Infectious Diseases in USA: STDs, Tuberculosis, and Hepatitis”

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Tables S1&S2, S3&S4, and S5&S6 consist of the rankings and scorings of the 50 States (plus DC) by year from 2004 to 2017 for the terms ‘Chlamydia’, ‘Gonorrhea’, and ‘Syphilis’, respectively.

Table S1. Rankings and Scorings for the term ‘Chlamydia’ by State by year from 2004 to 2010.

2004	2005	2006	2007	2008	2009	2010
North Dakota (100)	Alaska (100)	Wyoming (100)	Arkansas (100)	West Virginia (100)	Alaska (100)	Louisiana (100)
Arkansas (96)	Mississippi (97)	Hawaii (93)	Alabama (96)	Wyoming (77)	Delaware (97)	South Dakota (87)
Mississippi (44)	West Virginia (94)	New Mexico (87)	South Carolina (92)	Mississippi (69)	New Hampshire (95)	North Carolina (87)
Rhode Island (42)	Arkansas (92)	Kentucky (81)	Louisiana (90)	South Carolina (68)	South Carolina (95)	Alabama (85)
Louisiana (41)	North Dakota (91)	Kansas (79)	West Virginia (87)	Delaware (68)	Alabama (89)	Vermont (83)
Oregon (34)	Iowa (91)	Maine (78)	Kentucky (86)	New Mexico (66)	Tennessee (88)	Mississippi (83)
Maryland (33)	South Dakota (80)	Louisiana (76)	Alaska (85)	Pennsylvania (64)	Iowa (87)	South Carolina (83)
Wyoming (33)	Montana (80)	Pennsylvania (75)	North Dakota (84)	Louisiana (64)	Indiana (86)	Indiana (79)
South Carolina (33)	Hawaii (77)	Iowa (74)	Kansas (83)	Vermont (63)	Mississippi (83)	Alaska (78)
Delaware (32)	South Carolina (71)	Indiana (72)	Mississippi (82)	Arkansas (63)	North Dakota (82)	Florida (77)
Washington (32)	Nebraska (71)	Oklahoma (68)	Connecticut (80)	Hawaii (62)	South Dakota (82)	Delaware (76)
Nevada (31)	Louisiana (67)	Mississippi (66)	Nebraska (77)	Kansas (61)	New Jersey (81)	Georgia (75)
New Mexico (31)	Connecticut(65)	Nebraska (66)	Iowa (77)	Rhode Island (61)	Louisiana (81)	Pennsylvania (74)
Pennsylvania (31)	New Hampshire (64)	Oregon (65)	Oklahoma (77)	Iowa (60)	Idaho (81)	Rhode Island (72)
Hawaii (31)	Missouri (64)	Michigan (63)	Arizona (76)	Georgia (59)	Rhode Island (81)	New Hampshire (72)
Missouri (28)	North Carolina (61)	New Jersey (62)	Wyoming (75)	Florida (59)	Georgia (79)	Nevada (72)
Minnesota (28)	Oregon (59)	Montana (62)	Hawaii (73)	Wisconsin (59)	Kentucky (78)	Kansas (71)
West Virginia (28)	Minnesota (59)	Vermont (62)	Georgia (73)	Oklahoma (58)	Arkansas (78)	New Mexico (71)
Ohio (28)	Kansas (58)	South Carolina (62)	Indiana (72)	New York (57)	Utah (78)	New York (69)
Indiana (27)	Wisconsin (58)	Maryland (61)	Oregon (72)	Maryland (56)	Texas (78)	Ohio (69)
South Dakota (26)	Indiana (57)	New York (61)	Wisconsin (71)	Kentucky (55)	Maryland (77)	Maryland (69)
Massachusetts (26)	Texas (55)	Virginia (1)	Michigan (71)	South Dakota (55)	Arizona (77)	Arizona (69)
New Jersey (26)	Florida (54)	Massachusetts (60)	Maryland (70)	North Carolina (55)	Massachusetts (77)	Tennessee (69)
Kansas (25)	Maine (54)	Ohio (60)	Florida (69)	Michigan (55)	Kansas (77)	Colorado (68)
Vermont (25)	Georgia (53)	Wisconsin (59)	Vermont (69)	Alabama (54)	Oregon (77)	Wisconsin (68)
Texas (25)	Alabama (52)	Georgia (58)	Pennsylvania (68)	Oregon (54)	North Carolina (77)	Iowa (67)
New York (25)	Pennsylvania (52)	Illinois (58)	Tennessee (68)	Indiana (54)	Ohio (76)	Michigan (66)
Georgia (24)	DC (52)	Texas (58)	Texas (68)	North Dakota (53)	Hawaii (75)	Nebraska (65)
New Hampshire (24)	New York (51)	New Hampshire (57)	New York (68)	Minnesota (53)	Florida (75)	Maine (65)
Michigan (24)	Tennessee (51)	Alabama (57)	Missouri (67)	Missouri (52)	Nebraska (75)	Texas (64)
California (24)	Illinois (49)	Florida (55)	Illinois (67)	Montana (49)	Pennsylvania (74)	Massachusetts (63)
Florida (23)	California (49)	North Carolina (55)	Ohio (66)	Tennessee (49)	Illinois (73)	Idaho (62)
Colorado (23)	Ohio (46)	Alaska (55)	Maine (66)	Maine (48)	Connecticut (72)	DC (62)
Wisconsin (23)	Arizona(46)	Tennessee (54)	Minnesota (64)	Washington (47)	New York (72)	Missouri (61)
Illinois (23)	Nevada (46)	Rhode Island (52)	North Carolina (63)	Texas (47)	Michigan (72)	New Jersey (61)
Connecticut (22)	New Mexico (45)	DC (51)	Montana (62)	New Jersey (46)	Missouri (72)	Kentucky (61)
Iowa (22)	Colorado (43)	California (50)	California (60)	Alaska (45)	Oklahoma (70)	Arkansas (60)
Virginia (22)	Michigan (42)	Utah (50)	Delaware (60)	Ohio (45)	New Mexico (69)	Illinois (60)
Nebraska (21)	Virginia (41)	Washington (49)	DC (57)	Nebraska (43)	West Virginia (67)	Washington (59)
Arizona (20)	New Jersey (40)	Arizona (49)	Massachusetts (55)	New Hampshire (43)	Montana (67)	Wyoming (57)
Oklahoma (20)	Massachusetts (40)	Minnesota (49)	Colorado (55)	DC (43)	Minnesota (66)	Oregon (57)
North Carolina (18)	Rhode Island (38)	Missouri (49)	New Jersey (54)	Massachusetts (43)	Wisconsin (66)	Minnesota (57)
Alaska (18)	Idaho (36)	Colorado (48)	Virginia (54)	California (41)	DC (66)	Hawaii (54)
DC (17)	Kentucky (36)	Idaho (48)	Idaho (53)	Virginia (40)	Washington (64)	Connecticut (54)
Utah (16)	Maryland (31)	South Dakota (48)	Utah (50)	Arizona (39)	Maine (60)	North Dakota (53)
Maine (15)	Oklahoma (29)	Connecticut (47)	New Mexico (49)	Utah (39)	Nevada (59)	Oklahoma (50)
Tennessee (14)	Washington (28)	Delaware (45)	Washington (46)	Connecticut (39)	Colorado (55)	Montana (49)
Idaho (14)	Delaware (27)	North Dakota (44)	Rhode Island (46)	Nevada (39)	Wyoming (50)	West Virginia (48)
Montana (11)	Utah (26)	West Virginia (43)	Nevada (42)	Illinois (37)	California (49)	Utah (45)
Alabama (6)	Wyoming (20)	Nevada (34)	New Hampshire (42)	Idaho (36)	Vermont (41)	Virginia (43)
Kentucky (4)	Vermont (20)	Arkansas (33)	South Dakota (40)	Colorado (33)	Virginia (41)	California (39)

Table S2. Rankings and Scorings for the term ‘Chlamydia’ by State by year from 2011 to 2017.

2011	2012	2013	2014	2015	2016	2017
Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)
Georgia (79)	Louisiana (97)	Louisiana (82)	Louisiana (86)	Louisiana (94)	Louisiana (88)	Louisiana (82)
Texas (76)	DC (93)	Georgia (75)	Georgia (86)	Georgia (93)	Arkansas (84)	Arkansas (78)
Wyoming (75)	Georgia (84)	Missouri (70)	Oklahoma (75)	DC (90)	DC (79)	South Carolina (75)
Alaska (73)	Texas (78)	Texas (69)	South Carolina (74)	South Carolina (90)	Georgia (78)	Georgia (74)
DC (72)	Illinois (77)	Alabama (68)	Wyoming (71)	Alaska (89)	Alabama (77)	Alabama (73)
Rhode Island (71)	Alabama (74)	DC (67)	Missouri (70)	South Dakota (87)	North Dakota (76)	Indiana (71)
Louisiana (70)	Alaska (72)	Kentucky (67)	Kentucky (70)	Michigan (84)	Michigan (75)	North Dakota (71)
New Mexico (66)	Michigan (70)	South Carolina (67)	Tennessee (70)	Montana (84)	South Carolina (71)	Tennessee (69)
Indiana (65)	West Virginia (69)	Tennessee (65)	Hawaii (69)	Texas (82)	New Mexico (70)	Delaware (67)
New York (64)	North Carolina (68)	Nevada (64)	DC (69)	Illinois (81)	North Carolina (69)	Oklahoma (66)
Montana (64)	Florida (66)	Illinois (64)	New Mexico (68)	Tennessee (80)	West Virginia (69)	New Mexico (66)
North Carolina (64)	New Mexico (66)	Oklahoma (64)	Texas (68)	Arkansas (80)	Texas (69)	North Carolina (66)
West Virginia (64)	Missouri (66)	Arkansas (63)	Kansas (67)	North Carolina (79)	Tennessee (68)	Kentucky (65)
Florida (64)	South Carolina (65)	Indiana (63)	North Carolina (66)	Alabama (77)	Indiana (67)	Missouri (65)
Illinois (62)	Montana (65)	Florida (63)	Nevada (66)	Rhode Island (77)	Missouri (66)	Texas (65)
Arizona (62)	Kentucky (64)	North Carolina (61)	Alaska (66)	Florida (76)	Illinois (65)	Nevada (64)
Nebraska (62)	Arizona (64)	Alaska (61)	Michigan (65)	Nebraska (74)	Arizona (65)	South Dakota (64)
South Carolina (62)	Ohio (64)	New Mexico (60)	Alabama (65)	Oklahoma (73)	South Dakota (65)	Arizona (63)
Maryland (61)	New York (63)	Arizona (60)	Illinois (64)	Missouri (72)	Kentucky (65)	Michigan (63)
North Dakota (61)	South Dakota (63)	Virginia (60)	Arkansas (64)	Hawaii (72)	Pennsylvania (64)	DC (63)
Michigan (61)	Indiana (62)	Michigan (59)	South Dakota (64)	Kentucky (71)	New York (64)	Rhode Island (62)
Hawaii (61)	North Dakota (62)	Kansas (59)	Florida (64)	New Mexico (71)	Nevada (63)	Alaska (62)
Pennsylvania (61)	Pennsylvania (62)	Pennsylvania (58)	West Virginia (62)	Iowa (70)	Oklahoma (63)	Ohio (61)
Ohio (60)	Maryland (62)	New York (58)	Pennsylvania (60)	New York (70)	Ohio (63)	Illinois (61)
Kansas (59)	Wisconsin (62)	Maryland (58)	New York (60)	Nevada (69)	Maryland (62)	Florida (60)
Tennessee (59)	Massachusetts (61)	Ohio (57)	Massachusetts (60)	Wyoming (69)	Delaware (62)	Maryland (60)
South Dakota (59)	Tennessee (61)	Minnesota (57)	Indiana (58)	Delaware (69)	Montana (62)	Pennsylvania (60)
Kentucky (58)	Nebraska (60)	Montana (57)	Colorado (58)	Arizona (68)	Wyoming (61)	West Virginia (60)
Missouri (58)	Maine (60)	Delaware (56)	Nebraska (57)	West Virginia (67)	Florida (61)	Hawaii (60)
Minnesota (56)	California (60)	Wyoming (56)	Wisconsin (57)	Colorado (67)	Nebraska (60)	New York (58)
Wisconsin (56)	Nevada (59)	Wisconsin (56)	North Dakota (56)	California (66)	Rhode Island (59)	Iowa (57)
California (55)	Minnesota (59)	Massachusetts (56)	Ohio (56)	Indiana (66)	Iowa (58)	Virginia (55)
Massachusetts (55)	Colorado (59)	North Dakota (55)	Arizona (56)	North Dakota (65)	Idaho (56)	Montana (55)
Colorado (55)	Kansas (58)	Nebraska (54)	Maryland (55)	Ohio (64)	Kansas (56)	Wyoming (54)
Arkansas (55)	Oklahoma (57)	Washington (54)	Iowa (55)	Pennsylvania (63)	California (56)	California (54)
Delaware (54)	New Jersey (56)	California (54)	California (55)	Wisconsin (63)	Maine (56)	Kansas (53)
Virginia (54)	Delaware (55)	New Jersey (54)	Washington (55)	Washington (62)	Washington (55)	New Jersey (53)
Maine (53)	Washington (55)	Iowa (53)	Rhode Island (53)	Massachusetts (61)	Virginia (55)	Nebraska (53)
Alabama (53)	Rhode Island (55)	Colorado (52)	Minnesota (52)	Maryland (60)	Colorado (55)	Maine (52)
Idaho (52)	Iowa (54)	Hawaii (52)	Delaware (51)	Idaho (60)	New Jersey (54)	Connecticut (51)
Iowa (51)	Arkansas (54)	West Virginia (51)	Virginia (50)	New Hampshire (58)	Massachusetts (54)	Idaho (51)
Washington (51)	Connecticut (52)	South Dakota (51)	Connecticut (47)	Connecticut (56)	Wisconsin (53)	Washington (50)
Oklahoma (51)	Wyoming (51)	Rhode Island (49)	Idaho (47)	Minnesota (54)	Vermont (53)	Massachusetts (49)
Nevada (50)	New Hampshire (51)	New Hampshire (48)	Montana (46)	New Jersey (53)	Alaska (53)	Oregon (49)
New Jersey (50)	Hawaii (49)	Connecticut (47)	New Jersey (46)	Utah (53)	Connecticut (53)	Wisconsin (48)
Connecticut (50)	Oregon (47)	Utah (45)	Vermont (44)	Kansas (52)	Hawaii (53)	Colorado (48)
Oregon (49)	Idaho (47)	Idaho (40)	Maine (43)	Maine (52)	Minnesota (52)	Vermont (47)
New Hampshire (47)	Vermont (46)	Maine (40)	Utah (42)	Oregon (49)	Oregon (52)	Minnesota (47)
Utah (45)	Virginia (46)	Vermont (39)	New Hampshire (40)	Vermont (46)	New Hampshire (44)	New Hampshire (45)
Vermont (42)	Utah (43)	Oregon (33)	Oregon (32)	Virginia (42)	Utah (43)	Utah (43)

Table S3. Rankings and Scorings for the term ‘Gonorrhoea’ by State by year from 2004 to 2010.

2004	2005	2006	2007	2008	2009	2010
South Dakota (100)	Mississippi (100)	Wyoming (100)	Iowa (100)	North Dakota (100)	West Virginia (100)	Mississippi (100)
South Carolina (100)	Alabama (70)	Rhode Island (62)	West Virginia (92)	Alabama (84)	Mississippi (99)	New Hampshire (90)
Hawaii (94)	Nebraska (65)	Mississippi (59)	Louisiana (82)	Delaware (83)	North Dakota (91)	South Carolina (85)
Mississippi (57)	Indiana (65)	New Mexico (46)	Alabama (79)	West Virginia (80)	New Mexico (75)	Kentucky (83)
Idaho (53)	South Carolina (64)	Louisiana (45)	South Carolina (76)	Montana (77)	South Carolina (71)	Alaska (78)
Georgia (52)	Iowa (64)	North Dakota (44)	Montana (74)	Vermont (76)	North Carolina (70)	Rhode Island (76)
Maine (52)	North Dakota (62)	Hawaii (44)	Mississippi (74)	Mississippi (74)	Oklahoma (68)	Louisiana (76)
Ohio (51)	West Virginia (60)	DC (42)	Maine (70)	South Carolina (73)	Alabama (68)	North Carolina (74)
Kentucky (50)	Alaska (58)	Ohio (39)	Nebraska (69)	New Mexico (72)	New Hampshire (65)	Delaware (72)
New Mexico (48)	Connecticut (56)	Nevada (38)	Alaska (68)	Kentucky (71)	Maryland (64)	Pennsylvania (72)
Arizona (44)	Rhode Island (55)	Illinois (38)	Pennsylvania (68)	Tennessee (67)	Pennsylvania (64)	Connecticut (68)
Connecticut (43)	Illinois (54)	Michigan (37)	Texas (67)	North Carolina (66)	Connecticut (63)	Tennessee (67)
Pennsylvania (41)	New York (53)	Idaho (35)	Wisconsin (65)	Florida (64)	Maine (63)	Florida (67)
Rhode Island (40)	Arkansas (53)	Pennsylvania (35)	Maryland (64)	Hawaii (64)	Texas (61)	West Virginia (66)
Florida (40)	Oregon (52)	Wisconsin (34)	Connecticut (63)	Michigan (64)	Vermont (60)	Indiana (65)
Virginia (39)	Pennsylvania (52)	Kentucky (33)	Indiana (63)	Arkansas (62)	New Jersey (60)	Alabama (65)
Louisiana (38)	Ohio (52)	Missouri (33)	Missouri (63)	Georgia (62)	Louisiana (59)	Georgia (64)
New Jersey (38)	Massachusetts (51)	Oregon (32)	Kansas (58)	Pennsylvania (61)	Indiana (58)	Michigan (63)
Alabama (37)	Georgia (49)	Texas (32)	Tennessee (58)	Texas (60)	Ohio (57)	South Dakota (62)
DC (37)	Minnesota (48)	Iowa (32)	Kentucky (58)	New York (60)	Florida (57)	Maryland (60)
Texas (37)	Maine (47)	Minnesota (31)	New Jersey (57)	Ohio (60)	New York (57)	Kansas (60)
North Carolina (36)	Idaho (47)	New Jersey (31)	Florida (56)	Maryland (60)	Wyoming (57)	New York (59)
Illinois (35)	Wisconsin (46)	Indiana (31)	Ohio (56)	Nebraska (59)	Hawaii (56)	Arkansas (59)
Oklahoma (34)	Michigan (46)	Georgia (31)	Georgia (55)	Kansas (58)	Georgia (55)	New Jersey (59)
Iowa (33)	Montana (45)	Alabama (30)	North Carolina (54)	Rhode Island (57)	Kentucky (55)	Texas (58)
Kansas (32)	Florida (44)	Washington (30)	Minnesota (53)	Indiana (56)	Delaware (54)	North Dakota (57)
Michigan (31)	Texas (43)	Oklahoma (29)	Virginia (52)	Louisiana (55)	Michigan (53)	Wyoming (57)
Massachusetts (31)	Maryland (41)	New Hampshire (29)	Arkansas (51)	New Jersey (53)	Missouri (53)	Ohio (56)
New York (31)	California (38)	Maryland (29)	New York (50)	Missouri (53)	Oregon (51)	Illinois (55)
Indiana (30)	Washington (37)	North Carolina (28)	North Dakota (50)	Wyoming (53)	Utah (50)	Iowa (54)
Colorado (29)	New Jersey (35)	New York (27)	New Mexico (49)	Iowa (53)	Wisconsin (49)	Hawaii (53)
Missouri (29)	Arizona (35)	Kansas (27)	Colorado (49)	Illinois (53)	Arkansas (49)	Missouri (53)
Maryland (28)	Tennessee (35)	Florida (27)	Oklahoma (49)	Maine (53)	Rhode Island (49)	Arizona (52)
Montana (28)	Wyoming (34)	Tennessee (27)	Washington (48)	Wisconsin (52)	Illinois (48)	Oklahoma (51)
Oregon (26)	Missouri (34)	Virginia (25)	Michigan (48)	Connecticut (48)	Massachusetts (48)	Maine (51)
New Hampshire (25)	Colorado (33)	California (24)	Illinois (48)	New Hampshire (48)	Idaho (46)	Wisconsin (50)
Minnesota (25)	North Carolina (33)	South Dakota (24)	Delaware (48)	Alaska (46)	Nebraska (46)	Massachusetts (50)
California (25)	Virginia (33)	Massachusetts (23)	Arizona (43)	Massachusetts (44)	South Dakota (45)	Utah (46)
West Virginia (24)	New Hampshire (30)	Maine (22)	DC (43)	South Dakota (44)	Iowa (45)	Washington (44)
Utah (4)	Oklahoma (28)	Connecticut (22)	California (42)	Minnesota (43)	Tennessee (44)	New Mexico (44)
Washington (23)	South Dakota (27)	West Virginia (22)	Nevada (42)	Utah (42)	DC (43)	DC (43)
Wisconsin (20)	DC (21)	Alaska (18)	Oregon (40)	Colorado (42)	Nevada (43)	Nebraska (42)
Tennessee (18)	Louisiana (20)	Nebraska (17)	Rhode Island (39)	DC (40)	Kansas (42)	Idaho (41)
Arkansas (15)	Utah (19)	Utah (17)	South Dakota (39)	Oregon (39)	Arizona (42)	Colorado (40)
Nevada (12)	Kansas (19)	Arizona (17)	Massachusetts (35)	Arizona (39)	Washington (40)	Minnesota (40)
Nebraska (11)	Kentucky (18)	Arkansas (17)	New Hampshire (33)	Virginia (38)	Alaska (40)	Nevada (39)
Alaska	Nevada (18)	Colorado (16)	Idaho (31)	California (37)	California (37)	Oregon (33)
Delaware	Vermont (17)	South Carolina (12)	Vermont (31)	Oklahoma (36)	Colorado (36)	Montana (29)
North Dakota	New Mexico (13)	Montana (10)	Utah (31)	Nevada (33)	Montana (33)	California (29)
Vermont	Delaware	Vermont (9)	Hawaii (29)	Washington (33)	Minnesota (31)	Vermont (28)
Wyoming	Hawaii	Delaware	Wyoming (20)	Idaho (23)	Virginia (26)	Virginia (28)

Table S4. Rankings and Scorings for the term ‘Gonorrhoea’ by State by year from 2011 to 2017.

2011	2012	2013	2014	2015	2016	2017
West Virginia (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)
Mississippi (86)	Louisiana (84)	Louisiana (93)	Louisiana (98)	Louisiana (81)	Louisiana (86)	Arkansas (82)
South Dakota (80)	Georgia (74)	Georgia (74)	Kentucky (89)	Georgia (78)	South Dakota (80)	DC (81)
Delaware (77)	Texas (70)	Texas (72)	South Carolina (83)	South Carolina (74)	Georgia (79)	Alabama (76)
Louisiana (77)	DC (70)	DDC (70)	Alaska (83)	Kentucky (73)	Alabama (79)	Louisiana (76)
Georgia (73)	Illinois (68)	New Mexico (69)	Georgia (82)	Michigan (71)	Arkansas (78)	Georgia (75)
Arkansas (70)	West Virginia (66)	Kentucky (67)	Oklahoma (81)	Texas (71)	DC (77)	South Carolina (74)
South Carolina (70)	North Dakota (66)	Oklahoma (67)	DC (77)	West Virginia (70)	South Carolina (76)	West Virginia (72)
Texas (65)	Indiana (65)	Tennessee (66)	Texas (74)	Missouri (70)	Indiana (75)	Alaska (71)
Alabama (65)	Pennsylvania (63)	Florida (64)	Alabama (74)	Oklahoma (70)	Texas (74)	Tennessee (70)
Wyoming (65)	Missouri (62)	Illinois (63)	Indiana (73)	Alabama (69)	North Carolina (73)	New Mexico (66)
Maine (65)	Oklahoma (62)	Kansas (63)	Tennessee (73)	Wyoming (67)	West Virginia (73)	Illinois (66)
Kentucky (63)	Florida (62)	Pennsylvania (62)	Missouri (73)	Tennessee (67)	New Mexico (72)	Kentucky (66)
Pennsylvania (63)	Michigan (62)	Hawaii (61)	West Virginia (72)	North Carolina (66)	Nevada (69)	Maryland (65)
Florida (62)	Massachusetts (60)	New York (61)	Maine (72)	DC (66)	Maryland (69)	Florida (64)
Indiana (62)	Kentucky (60)	Rhode Island (61)	Nebraska (72)	Arkansas (63)	Tennessee (69)	Missouri (64)
Kansas (61)	Iowa (60)	Missouri (60)	Michigan (70)	Florida (63)	New York (68)	Texas (64)
Iowa (61)	Alabama (59)	Nevada (60)	Florida (70)	Nevada (63)	Delaware (67)	North Carolina (64)
New Jersey (59)	South Dakota (59)	South Dakota (60)	Kansas (69)	New York (63)	Virginia (66)	Indiana (63)
Illinois (59)	Ohio (59)	Ohio (59)	Illinois (68)	Illinois (62)	Florida (65)	Oklahoma (62)
Ohio (58)	Alaska (58)	South Carolina (59)	North Carolina (68)	South Dakota (62)	Ohio (65)	Delaware (61)
Tennessee (58)	North Carolina (58)	Alabama (59)	New York (68)	Washington (61)	Pennsylvania (65)	Ohio (61)
North Carolina (58)	New Jersey (57)	Maryland (59)	Arkansas (67)	Arizona (60)	Illinois (64)	Nevada (60)
Nevada (56)	Maryland (57)	Michigan (59)	Pennsylvania (67)	Ohio (60)	Arizona (63)	Michigan (59)
Rhode Island (56)	Tennessee (57)	North Carolina (59)	Nevada (5)	Iowa (60)	California (63)	Pennsylvania (58)
Oklahoma (56)	New York (57)	Arkansas (57)	Maryland (65)	Indiana (59)	Kentucky (62)	New Jersey (58)
New York (56)	Rhode Island (53)	New Jersey (57)	Ohio (65)	Pennsylvania (59)	Wyoming (62)	New York (57)
DC (54)	Arizona (53)	West Virginia (56)	South Dakota (65)	California (58)	Michigan (61)	Arizona (57)
Missouri (53)	New Mexico (53)	Virginia (56)	Arizona (63)	Hawaii (56)	Oklahoma (61)	Kansas (57)
Michigan (53)	South Carolina (53)	Wisconsin (55)	Delaware (63)	Maryland (56)	Maine (60)	California (55)
Maryland (53)	Minnesota (52)	California (54)	New Jersey (62)	Nebraska (55)	North Dakota (60)	North Dakota (55)
Virginia (52)	Arkansas (52)	Connecticut (53)	California (62)	New Mexico (55)	Alaska (59)	Virginia (55)
New Mexico (51)	New Hampshire (52)	Delaware (53)	Rhode Island (61)	Idaho (54)	Missouri (59)	Connecticut (53)
Connecticut (51)	Maine (52)	Arizona (53)	New Hampshire (60)	New Hampshire (50)	New Jersey (59)	Wyoming (52)
Wisconsin (50)	Delaware (51)	Washington (52)	Colorado (59)	Kansas (50)	Utah (57)	South Dakota (52)
Massachusetts (48)	Nevada (51)	Indiana (52)	Iowa (59)	Vermont (50)	Idaho (57)	Rhode Island (51)
Arizona (48)	Wisconsin (51)	Vermont (52)	Washington (58)	Connecticut (49)	Iowa (57)	Montana (50)
North Dakota (47)	Hawaii (51)	Nebraska (52)	New Mexico (57)	Maine (48)	Nebraska (55)	Massachusetts (50)
California (47)	California (50)	Alaska (52)	Montana (57)	Wisconsin (48)	Kansas (55)	Nebraska (50)
Minnesota (47)	Montana (50)	Montana (51)	North Dakota (57)	Utah (47)	Hawaii (55)	Washington (50)
New Hampshire (46)	Nebraska (49)	North Dakota (49)	Wisconsin (55)	Rhode Island (47)	Oregon (53)	Idaho (49)
Nebraska (44)	Kansas (49)	Massachusetts (47)	Minnesota (54)	New Jersey (46)	Connecticut (53)	Wisconsin (48)
Washington (43)	Washington (48)	Iowa (46)	Massachusetts (53)	Montana (46)	Colorado (51)	New Hampshire (47)
Oregon (43)	Colorado (48)	Minnesota (46)	Hawaii (51)	Colorado (45)	Montana (51)	Colorado (47)
Colorado (41)	Wyoming (47)	Colorado (46)	Virginia (50)	Delaware (45)	Washington (51)	Oregon (46)
Vermont (40)	Virginia (46)	Utah (46)	Connecticut (48)	Massachusetts (44)	Massachusetts (50)	Iowa (45)
Alaska (39)	Connecticut (44)	New Hampshire (44)	Idaho (46)	North Dakota (43)	Wisconsin (49)	Minnesota (44)
Utah (38)	Idaho (44)	Idaho (44)	Utah (44)	Minnesota (42)	Minnesota (48)	Utah (43)
Hawaii (37)	Oregon (42)	Maine (43)	Vermont (43)	Alaska (37)	Rhode Island (46)	Hawaii (37)
Idaho (32)	Utah (34)	Wyoming (36)	Wyoming (42)	Virginia (36)	New Hampshire (44)	Maine (36)
Montana (32)	Vermont (34)	Oregon (27)	Oregon (32)	Oregon (35)	Vermont (43)	Vermont (34)

Table S5. Rankings and Scorings for the term ‘Syphilis’ by State by year from 2004 to 2010.

2004	2005	2006	2007	2008	2009	2010
South Dakota (100)	Mississippi (100)	Wyoming (100)	Iowa (100)	North Dakota (100)	West Virginia (100)	Mississippi (100)
South Carolina (100)	Alabama (70)	Rhode Island (62)	West Virginia (92)	Alabama (84)	Mississippi (99)	New Hampshire (90)
Hawaii (94)	Nebraska (65)	Mississippi (59)	Louisiana (82)	Delaware (83)	North Dakota (91)	South Carolina (85)
Mississippi (57)	Indiana (65)	New Mexico (46)	Alabama (79)	West Virginia (80)	New Mexico (75)	Kentucky (83)
Idaho (53)	South Carolina (64)	Louisiana (45)	South Carolina (76)	Montana (77)	South Carolina (71)	Alaska (78)
Georgia (52)	Iowa (64)	North Dakota (44)	Montana (74)	Vermont (76)	North Carolina (70)	Rhode Island (76)
Maine (52)	North Dakota (62)	Hawaii (44)	Mississippi (74)	Mississippi (74)	Oklahoma (68)	Louisiana (76)
Ohio (51)	West Virginia (60)	DC (42)	Maine (70)	South Carolina (73)	Alabama (68)	North Carolina (74)
Kentucky (50)	Alaska (58)	Ohio (39)	Nebraska (69)	New Mexico (72)	New Hampshire (65)	Delaware (72)
New Mexico (48)	Connecticut (56)	Nevada (38)	Alaska (68)	Kentucky (71)	Maryland (64)	Pennsylvania (72)
Arizona (44)	Rhode Island (55)	Illinois (38)	Pennsylvania (68)	Tennessee (67)	Pennsylvania (64)	Connecticut (68)
Connecticut (43)	Illinois (54)	Michigan (37)	Texas (67)	North Carolina (66)	Connecticut (63)	Tennessee (67)
Pennsylvania (41)	New York (53)	Idaho (35)	Wisconsin (65)	Florida (64)	Maine (63)	Florida (67)
Rhode Island (40)	Arkansas (53)	Pennsylvania (35)	Maryland (64)	Hawaii (64)	Texas (61)	West Virginia (66)
Florida (40)	Oregon (52)	Wisconsin (34)	Connecticut (63)	Michigan (64)	Vermont (60)	Indiana (65)
Virginia (39)	Pennsylvania (52)	Kentucky (33)	Indiana (63)	Arkansas (62)	New Jersey (60)	Alabama (65)
Louisiana (38)	Ohio (52)	Missouri (33)	Missouri (63)	Georgia (62)	Louisiana (59)	Georgia (64)
New Jersey (38)	Massachusetts (51)	Oregon (32)	Kansas (58)	Pennsylvania (61)	Indiana (58)	Michigan (3)
Alabama (37)	Georgia (49)	Texas (32)	Tennessee (58)	Texas (60)	Ohio (57)	South Dakota (62)
DC (37)	Minnesota (48)	Iowa (32)	Kentucky (58)	New York (60)	Florida (57)	Maryland (60)
Texas (37)	Maine (47)	Minnesota (31)	New Jersey (57)	Ohio (60)	New York (57)	Kansas (60)
North Carolina (36)	Idaho (47)	New Jersey (31)	Florida (56)	Maryland (60)	Wyoming (57)	New York (59)
Illinois (35)	Wisconsin (46)	Indiana (31)	Ohio (56)	Nebraska (59)	Hawaii (56)	Arkansas (59)
Oklahoma (34)	Michigan (46)	Georgia (31)	Georgia (55)	Kansas (58)	Georgia (55)	New Jersey (59)
Iowa (33)	Montana (45)	Alabama (30)	North Carolina (54)	Rhode Island (57)	Kentucky (55)	Texas (58)
Kansas (32)	Florida (44)	Washington (30)	Minnesota (53)	Indiana (56)	Delaware (54)	North Dakota (57)
Michigan (31)	Texas (43)	Oklahoma (29)	Virginia (52)	Louisiana (55)	Michigan (53)	Wyoming (57)
Massachusetts (31)	Maryland (41)	New Hampshire (29)	Arkansas (51)	New Jersey (53)	Missouri (53)	Ohio (56)
New York (31)	California (38)	Maryland (29)	New York (50)	Missouri (53)	Oregon (51)	Illinois (55)
Indiana (30)	Washington (37)	North Carolina (29)	North Dakota (50)	Wyoming (53)	Utah (50)	Iowa (54)
Colorado (29)	New Jersey (35)	New York (27)	New Mexico (49)	Iowa (53)	Wisconsin (49)	Hawaii (53)
Missouri (29)	Arizona (35)	Kansas (27)	Colorado (49)	Illinois (53)	Arkansas (49)	Missouri (53)
Maryland (28)	Tennessee (35)	Florida (27)	Oklahoma (49)	Maine (53)	Rhode Island (49)	Arizona (52)
Montana (28)	Wyoming (34)	Tennessee (27)	Washington (48)	Wisconsin (52)	Illinois (48)	Oklahoma (51)
Oregon (26)	Missouri (34)	Virginia (25)	Michigan (48)	Connecticut (48)	Massachusetts (48)	Maine (52)
New Hampshire (25)	Colorado (33)	California (24)	Illinois (48)	New Hampshire (48)	Idaho (46)	Wisconsin (50)
Minnesota (25)	North Carolina (33)	South Dakota (24)	Delaware (48)	Alaska (46)	Nebraska (46)	Massachusetts (50)
California (25)	Virginia (33)	Massachusetts (23)	Arizona (43)	Massachusetts (44)	South Dakota (45)	Utah (46)
West Virginia (24)	New Hampshire (30)	Maine (22)	DC (43)	South Dakota (44)	Iowa (45)	Washington (44)
Utah (24)	Oklahoma (28)	Connecticut (22)	California (42)	Minnesota (43)	Tennessee (44)	New Mexico (44)
Washington (23)	South Dakota (27)	West Virginia (22)	Nevada (42)	Utah (42)	DC (43)	District of Columbia (43)
Wisconsin (20)	DC (21)	Alaska (18)	Oregon (40)	Colorado (42)	Nevada (43)	Nebraska (42)
Tennessee (18)	Louisiana (20)	Nebraska (17)	Rhode Island (39)	DC (40)	Kansas (42)	Idaho (41)
Arkansas (15)	Utah (19)	Utah (17)	South Dakota (39)	Oregon (39)	Arizona (2)	Colorado (40)
Nevada (12)	Kansas (19)	Arizona (17)	Massachusetts (35)	Arizona (39)	Washington (40)	Minnesota (40)
Nebraska (11)	Kentucky (18)	Arkansas (17)	New Hampshire (33)	Virginia (38)	Alaska (40)	Nevada (39)
Alaska	Nevada (18)	Colorado (16)	Idaho (31)	California (37)	California (37)	Oregon (33)
Delaware	Vermont (17)	South Carolina (12)	Vermont (31)	Oklahoma (36)	Colorado (36)	Montana (29)
North Dakota	New Mexico (13)	Montana (10)	Utah (31)	Nevada (33)	Montana (33)	California (29)
Vermont	Delaware	Vermont (9)	Hawaii (29)	Washington (33)	Minnesota (31)	Vermont (28)
Wyoming	Hawaii	Delaware	Wyoming (20)	Idaho (23)	Virginia (26)	Virginia (28)

Table S6. Rankings and Scorings for the term ‘Syphilis’ by State by year from 2011 to 2017.

2011	2012	2013	2014	2015	2016	2017
West Virginia (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)	Mississippi (100)
Mississippi (86)	Louisiana (84)	Louisiana (93)	Louisiana (98)	Louisiana (81)	Louisiana (86)	Arkansas (82)
South Dakota (80)	Georgia (74)	Georgia (74)	Kentucky (89)	Georgia (78)	South Dakota (80)	DC (81)
Delaware (77)	Texas (70)	Texas (72)	South Carolina (83)	South Carolina (74)	Georgia (79)	Alabama (76)
Louisiana (77)	DC (70)	DC (70)	Alaska (83)	Kentucky (73)	Alabama (79)	Louisiana (76)
Georgia (73)	Illinois (68)	New Mexico (69)	Georgia (82)	Michigan (71)	Arkansas (78)	Georgia (75)
Arkansas (70)	West Virginia (66)	Kentucky (67)	Oklahoma (81)	Texas (71)	DC (77)	South Carolina (74)
South Carolina (70)	North Dakota (66)	Oklahoma (67)	DC (77)	West Virginia (70)	South Carolina (76)	West Virginia (72)
Texas (65)	Indiana (65)	Tennessee (66)	Texas (74)	Missouri (70)	Indiana (75)	Alaska (71)
Alabama (65)	Pennsylvania (63)	Florida (64)	Alabama (74)	Oklahoma (70)	Texas (74)	Tennessee (70)
Wyoming (65)	Missouri (62)	Illinois (63)	Indiana (73)	Alabama (69)	North Carolina (73)	New Mexico (66)
Maine (65)	Oklahoma (62)	Kansas (63)	Tennessee (73)	Wyoming (67)	West Virginia (73)	Illinois (66)
Kentucky (63)	Florida (62)	Pennsylvania (62)	Missouri (73)	Tennessee (67)	New Mexico (72)	Kentucky (66)
Pennsylvania (63)	Michigan (62)	Hawaii (61)	West Virginia (72)	North Carolina (66)	Nevada (69)	Maryland (65)
Florida (62)	Massachusetts (60)	New York (61)	Maine (72)	DC (66)	Maryland (69)	Florida (64)
Indiana (62)	Kentucky (60)	Rhode Island (61)	Nebraska (72)	Arkansas (63)	Tennessee (69)	Missouri (64)
Kansas (61)	Iowa (60)	Missouri (60)	Michigan (70)	Florida (63)	New York (68)	Texas (64)
Iowa (61)	Alabama (59)	Nevada (60)	Florida (70)	Nevada (63)	Delaware (67)	North Carolina (64)
New Jersey (59)	South Dakota (59)	South Dakota (60)	Kansas (69)	New York (63)	Virginia (66)	Indiana (63)
Illinois (59)	Ohio (59)	Ohio (59)	Illinois (68)	Illinois (62)	Florida (65)	Oklahoma (62)
Ohio (58)	Alaska (58)	South Carolina (59)	North Carolina (68)	South Dakota (62)	Ohio (65)	Delaware (61)
Tennessee (58)	North Carolina (58)	Alabama (59)	New York (68)	Washington (61)	Pennsylvania (65)	Ohio (61)
North Carolina (58)	New Jersey (57)	Maryland (59)	Arkansas (67)	Arizona (60)	Illinois (64)	Nevada (60)
Nevada (56)	Maryland (57)	Michigan (59)	Pennsylvania (67)	Ohio (60)	Arizona (63)	Michigan (59)
Rhode Island (56)	Tennessee (57)	North Carolina (59)	Nevada (65)	Iowa (60)	California (63)	Pennsylvania (58)
Oklahoma (56)	New York (57)	Arkansas (57)	Maryland (65)	Indiana (59)	Kentucky (62)	New Jersey (58)
New York (56)	Rhode Island (53)	New Jersey (57)	Ohio (65)	Pennsylvania (59)	Wyoming (62)	New York (57)
DC (54)	Arizona (53)	West Virginia (56)	South Dakota (65)	California (58)	Michigan (61)	Arizona (57)
Missouri (53)	New Mexico (53)	Virginia (56)	Arizona (63)	Hawaii (56)	Oklahoma (61)	Kansas (57)
Michigan (53)	South Carolina (53)	Wisconsin (55)	Delaware (63)	Maryland (56)	Maine (60)	California (55)
Maryland (53)	Minnesota (52)	California (54)	New Jersey (62)	Nebraska (55)	North Dakota (60)	North Dakota (55)
Virginia (52)	Arkansas (52)	Connecticut (53)	California (62)	New Mexico (55)	Alaska (59)	Virginia (55)
New Mexico (51)	New Hampshire (52)	Delaware (53)	Rhode Island (61)	Idaho (54)	Missouri (59)	Connecticut (53)
Connecticut (51)	Maine (52)	Arizona (53)	New Hampshire (60)	New Hampshire (50)	New Jersey (59)	Wyoming (52)
Wisconsin (50)	Delaware (51)	Washington (52)	Colorado (59)	Kansas (50)	Utah (57)	South Dakota (52)
Massachusetts (48)	Nevada (51)	Indiana (52)	Iowa (59)	Vermont (50)	Idaho (57)	Rhode Island (51)
Arizona (48)	Wisconsin (51)	Vermont (52)	Washington (58)	Connecticut (49)	Iowa (57)	Montana (50)
North Dakota (47)	Hawaii (51)	Nebraska (52)	New Mexico (57)	Maine (48)	Nebraska (55)	Massachusetts (50)
California (47)	California (50)	Alaska (52)	Montana (57)	Wisconsin (48)	Kansas (55)	Nebraska (50)
Minnesota (47)	Montana (50)	Montana (51)	North Dakota (57)	Utah (47)	Hawaii (55)	Washington (50)
New Hampshire (46)	Nebraska (49)	North Dakota (49)	Wisconsin (55)	Rhode Island (47)	Oregon (53)	Idaho (49)
Nebraska (44)	Kansas (49)	Massachusetts (47)	Minnesota (54)	New Jersey (46)	Connecticut (53)	Wisconsin (48)
Washington (43)	Washington (48)	Iowa (46)	Massachusetts (53)	Montana (46)	Colorado (51)	New Hampshire (47)
Oregon (43)	Colorado (48)	Minnesota (46)	Hawaii (51)	Colorado (45)	Montana (51)	Colorado (47)
Colorado (41)	Wyoming (47)	Colorado (46)	Virginia (50)	Delaware (45)	Washington (51)	Oregon (46)
Vermont (40)	Virginia (46)	Utah (46)	Connecticut (48)	Massachusetts (44)	Massachusetts (50)	Iowa (45)
Alaska (39)	Connecticut (44)	New Hampshire (44)	Idaho (46)	North Dakota (43)	Wisconsin (49)	Minnesota (44)
Utah (38)	Idaho (44)	Idaho (44)	Utah (44)	Minnesota (42)	Minnesota (48)	Utah (43)
Hawaii (37)	Oregon (42)	Maine (43)	Vermont (43)	Alaska (37)	Rhode Island (46)	Hawaii (37)
Idaho (32)	Utah (34)	Wyoming (36)	Wyoming (42)	Virginia (36)	New Hampshire (44)	Maine (36)
Montana (32)	Vermont (34)	Oregon (27)	Oregon (32)	Oregon (35)	Vermont (43)	Vermont (34)

Tables S7&S8 and S9&S10 consist of the respective rankings and scorings for Tuberculosis and Hepatitis, respectively.

Table S7. Rankings and Scorings for the term ‘Tuberculosis’ by State by year from 2004 to 2010.

2004	2005	2006	2007	2008	2009	2010
Maine (100)	Maine (100)	New Mexico (100)	Hawaii (100)	New Mexico (100)	Rhode Island (100)	Maryland (100)
North Dakota (97)	Alaska (87)	North Dakota (79)	DC (97)	Delaware (96)	Delaware (99)	Hawaii (95)
Alaska (89)	West Virginia (80)	Hawaii (77)	Maryland (94)	Indiana (94)	South Dakota (97)	New Mexico (94)
Kentucky (77)	Nebraska (80)	Indiana (73)	Wyoming (92)	Alaska (92)	Hawaii (96)	Delaware (91)
Rhode Island (76)	Wyoming (78)	Arkansas (67)	Arkansas (92)	Maryland (90)	Connecticut (93)	Nebraska (89)
Iowa (71)	Montana (78)	Maine (63)	Delaware (92)	Hawaii (86)	Arkansas (91)	Arkansas (89)
Louisiana (70)	South Carolina (77)	Tennessee (59)	Georgia (88)	Rhode Island (84)	New Mexico (89)	Connecticut (87)
Indiana (59)	Minnesota (75)	Maryland (59)	West Virginia (88)	Kansas (83)	Louisiana (85)	North Dakota (86)
Montana (58)	Pennsylvania (72)	Delaware (59)	South Carolina (84)	Montana (83)	Oklahoma (84)	Massachusetts (83)
Oklahoma (57)	Colorado (71)	Rhode Island (59)	Missouri (83)	Wisconsin (77)	Nebraska (82)	Louisiana (83)
Georgia (56)	Georgia (70)	Illinois (59)	New Hampshire (83)	Mississippi (75)	New Hampshire (79)	Alabama (83)
Maryland (52)	Illinois (68)	Iowa (59)	Texas (81)	Ohio (75)	Kentucky (78)	South Dakota (80)
South Dakota (52)	Virginia (66)	Missouri (59)	Ohio (81)	North Dakota (74)	Maryland (78)	Florida (79)
Ohio (49)	Oklahoma (65)	DC (58)	Nebraska (80)	Kentucky (74)	California (75)	Oklahoma (79)
New Jersey (48)	Connecticut (64)	Louisiana (57)	Vermont (80)	California (74)	Massachusetts (74)	Iowa (77)
Oregon (48)	Michigan (62)	Massachusetts (57)	North Carolina (78)	Pennsylvania (73)	DC (74)	California (77)
New York (47)	Washington (61)	Alaska (55)	Montana (78)	Virginia (73)	Virginia (72)	Kentucky (76)
Washington (47)	Tennessee (61)	South Dakota (54)	Kansas (77)	West Virginia (73)	Pennsylvania (71)	Missouri (76)
Colorado (46)	Indiana (61)	Michigan (54)	Rhode Island (76)	Massachusetts (72)	Montana (71)	Indiana (75)
California (46)	Louisiana (61)	California (52)	Oregon (76)	Iowa (71)	Georgia (70)	Arizona (75)
Idaho (45)	Massachusetts (59)	New Jersey (52)	North Dakota (76)	Louisiana (71)	Alabama (70)	Minnesota (75)
Missouri (45)	Maryland (58)	Nevada (51)	Mississippi (75)	Oklahoma (70)	North Dakota (69)	New Jersey (74)
Michigan (45)	Missouri (58)	Pennsylvania (51)	Minnesota (73)	Texas (69)	Missouri (69)	Colorado (74)
Tennessee (44)	Vermont (58)	Florida (51)	Pennsylvania (73)	Wyoming (69)	Idaho (68)	Tennessee (74)
Illinois (44)	Oregon (57)	Kentucky (50)	Nevada (73)	Utah (69)	Indiana (67)	North Carolina (74)
Arizona (43)	California (57)	Georgia (50)	Tennessee (73)	Oregon (68)	Colorado (67)	Maine (74)
Massachusetts (43)	New York (57)	Alabama (50)	Maine (73)	Missouri (68)	North Carolina (67)	Virginia (74)
Minnesota (43)	Mississippi (57)	Texas (49)	Alabama (72)	Illinois (66)	Illinois (66)	South Carolina (73)
Alabama (43)	DC (56)	Colorado (49)	Wisconsin (72)	DC (65)	Kansas (65)	Vermont (73)
Texas (41)	New Jersey (56)	Vermont (47)	Colorado (71)	Connecticut (65)	Minnesota (65)	New York (73)
Kansas (41)	Nevada (55)	South Carolina (47)	Indiana (71)	Colorado (64)	Wisconsin (64)	Washington (73)
Hawaii (41)	Wisconsin (54)	Minnesota (46)	Virginia (71)	Arizona (64)	Texas (64)	Kansas (73)
DC (40)	North Dakota (54)	Connecticut (45)	Washington (67)	Georgia (63)	Arizona (63)	DC (72)
North Carolina (40)	Delaware (53)	Wisconsin (44)	Illinois (67)	New York (62)	New Jersey (63)	Rhode Island (71)
Arkansas (39)	Idaho (53)	Ohio (44)	Massachusetts (67)	Washington (62)	Tennessee (63)	Georgia (71)
South Carolina (39)	North Carolina (52)	Oregon (43)	Michigan (66)	Tennessee (62)	Oregon (62)	Oregon (70)
New Hampshire (38)	Iowa (52)	Washington (43)	Kentucky (66)	Minnesota (61)	Mississippi (62)	Alaska (69)
Virginia (37)	Arkansas (52)	Kansas (41)	California (66)	New Jersey (61)	Florida (62)	Pennsylvania (69)
Pennsylvania (37)	Texas (51)	New Hampshire (41)	New York (65)	Florida (61)	South Carolina (61)	Wisconsin (68)
West Virginia (37)	Ohio (51)	West Virginia (40)	Florida (65)	North Carolina (60)	Washington (60)	Texas (67)
Connecticut (35)	Hawaii (50)	Montana (40)	New Jersey (65)	South Carolina (59)	New York (59)	Michigan (66)
Florida (33)	New Mexico (50)	New York (40)	Arizona (65)	Nebraska (58)	Wyoming (58)	Ohio (65)
Nebraska (33)	Kansas (50)	Arizona (36)	Idaho (63)	Idaho (58)	Maine (57)	Mississippi (65)
New Mexico (33)	Florida (47)	Utah (35)	Iowa (63)	Alabama (58)	Michigan (55)	New Hampshire (63)
Wisconsin (30)	Arizona (41)	Virginia (35)	New Mexico (61)	Michigan (53)	West Virginia (54)	Utah (63)
Delaware (28)	Kentucky (40)	North Carolina (34)	South Dakota (60)	New Hampshire (53)	Utah (54)	Illinois (62)
Nevada (24)	Alabama (39)	Oklahoma (32)	Connecticut (59)	South Dakota (52)	Ohio (54)	Wyoming (59)
Wyoming (22)	Utah (36)	Mississippi (30)	Alaska (58)	Nevada (49)	Iowa (52)	Idaho (59)
Vermont (22)	South Dakota (31)	Idaho (26)	Oklahoma (58)	Arkansas (45)	Alaska (49)	Nevada (59)
Utah (20)	New Hampshire (29)	Nebraska (16)	Louisiana (58)	Maine (35)	Nevada (40)	Montana (40)
Mississippi (19)	Rhode Island (12)	Wyoming (13)	Utah (58)	Vermont (16)	Vermont (38)	West Virginia (38)

Table S8. Rankings and Scorings for the term ‘Tuberculosis’ by State by year from 2011 to 2017.

2011	2012	2013	2014	2015	2016	2017
Louisiana (100)	North Dakota (100)	Nevada (100)	South Dakota (100)	Delaware (100)	Alaska (100)	North Dakota (100)
Mississippi (99)	Wyoming (69)	Maryland (99)	Mississippi (99)	Hawaii (97)	South Dakota (83)	Maryland (89)
West Virginia (97)	South Dakota (65)	North Dakota (93)	Maryland (97)	Vermont (95)	North Dakota (79)	Montana (89)
Alabama (93)	New Mexico (60)	South Carolina (92)	Nebraska (94)	Montana (95)	Connecticut (77)	Delaware (88)
Arkansas (93)	Maryland (58)	California (91)	West Virginia (92)	Maryland (92)	Nebraska (74)	California (86)
Maine (90)	Alabama (52)	Wyoming (90)	DC (90)	Alaska (86)	Alabama (71)	Massachusetts (86)
South Dakota (90)	Delaware (52)	Kentucky (90)	Alabama (90)	Mississippi (84)	Oklahoma (71)	Connecticut (86)
Oklahoma (85)	Mississippi (51)	West Virginia (90)	Vermont (90)	Connecticut (82)	Montana (70)	Minnesota (85)
Tennessee (84)	Indiana (51)	Iowa (88)	Texas (90)	Indiana (81)	Hawaii (70)	Alaska (84)
Wyoming (83)	Connecticut (51)	New Mexico (88)	Hawaii (89)	West Virginia (81)	Massachusetts (70)	Texas (84)
New Mexico (83)	Kentucky (50)	Vermont (88)	Idaho (89)	Utah (80)	West Virginia (67)	Hawaii (84)
Maryland (81)	Kansas (48)	Connecticut (86)	Missouri (89)	Alabama (80)	Minnesota (67)	Indiana (83)
Hawaii (80)	Iowa (47)	Virginia (85)	Nevada (89)	Idaho (80)	Maryland (67)	South Dakota (82)
Rhode Island (80)	Utah (46)	Ohio (84)	Connecticut (89)	Kansas (79)	District of Columbia (66)	Iowa (82)
South Carolina (80)	Hawaii (45)	Florida (83)	Indiana (88)	South Carolina (79)	New Mexico (66)	Rhode Island (82)
Missouri (80)	Texas (45)	Arizona (82)	Arkansas (87)	California (79)	Iowa (65)	Vermont (81)
Wisconsin (79)	Colorado (45)	DC (81)	Arizona (85)	Texas (77)	California (65)	North Carolina (79)
North Dakota (79)	Alaska (45)	North Carolina (81)	New Mexico (85)	Arkansas (77)	Texas (64)	Arizona (78)
North Carolina (79)	Nebraska (45)	Idaho (81)	Iowa (85)	Minnesota (76)	Utah (64)	Mississippi (77)
New Jersey (77)	Arkansas (45)	Kansas (80)	Georgia (85)	Kentucky (75)	Arizona (63)	West Virginia (75)
Indiana (76)	DC (45)	Arkansas (79)	Alaska (85)	DC (74)	Virginia (63)	Missouri (75)
Texas (76)	Pennsylvania (44)	Hawaii (79)	Wyoming (83)	Maine (73)	Idaho (63)	Nevada (75)
Nevada (75)	Minnesota (44)	Mississippi (79)	California (83)	New Mexico (73)	Indiana (62)	Utah (73)
Kentucky (75)	Louisiana (44)	Oregon (79)	North Carolina (82)	Louisiana (73)	Missouri (61)	Alabama (72)
Ohio (74)	Oklahoma (44)	New Jersey (78)	Utah (82)	New Hampshire (73)	Washington (61)	Virginia (72)
Alaska (73)	Georgia (44)	New York (78)	South Carolina (82)	Pennsylvania (72)	Rhode Island (61)	Louisiana (72)
Pennsylvania (73)	Arizona (43)	Massachusetts (78)	Delaware (81)	Georgia (72)	Georgia (60)	Wyoming (72)
Delaware (73)	Idaho (43)	Wisconsin (78)	North Dakota (81)	Tennessee (72)	Delaware (60)	DC (72)
Nebraska (72)	North Carolina (43)	Indiana (77)	New Hampshire (81)	Wisconsin (71)	New Jersey (60)	New Jersey (71)
Iowa (71)	Ohio (43)	Nebraska (76)	New York (81)	Massachusetts (69)	Maine (60)	Washington (71)
Kansas (71)	Wisconsin (42)	Rhode Island (76)	Pennsylvania (80)	Iowa (69)	New Hampshire (60)	New York (71)
Connecticut (71)	New Jersey (42)	Minnesota (75)	New Jersey (80)	Nebraska (69)	New York (59)	Kentucky (71)
Florida (70)	Tennessee (42)	Missouri (75)	Washington (80)	Missouri (69)	Illinois (59)	Georgia (71)
California (70)	Missouri (42)	Texas (75)	Tennessee (79)	Arizona (69)	South Carolina (58)	New Mexico (69)
Washington (70)	California (41)	Tennessee (75)	Oklahoma (79)	South Dakota (68)	Mississippi (58)	Pennsylvania (69)
Illinois (69)	Massachusetts (41)	Georgia (74)	Minnesota (78)	Ohio (68)	Colorado (58)	Arkansas (69)
Idaho (69)	Virginia (40)	Louisiana (74)	Kentucky (77)	Colorado (68)	Florida (57)	Illinois (69)
Massachusetts (69)	Washington (40)	Alabama (74)	Ohio (76)	New Jersey (67)	Louisiana (57)	Idaho (68)
Michigan (68)	Florida (39)	Pennsylvania (74)	Louisiana (76)	Nevada (67)	Pennsylvania (56)	South Carolina (67)
Vermont (68)	New York (39)	Delaware (74)	Kansas (76)	Michigan (67)	Nevada (56)	Maine (66)
Arizona (68)	Illinois (39)	Oklahoma (73)	Wisconsin (75)	Illinois (66)	North Carolina (56)	Oregon (66)
Georgia (67)	Maine (38)	South Dakota (73)	Florida (75)	New York (65)	Oregon (56)	Wisconsin (66)
Minnesota (66)	New Hampshire (38)	New Hampshire (73)	Maine (75)	Washington (65)	Kentucky (56)	Ohio (65)
Virginia (65)	Michigan (38)	Alaska (72)	Virginia (72)	Virginia (63)	Arkansas (55)	Florida (65)
Utah (64)	Oregon (37)	Washington (70)	Colorado (2)	Florida (62)	Wyoming (54)	Kansas (65)
New York (64)	Montana (34)	Colorado (67)	Illinois (72)	North Carolina (62)	Ohio (54)	Oklahoma (65)
DC (64)	Rhode Island (33)	Utah (66)	Massachusetts (72)	North Dakota (61)	Wisconsin (54)	Michigan (65)
New Hampshire (62)	Nevada (33)	Illinois (66)	Rhode Island (72)	Rhode Island (59)	Michigan (52)	Colorado (64)
Oregon (59)	Vermont (33)	Michigan (62)	Michigan (69)	Oregon (58)	Tennessee (51)	Tennessee (63)
Colorado (59)	West Virginia (31)	Maine (55)	Montana (60)	Oklahoma (56)	Kansas (51)	Nebraska (62)
Montana (47)	South Carolina (31)	Montana (46)	Oregon (55)	Wyoming (44)	Vermont (45)	New Hampshire (59)

Table S9. Rankings and Scorings for the term ‘Hepatitis’ by State by year from 2004 to 2010.

2004	2005	2006	2007	2008	2009	2010
South Dakota (100)	Kentucky (100)	West Virginia (100)	West Virginia (100)	West Virginia (100)	Maryland (100)	West Virginia (100)
Oklahoma (89)	Mississippi (96)	New Mexico (90)	South Dakota (74)	Nevada (98)	North Dakota (87)	Maryland (88)
Wyoming (85)	Hawaii (82)	Nevada (89)	New Mexico (64)	Alabama (90)	West Virginia (86)	New Mexico (84)
Tennessee (83)	New Mexico (81)	Maryland (86)	Montana (63)	New Mexico (89)	Wyoming (86)	Tennessee (83)
New Hampshire (80)	Louisiana (78)	Maine (84)	Hawaii (58)	Maryland (87)	Missouri (84)	Kentucky (81)
Montana (77)	Tennessee (77)	Kentucky (80)	New Hampshire (57)	Tennessee (83)	Tennessee (83)	South Dakota (80)
West Virginia (76)	Maine (74)	Oklahoma (79)	Maryland (57)	Kentucky (82)	New Mexico (83)	Iowa (77)
Kansas (76)	Missouri (72)	Pennsylvania (79)	Idaho (57)	Pennsylvania (82)	Iowa (82)	Indiana (77)
Maine (75)	Indiana (71)	South Carolina (78)	Tennessee (56)	Maine (81)	Minnesota (82)	Pennsylvania (72)
North Dakota (73)	Maryland (71)	Alaska (78)	Iowa (55)	Hawaii (80)	Kentucky (81)	Ohio (70)
Minnesota (72)	Wyoming (69)	North Dakota (77)	Pennsylvania (55)	Missouri (80)	Nebraska (81)	Alabama (70)
New Jersey (72)	Florida (66)	Missouri (76)	Arizona (55)	Mississippi (79)	Louisiana (80)	Mississippi (70)
Connecticut (71)	Montana (66)	Delaware (74)	Delaware (55)	Ohio (78)	Indiana (80)	Michigan (70)
Alaska (70)	Connecticut (66)	Indiana (74)	Oregon (54)	Montana (77)	Nevada (79)	North Carolina (69)
Arkansas (69)	Nevada (65)	Mississippi (73)	Louisiana (54)	Connecticut (77)	Hawaii (79)	Florida (69)
New Mexico (8)	Pennsylvania (65)	DC (72)	Texas (53)	Vermont (74)	Florida (79)	Colorado (68)
Mississippi (66)	Massachusetts (65)	Vermont (70)	Missouri (52)	Oregon (74)	Alabama (78)	Louisiana (68)
Washington (65)	Kansas (64)	Montana (70)	Oklahoma (52)	Iowa (74)	Arkansas (77)	Oklahoma (67)
Maryland (65)	Washington (64)	North Carolina (69)	South Carolina (51)	Florida (73)	Pennsylvania (76)	Kansas (67)
Hawaii (65)	Texas (64)	Florida (68)	Indiana (51)	Massachusetts (72)	Oklahoma (75)	Georgia (66)
Massachusetts (65)	Nebraska (64)	Wisconsin (68)	Maine (51)	Georgia (72)	Alaska (75)	Alaska (64)
Iowa (60)	Oregon (64)	Alabama (68)	Alabama (51)	Louisiana (71)	Georgia (74)	Nebraska (63)
Missouri (60)	Alabama (63)	Oregon (68)	Massachusetts (51)	Michigan (71)	New York (74)	New York (63)
Texas (60)	West Virginia (63)	Georgia (68)	North Dakota (51)	Minnesota (71)	New Hampshire (73)	Missouri (63)
Indiana (59)	Arizona (62)	Texas (67)	North Carolina (50)	South Carolina (70)	Montana (72)	Montana (63)
Florida (59)	South Dakota (62)	Connecticut (67)	Washington (50)	Arizona (70)	Mississippi (72)	South Carolina (62)
Louisiana (59)	South Carolina (62)	Ohio (67)	Minnesota (50)	Indiana (70)	North Carolina (71)	Illinois (61)
North Carolina (58)	Colorado (62)	Tennessee (66)	DC (50)	New York (69)	New Jersey (71)	Vermont (61)
Pennsylvania (8)	Michigan (59)	New Jersey (66)	Florida (49)	New Hampshire (68)	Texas (70)	Connecticut (61)
Virginia (58)	New Hampshire (59)	Utah (65)	Mississippi (49)	Washington (68)	Wisconsin (70)	New Jersey (61)
Kentucky (57)	Georgia (59)	Massachusetts (65)	Wisconsin (48)	Delaware (67)	Oregon (70)	Oregon (61)
Arizona (57)	California (58)	California (64)	Kentucky (48)	North Dakota (67)	Idaho (69)	Wyoming (61)
California (57)	Illinois (58)	Hawaii (63)	Nevada (47)	California (67)	Connecticut (68)	Arizona (61)
Wisconsin (55)	Virginia (58)	South Dakota (63)	Illinois (47)	Texas (67)	Ohio (68)	Texas (1)
Nevada (54)	Delaware (57)	New York (62)	Wyoming (47)	Rhode Island (66)	South Dakota (67)	Minnesota (59)
Delaware (54)	New York (57)	Michigan (62)	New York (47)	Oklahoma (66)	Colorado (67)	Massachusetts (59)
Nebraska (53)	DC (57)	Idaho (62)	Nebraska (47)	Illinois (66)	Michigan (67)	Idaho (59)
Illinois (53)	Rhode Island (56)	New Hampshire (61)	New Jersey (46)	Idaho (65)	DC (67)	Arkansas (58)
Michigan (53)	Ohio (56)	Kansas (61)	Kansas (46)	Kansas (65)	Kansas (66)	Rhode Island (58)
New York (53)	New Jersey (56)	Louisiana (1)	Georgia (45)	Wisconsin (64)	Arizona (65)	Washington (57)
Colorado (52)	Wisconsin (56)	Washington (61)	California (44)	North Carolina (64)	Illinois (65)	Delaware (57)
Oregon (52)	North Carolina (55)	Illinois (60)	Connecticut (44)	DC (63)	Utah (64)	Wisconsin (56)
Utah (52)	Iowa (52)	Nebraska (60)	Ohio (44)	Nebraska (63)	Delaware (64)	New Hampshire (56)
Georgia (51)	Alaska (51)	Colorado (59)	Arkansas (44)	Alaska (63)	South Carolina (64)	Utah (55)
DC (51)	Utah (49)	Arkansas (57)	Michigan (43)	Virginia (62)	California (63)	North Dakota (55)
Alabama (51)	Minnesota (46)	Virginia (57)	Utah (42)	Arkansas (62)	Virginia (61)	DC (55)
South Carolina (46)	Arkansas (46)	Arizona (56)	Vermont (42)	New Jersey (61)	Washington (61)	Nevada (55)
Rhode Island (46)	Vermont (45)	Wyoming (55)	Virginia (42)	Wyoming (60)	Massachusetts (58)	California (53)
Ohio (38)	Oklahoma (38)	Iowa (54)	Rhode Island (41)	Utah (60)	Vermont (56)	Virginia (49)
Idaho (35)	North Dakota (35)	Rhode Island (54)	Colorado (41)	Colorado (56)	Maine (55)	Maine (48)
Vermont (26)	Idaho (31)	Minnesota (51)	Alaska (31)	South Dakota (53)	Rhode Island (53)	Hawaii (43)

Table S10. Rankings and Scorings for the term ‘Hepatitis’ by State by year from 2011 to 2017.

2011	2012	2013	2014	2015	2016	2017
West Virginia (100)	West Virginia (100)	West Virginia (100)	West Virginia (100)	West Virginia (100)	Hawaii (100)	Michigan (100)
Kentucky (93)	New Hampshire (86)	Hawaii (78)	Kentucky (80)	Kentucky (79)	West Virginia (35)	West Virginia (97)
Tennessee (93)	Mississippi (82)	North Dakota (77)	Tennessee (78)	Tennessee (77)	Kentucky (27)	Kentucky (92)
Mississippi (92)	Kentucky (73)	South Dakota (76)	New Mexico (77)	Arkansas (73)	Virginia (27)	Oklahoma (84)
Arkansas (91)	Tennessee (70)	Vermont (73)	Arkansas (73)	Maine (71)	Wyoming (25)	South Dakota (84)
Louisiana (87)	Delaware (69)	Mississippi (72)	Mississippi (71)	Alaska (70)	North Dakota (25)	California (82)
South Dakota (87)	DC (68)	Kentucky (72)	Alabama (71)	Delaware (69)	New Mexico (25)	Alabama (81)
Pennsylvania (86)	Louisiana (68)	Maryland (71)	Delaware (70)	South Carolina (69)	DC (24)	Hawaii (79)
North Dakota (86)	Maryland (68)	Montana (70)	Oklahoma (70)	Ohio (67)	Tennessee (24)	Tennessee (78)
Oklahoma (84)	Alabama (67)	Indiana (68)	Alaska (69)	Maryland (66)	Alabama (23)	Mississippi (75)
Maryland (83)	Pennsylvania (66)	Tennessee (68)	Maryland (69)	South Dakota (66)	Louisiana (23)	Pennsylvania (74)
New Jersey (81)	New Mexico (65)	Florida (67)	Louisiana (68)	Alabama (66)	Maryland (23)	Nevada (74)
Ohio (81)	Arkansas (65)	Louisiana (66)	Vermont (67)	Louisiana (66)	Ohio (23)	Indiana (73)
Nebraska (81)	Wyoming (65)	Alaska (66)	Florida (67)	Missouri (66)	Oklahoma (23)	Ohio (72)
Idaho (80)	Missouri (65)	New Mexico (65)	Pennsylvania (66)	Pennsylvania (65)	Mississippi (23)	Alaska (72)
Hawaii (80)	Alaska (64)	North Carolina (65)	Indiana (66)	Georgia (65)	Alaska (22)	Louisiana (71)
Maine (78)	Ohio (63)	Kansas (65)	Maine (66)	DC (65)	Pennsylvania (22)	Arizona (71)
Georgia (78)	Idaho (63)	Pennsylvania (65)	DC (66)	Mississippi (64)	Missouri (22)	New York (71)
Alabama (77)	Massachusetts (63)	Oklahoma (65)	Missouri (66)	New Mexico (64)	Arkansas (22)	South Carolina (1)
North Carolina (77)	South Dakota (63)	Missouri (64)	Iowa (66)	Wyoming (64)	Michigan (21)	North Dakota (70)
Connecticut (76)	Florida (62)	Ohio (64)	Ohio (65)	North Dakota (63)	Georgia (21)	Oregon (70)
New York (76)	Indiana (61)	New Jersey (64)	New Jersey (65)	Oklahoma (62)	Indiana (21)	Arkansas (69)
Rhode Island (75)	Oklahoma (61)	DC (63)	Georgia (65)	Florida (61)	South Dakota (21)	Missouri (69)
New Hampshire (75)	Georgia (61)	Arkansas (63)	North Dakota (64)	Indiana (61)	Delaware (21)	New Jersey (68)
Iowa (75)	South Carolina (60)	Arizona (63)	North Carolina (64)	New Jersey (61)	Rhode Island (20)	Maryland (68)
Massachusetts (74)	Maine (59)	Maine (63)	Montana (64)	Michigan (59)	New York (20)	Connecticut (68)
Delaware (74)	North Carolina (58)	New York (63)	Michigan (64)	North Carolina (59)	Montana (20)	Florida (68)
Florida (74)	Nebraska (58)	Georgia (63)	Rhode Island (63)	Kansas (58)	Florida (20)	Idaho (67)
Virginia (74)	Nevada (58)	Nevada (63)	South Carolina (63)	Massachusetts (58)	Maine (20)	New Mexico (67)
Missouri (74)	Washington (57)	Oregon (62)	Massachusetts (63)	New York (58)	Wisconsin (20)	DC (66)
Nevada (73)	New York (57)	Washington (62)	South Dakota (61)	Connecticut (57)	South Carolina (20)	Illinois (65)
Alaska (72)	Texas (57)	Colorado (62)	Minnesota (61)	Montana (57)	North Carolina (20)	North Carolina (65)
Indiana (72)	New Jersey (56)	New Hampshire (61)	Texas (60)	Texas (57)	Arizona (19)	Maine (64)
Oregon (72)	Arizona (56)	California (61)	Kansas (60)	Utah (56)	New Jersey (19)	Minnesota (64)
Montana (72)	Kansas (56)	Alabama (60)	Arizona (59)	California (56)	Massachusetts (19)	Georgia (64)
Texas (71)	Oregon (56)	Connecticut (60)	Connecticut (59)	Washington (55)	Oregon (19)	Montana (64)
New Mexico (71)	Wisconsin (55)	Iowa (60)	Illinois (59)	Idaho (54)	Washington (19)	Texas (63)
Michigan (70)	Virginia (55)	Virginia (60)	New York (58)	Minnesota (54)	Connecticut (19)	Iowa (63)
Wisconsin (70)	Michigan (55)	Idaho (60)	Wisconsin (56)	Iowa (54)	Minnesota (18)	Wyoming (63)
Washington (69)	Colorado (54)	Rhode Island (59)	Hawaii (55)	Illinois (54)	Kansas (18)	Wisconsin (62)
DC (68)	North Dakota (54)	Michigan (58)	Washington (54)	Hawaii (54)	Iowa (18)	Virginia (62)
California (67)	Connecticut (54)	Wisconsin (58)	California (54)	Nebraska (54)	Nebraska (18)	New Hampshire (61)
Utah (66)	Illinois (53)	Minnesota (58)	Virginia (53)	Nevada (53)	Texas (18)	Massachusetts (61)
Minnesota (66)	Minnesota (53)	Texas (58)	Colorado (52)	New Hampshire (52)	Utah (18)	Kansas (60)
Kansas (66)	Iowa (53)	South Carolina (58)	Nevada (52)	Arizona (52)	Nevada (18)	Utah (60)
Arizona (65)	California (52)	Utah (55)	Idaho (50)	Wisconsin (52)	Illinois (18)	Delaware (60)
Illinois (64)	Montana (52)	Wyoming (55)	New Hampshire (50)	Rhode Island (51)	California (17)	Vermont (59)
South Carolina (63)	Rhode Island (51)	Illinois (55)	Nebraska (48)	Oregon (49)	Colorado (17)	Rhode Island (58)
Colorado (57)	Vermont (49)	Massachusetts (54)	Utah (47)	Vermont (48)	New Hampshire (17)	Washington (57)
Vermont (57)	Hawaii (48)	Nebraska (49)	Wyoming (45)	Colorado (48)	Idaho (16)	Colorado (57)
Wyoming (53)	Utah (46)	Delaware (48)	Oregon (44)	Virginia (48)	Vermont (16)	Nebraska (55)