

# STATE HAI PROGRESS

HEALTHCARE ASSOCIATED INFECTIONS PROGRESS



## LEGEND



2013 state SIR is significantly lower (better) than comparison group in column header



Change in 2013 state SIR compared to group in column header is not statistically significant



2013 state SIR is significantly higher (worse) than comparison group in column header



2013 state SIR cannot be calculated



Yes

## CLABSIs: CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS

STATE	CLABSIs: CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS							
	2013 Reporting and Validation					2013 State CLABSI SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Alabama	75	✓	✓	✓		↕	↑	↓
Alaska	10					↓	↓	↓
Arizona	56					↕	↑	↓
Arkansas	48	✓	✓	✓	✓	↕	↕	↓
California	350	✓	✓	✓		↕	↓	↓
Colorado	52	✓	✓	✓	✓	↕	↕	↓
Connecticut	30	✓	✓	✓		↓	↕	↓
D.C.	8	✓	✓	✓		↕	↑	↓
Delaware	8	✓	✓	✓		↑	↑	↓
Florida	191					↕	↑	↓
Georgia	102	✓	✓			↕	↑	↓
Hawaii	15	✓	✓	✓		↕	↓	↓
Idaho	16					↕	↓	↓
Illinois	148	✓	✓	✓		↓	↓	↓
Indiana	104	✓	✓			↕	↑	↓
Iowa	50		✓	✓		↕	↕	↓
Kansas	49		✓	✓		↕	↕	↓
Kentucky	72		✓			↓	↑	↓
Louisiana	79		✓	✓		↕	↑	↓
Maine	21	✓	✓	✓		↓	↕	↓
Maryland	47	✓	✓	✓		↕	↕	↓
Massachusetts	69	✓	✓	✓		↕	↕	↓
Michigan	97		✓	✓		↕	↓	↓
Minnesota	47	✓				↕	↓	↓
Mississippi	47		✓			↓	↑	↓
Missouri	74		✓			↕	↓	↓

HD<sup>+</sup>: State Health Department

Data Checked for Quality<sup>‡</sup>: State analyzed 2013 data for quality and completeness.

Additional In-Depth Data Review<sup>‡</sup>: State reviewed medical records to determine 2013 data accuracy.

THIS REPORT IS BASED ON 2013 DATA, PUBLISHED JANUARY 2015

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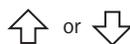
HEALTHCARE ASSOCIATED INFECTIONS PROGRESS



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2013 state SIR cannot be calculated



Yes

## CLABSIs: CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS

STATE	CLABSIs: CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS							
	2013 Reporting and Validation					2013 State CLABSI SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD* has Access to Data	Data Checked for Quality†	Additional In-Depth Data Review‡	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Montana	14				✓	↕	↕	↓
Nebraska	20					↕	↑	↓
Nevada	23	✓	✓			↕	↑	↓
New Hampshire	24	✓	✓	✓		↕	↕	↓
New Jersey	72	✓	✓	✓		↓	↑	↓
New Mexico	36	✓	✓	✓	✓	↕	↕	↓
New York	172	✓	✓	✓	✓	↓	↕	↓
North Carolina	98	✓	✓	✓		↕	↕	↓
North Dakota	6					↕	↕	↓
Ohio	137					↕	↓	↓
Oklahoma	53	✓	✓	✓		↕	↓	↓
Oregon	49	✓	✓	✓		↕	↓	↓
Pennsylvania	172	✓	✓	✓		↕	↓	↓
Puerto Rico	18		✓			↓	↑	↓
Rhode Island	11	✓	✓			↕	↕	↓
South Carolina	65	✓	✓	✓	✓	↕	↕	↓
South Dakota	16		✓	✓	✓	↕	↓	↓
Tennessee	95	✓	✓	✓		↓	↓	↓
Texas	281	✓	✓	✓		↕	↕	↓
Utah	26	✓	✓	✓		↕	↕	↓
Vermont	7	✓	✓	✓		↕	↓	↓
Virginia	81	✓	✓	✓		↕	↕	↓
Washington	83	✓	✓	✓	✓	↕	↕	↓
West Virginia	43	✓	✓	✓		↕	↓	↓
Wisconsin	90		✓	✓		↕	↕	↓
Wyoming	21					↕	↕	↕

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2013 state SIR cannot be calculated



Yes

## CAUTI<sup>s</sup>: CATHETER-ASSOCIATED URINARY TRACT INFECTIONS

STATE	CAUTI <sup>s</sup> : CATHETER-ASSOCIATED URINARY TRACT INFECTIONS							
	2013 Reporting and Validation					2013 State CAUTI SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2009 Nat'l Baseline
Alabama	86	✓	✓	✓	✓	↑	↓	↓
Alaska	10					↔	↔	↑
Arizona	55					↔	↔	↑
Arkansas	49	✓	✓	✓		↔	↔	↑
California	341					↑	↓	↓
Colorado	52					↔	↓	↓
Connecticut	31	✓	✓	✓		↔	↑	↑
D.C.	7		✓	✓		↔	↑	↑
Delaware	8	✓	✓	✓		↑	↑	↑
Florida	190					↑	↓	↓
Georgia	105	✓	✓			↑	↑	↑
Hawaii	15	✓	✓	✓		↓	↓	↓
Idaho	17				✓	↔	↔	↑
Illinois	148					↔	↓	↔
Indiana	110	✓	✓			↑	↑	↑
Iowa	68		✓	✓		↔	↓	↔
Kansas	53		✓	✓		↑	↑	↑
Kentucky	73		✓			↑	↑	↑
Louisiana	81		✓	✓		↔	↓	↓
Maine	21		✓	✓		↔	↑	↑
Maryland	39					↓	↑	↑
Massachusetts	69					↑	↑	↑
Michigan	98		✓	✓		↑	↑	↑
Minnesota	51	✓				↓	↑	↑
Mississippi	48		✓			↔	↑	↑
Missouri	76					↑	↑	↑

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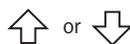
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2013 state SIR cannot be calculated



Yes

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STATE	CAUTI <sup>s</sup> : CATHETER-ASSOCIATED URINARY TRACT INFECTIONS							
	2013 Reporting and Validation					2013 State CAUTI SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2009 Nat'l Baseline
Montana	14				✓	↕	↓	↓
Nebraska	20					↕	↕	↕
Nevada	24					↑	↑	↑
New Hampshire	23	✓	✓	✓		↕	↕	↕
New Jersey	72	✓	✓	✓		↓	↕	↑
New Mexico	35					↕	↓	↕
New York	172		✓			↓	↑	↑
North Carolina	98	✓	✓	✓		↑	↑	↑
North Dakota	6					↑	↓	↓
Ohio	136					↑	↓	↓
Oklahoma	58					↑	↓	↓
Oregon	50		✓			↓	↑	↑
Pennsylvania	184	✓	✓	✓		↑	↓	↑
Puerto Rico	18		✓			↓	↓	↓
Rhode Island	10					↕	↑	↑
South Carolina	64					↓	↑	↑
South Dakota	18		✓			↑	↓	↓
Tennessee	94	✓	✓	✓		↓	↑	↑
Texas	289		✓	✓		↑	↕	↑
Utah	26	✓	✓	✓	✓	↕	↑	↑
Vermont	5					↕	↕	↕
Virginia	81					↑	↕	↑
Washington	69					↕	↕	↑
West Virginia	47	✓	✓	✓		↕	↓	↓
Wisconsin	102		✓	✓		↑	↓	↓
Wyoming	24					↕	↓	↓

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Yes

## SSIs: SURGICAL SITE INFECTIONS, ABDOMINAL HYSTERECTOMY

STATE	SSIs: SURGICAL SITE INFECTIONS, ABDOMINAL HYSTERECTOMY							
	2013 Reporting and Validation					2013 State SSI: HYST SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Alabama	60	✓	✓	✓		↑	↓	↓
Alaska	8					↑	↓	↓
Arizona	52					↓	↑	↑
Arkansas	39	✓	✓	✓		↑	↑	↓
California	303	✓	✓	✓	✓	↓	↓	↓
Colorado	56	✓	✓	✓		↑	↑	↓
Connecticut	29	✓	✓	✓		↑	↑	↑
D.C.	7		✓			↓	↑	↑
Delaware	7	✓	✓	✓		↑	↑	↑
Florida	172					↓	↑	↓
Georgia	90	✓	✓			↑	↑	↓
Hawaii	13	✓	✓	✓		↓	↓	↓
Idaho	17				✓	↑	↑	↑
Illinois	135					↓	↓	↓
Indiana	98	✓	✓			↑	↓	↓
Iowa	33					↓	↑	↓
Kansas	41		✓	✓		↓	↓	↓
Kentucky	60		✓			↑	↑	↓
Louisiana	79		✓	✓		↓	↑	↓
Maine	19		✓	✓		↑	↑	↓
Maryland	12					↓	↑	↑
Massachusetts	57	✓	✓	✓		↑	↑	↑
Michigan	88		✓	✓		↑	↑	↑
Minnesota	50	✓				↓	↑	↑
Mississippi	42		✓			↓	↓	↓
Missouri	67		✓			↓	↓	↓

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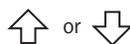
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2013 state SIR cannot be calculated



Yes

STATE	SSIs: SURGICAL SITE INFECTIONS, ABDOMINAL HYSTERECTOMY							
	2013 Reporting and Validation					2013 State SSI: HYST SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD* has Access to Data	Data Checked for Quality†	Additional In-Depth Data Review‡	vs. 2012 State SIR	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Montana	14					↕	↕	↕
Nebraska	19					↘	↘	↘
Nevada	20					↕	↘	↘
New Hampshire	22	✓	✓	✓		↕	↘	↘
New Jersey	66	✓	✓	✓		↘	↘	↘
New Mexico	26					↕	↘	↘
New York	158	✓	✓	✓	✓	↘	↗	↗
North Carolina	89	✓	✓	✓		↕	↕	↕
North Dakota	6					↕	↕	↕
Ohio	128					↘	↘	↘
Oklahoma	62					↘	↘	↘
Oregon	46	✓	✓	✓		↗	↕	↕
Pennsylvania	146	✓	✓	✓		↘	↕	↘
Puerto Rico	0		✓			▨	▨	▨
Rhode Island	11					↘	↕	↘
South Carolina	51	✓	✓	✓	✓	↘	↘	↘
South Dakota	14		✓			↕	↕	↕
Tennessee	87	✓	✓	✓		↕	↕	↘
Texas	290	✓	✓	✓		↘	↘	↘
Utah	29	✓	✓	✓		↕	↕	↕
Vermont	12	✓	✓	✓		↘	↘	↘
Virginia	66					↘	↘	↘
Washington	64	✓	✓	✓		↕	↘	↘
West Virginia	34	✓	✓	✓		↕	↘	↘
Wisconsin	75		✓	✓		↘	↘	↘
Wyoming	13					↕	↕	↘

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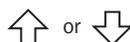
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2013 state SIR cannot be calculated



Yes

## SSIs: SURGICAL SITE INFECTIONS, COLON SURGERY

STATE	SSIs: SURGICAL SITE INFECTIONS, COLON SURGERY							
	2013 Reporting and Validation					2013 State SSI: COLON SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD* has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2012 State SIR*	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Alabama	72	✓	✓	✓		↕	↓	↓
Alaska	9					↕	↕	↕
Arizona	51					↕	↑	↕
Arkansas	39	✓	✓	✓		↕	↕	↓
California	318	✓	✓	✓	✓	↑	↓	↓
Colorado	57	✓	✓	✓		↕	↓	↓
Connecticut	30	✓	✓	✓		↕	↑	↕
D.C.	7		✓			↕	↕	↕
Delaware	7	✓	✓	✓		↕	↕	↕
Florida	183					↕	↓	↓
Georgia	96	✓	✓			↕	↕	↓
Hawaii	13	✓	✓	✓		↕	↕	↕
Idaho	18				✓	↕	↕	↕
Illinois	138					↑	↓	↓
Indiana	101	✓	✓			↕	↑	↕
Iowa	36					↕	↕	↕
Kansas	43		✓	✓		↑	↑	↑
Kentucky	66		✓			↕	↓	↓
Louisiana	78		✓	✓		↕	↑	↕
Maine	21		✓	✓		↕	↕	↕
Maryland	22					↕	↕	↕
Massachusetts	62					↑	↑	↑
Michigan	92		✓	✓		↑	↑	↕
Minnesota	51	✓				↑	↕	↕
Mississippi	43		✓			↕	↕	↕
Missouri	74					↕	↓	↓

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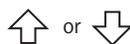
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2013 state SIR cannot be calculated



Yes

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	2013 Reporting and Validation					2013 State SSI: COLON SIR		
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD* has Access to Data	Data Checked for Quality†	Additional In-Depth Data Review‡	vs. 2012 State SIR*	vs. 2013 Nat'l SIR	vs. 2008 Nat'l Baseline
Montana	14					↑	↓	↓
Nebraska	19					↑	↑	↑
Nevada	22					↓	↑	↑
New Hampshire	25	✓	✓	✓		↑	↓	↓
New Jersey	72	✓	✓	✓		↑	↓	↓
New Mexico	27					↑	↓	↓
New York	171	✓	✓	✓	✓	↑	↑	↑
North Carolina	93	✓	✓	✓		↑	↓	↓
North Dakota	6					↓	↑	↑
Ohio	131					↑	↓	↓
Oklahoma	56					↑	↑	↑
Oregon	50	✓	✓	✓		↓	↓	↓
Pennsylvania	160	✓	✓	✓		↑	↓	↓
Puerto Rico	0		✓					
Rhode Island	11					↓	↑	↑
South Carolina	57	✓	✓	✓	✓	↓	↑	↓
South Dakota	14		✓			↓	↑	↓
Tennessee	95	✓	✓	✓		↑	↓	↓
Texas	285	✓	✓	✓		↑	↓	↓
Utah	30	✓	✓	✓		↓	↑	↑
Vermont	6					↑	↑	↑
Virginia	75					↑	↓	↓
Washington	70	✓	✓	✓		↑	↑	↓
West Virginia	36	✓	✓	✓		↑	↑	↓
Wisconsin	84		✓	✓		↑	↓	↓
Wyoming	12					↓	↓	↓

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Yes

## MRSA Bacteremia: LABORATORY IDENTIFIED HOSPITAL-ONSET BLOODSTREAM INFECTIONS

STATE	2013 Reporting and Validation					2013 State MRSA Bacteremia SIR	
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2013 Nat'l SIR	vs. 2011 Nat'l Baseline
Alabama	93					↑	↑
Alaska	11					↓	↓
Arizona	63					↕	↕
Arkansas	47	✓	✓	✓		↑	↕
California	359	✓	✓	✓		↓	↓
Colorado	56		✓			↕	↓
Connecticut	32	✓	✓	✓	✓	↓	↓
D.C.	9	✓	✓	✓		↑	↑
Delaware	8	✓	✓			↕	↕
Florida	190					↑	↑
Georgia	111	✓	✓			↑	↕
Hawaii	13	✓	✓	✓		↓	↓
Idaho	21				✓	↓	↓
Illinois	183	✓	✓	✓		↓	↓
Indiana	102					↕	↓
Iowa	41		✓	✓		↓	↓
Kansas	59		✓	✓		↓	↓
Kentucky	71		✓			↑	↑
Louisiana	101		✓	✓		↑	↑
Maine	25		✓	✓		↕	↕
Maryland	13					↕	↕
Massachusetts	71					↓	↓
Michigan	104		✓	✓		↕	↕
Minnesota	53	✓				↓	↓
Mississippi	64		✓			↑	↕
Missouri	82					↓	↓

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## LEGEND



2013 state SIR is significantly lower (better) than comparison group in column header



Change in 2013 state SIR compared to group in column header is not statistically significant



2013 state SIR is significantly higher (worse) than comparison group in column header



2013 state SIR cannot be calculated



Yes

## MRSA Bacteremia: LABORATORY IDENTIFIED HOSPITAL-ONSET BLOODSTREAM INFECTIONS

STATE	2013 Reporting and Validation					2013 State MRSA Bacteremia SIR	
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2013 Nat'l SIR	vs. 2011 Nat'l Baseline
Montana	15					↘	↓
Nebraska	24					↓	↓
Nevada	23	✓	✓			↘	↘
New Hampshire	21					↓	↓
New Jersey	72	✓	✓			↑	↑
New Mexico	37			✓		↓	↓
New York	179		✓			↑	↗
North Carolina	100	✓	✓	✓		↗	↘
North Dakota	11		✓			↗	↗
Ohio	144	✓	✓			↘	↓
Oklahoma	91					↗	↗
Oregon	49		✓			↓	↓
Pennsylvania	168	✓	✓	✓		↑	↗
Puerto Rico	3		✓				
Rhode Island	11					↘	↘
South Carolina	66	✓	✓	✓	✓	↗	↘
South Dakota	23		✓			↘	↘
Tennessee	115	✓	✓	✓		↑	↑
Texas	359					↘	↓
Utah	37	✓	✓	✓		↓	↓
Vermont	13					↓	↓
Virginia	84					↘	↘
Washington	59					↘	↓
West Virginia	39	✓	✓	✓		↗	↘
Wisconsin	88		✓	✓		↓	↓
Wyoming	14					↘	↘

HD<sup>+</sup>: State Health Department

Data Checked for Quality<sup>‡</sup>: State analyzed 2013 data for quality and completeness.

Additional In-Depth Data Review<sup>‡</sup>: State reviewed medical records to determine 2013 data accuracy.

THIS REPORT IS BASED ON 2013 DATA, PUBLISHED JANUARY 2015

# STATE HAI PROGRESS

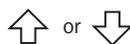
HEALTHCARE ASSOCIATED INFECTIONS PROGRESS



## LEGEND



2013 state SIR is significantly lower (better) than comparison group in column header



Change in 2013 state SIR compared to group in column header is not statistically significant



2013 state SIR is significantly higher (worse) than comparison group in column header



2013 state SIR cannot be calculated



Yes

## C. difficile Infections: LABORATORY IDENTIFIED HOSPITAL-ONSET C. DIFFICILE INFECTIONS

STATE	2013 Reporting and Validation					2013 State C. diff Infection SIR	
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2013 Nat'l SIR	vs. 2011 Nat'l Baseline
Alabama	93					↓	↓
Alaska	11					↓	↓
Arizona	62					↑	↕
Arkansas	47	✓	✓	✓		↓	↓
California	359	✓	✓	✓		↑	↑
Colorado	55		✓			↑	↕
Connecticut	32	✓	✓	✓		↑	↕
D.C.	7		✓	✓		↕	↓
Delaware	8	✓	✓			↑	↕
Florida	190					↕	↓
Georgia	111	✓	✓			↓	↓
Hawaii	13	✓	✓	✓		↓	↓
Idaho	20				✓	↓	↓
Illinois	183	✓	✓	✓		↕	↓
Indiana	102					↕	↓
Iowa	57		✓	✓		↓	↓
Kansas	64		✓	✓		↕	↓
Kentucky	71		✓		✓	↑	↕
Louisiana	101		✓	✓		↓	↓
Maine	36	✓	✓	✓	✓	↓	↓
Maryland	46	✓	✓	✓		↑	↑
Massachusetts	71					↑	↕
Michigan	104		✓	✓		↕	↓
Minnesota	55	✓				↓	↓
Mississippi	65		✓			↓	↓
Missouri	82					↓	↓

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# STATE HAI PROGRESS

HEALTHCARE ASSOCIATED INFECTIONS PROGRESS



## LEGEND



2013 state SIR is significantly lower (better) than comparison group in column header



or

Change in 2013 state SIR compared to group in column header is not statistically significant



2013 state SIR is significantly higher (worse) than comparison group in column header



2013 state SIR cannot be calculated



Yes

## C. difficile Infections: LABORATORY IDENTIFIED HOSPITAL-ONSET C. DIFFICILE INFECTIONS

STATE	2013 Reporting and Validation					2013 State C. diff Infection SIR	
	# Hospitals Reporting to NHSN	State Reporting Mandate	State HD <sup>+</sup> has Access to Data	Data Checked for Quality <sup>‡</sup>	Additional In-Depth Data Review <sup>‡</sup>	vs. 2013 Nat'l SIR	vs. 2011 Nat'l Baseline
Montana	16					↘	↓
Nebraska	24					↓	↓
Nevada	22					↑	↑
New Hampshire	22					↓	↓
New Jersey	72					↑	↗
New Mexico	39	✓	✓	✓		↑	↗
New York	180	✓	✓	✓	✓	↑	↓
North Carolina	100	✓	✓	✓		↓	↓
North Dakota	11		✓			↘	↓
Ohio	144	✓	✓			↑	↓
Oklahoma	91					↘	↓
Oregon	59	✓	✓	✓		↓	↓
Pennsylvania	167	✓	✓	✓		↑	↓
Puerto Rico	4						
Rhode Island	11	✓				↑	↑
South Carolina	64					↓	↓
South Dakota	23		✓			↓	↓
Tennessee	115	✓	✓	✓		↓	↓
Texas	359					↓	↓
Utah	35	✓	✓	✓		↘	↓
Vermont	13					↓	↓
Virginia	84					↑	↘
Washington	61					↑	↓
West Virginia	41	✓	✓	✓		↑	↗
Wisconsin	95		✓	✓		↘	↓
Wyoming	27					↘	↘

HD<sup>+</sup>: State Health Department

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