

**Iowa 2018**

**Disease Surveillance Data Report for**

**Chlamydia, Gonorrhea, and Syphilis**



**Division of Behavioral Health**

**Bureau of HIV, STD, and Hepatitis**

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2018 Iowa Chlamydia

Age Group	Asian		Black		Hispanic		American Indian Alaskan Native		White		Hawaiian Native Pacific Islander		Multiracial		Unreported Race		Total Male		Total Female	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Rate	F	Rate
0 - 4	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	†	2	†
5 - 9	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	†	2	†
10 - 14	0	0	3	10	1	6	0	0	2	21	0	0	0	2	2	1	8	†	40	39.6
15 - 19	3	29	268	518	67	214	2	12	329	1,683	0	6	20	64	47	157	736	669.9	2,683	2,555.7
20 - 24	28	58	461	618	151	341	6	17	1,095	2,696	4	15	18	69	139	210	1,902	1,600.6	4,024	3,641.3
25 - 29	11	23	283	272	79	153	7	16	584	1,089	4	9	16	33	67	95	1,051	1,022.1	1,690	1,736.2
30 - 34	6	13	149	98	43	71	1	11	317	464	3	8	6	8	31	51	556	556.8	724	757.2
35 - 39	6	5	80	35	21	26	2	5	193	249	0	1	5	0	17	16	324	320.9	337	344.3
40 - 44	2	2	36	13	6	14	0	3	95	126	0	0	4	1	6	10	149	168.8	169	196.6
45 - 54	3	1	24	8	5	11	1	0	80	75	0	1	2	1	11	6	126	65.8	103	54.4
55 - 64	1	2	5	0	2	4	0	0	23	9	0	0	0	0	2	4	33	16.0	19	9.0
65+	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	6	†	0	†
<b>Total</b>	<b>60</b>	<b>133</b>	<b>1,311</b>	<b>1,573</b>	<b>375</b>	<b>841</b>	<b>19</b>	<b>65</b>	<b>2,723</b>	<b>6,413</b>	<b>11</b>	<b>40</b>	<b>71</b>	<b>178</b>	<b>322</b>	<b>550</b>	<b>4,892</b>		<b>9,793</b>	
<b>Rate*</b>	<b>146</b>	<b>333</b>	<b>2,156</b>	<b>2,916</b>	<b>380</b>	<b>924</b>	<b>413</b>	<b>1,364</b>	<b>204</b>	<b>470</b>	<b>†</b>	<b>2,813</b>	<b>272</b>	<b>689</b>	<b>*</b>	<b>*</b>		<b>313</b>		<b>619</b>

Age	Cases	% of Positives	Total Rate
Total 0-4	3	0.0%	†
Total 5-9	2	0.0%	†
Total 10-14	48	0.3%	23.2
Total 15-19	3,419	23.3%	1,591.4
Total 20-24	5,926	40.4%	2,583.9
Total 25-29	2,741	18.7%	1,369.4
Total 30-34	1,280	8.7%	654.8
Total 35-39	661	4.5%	332.4
Total 40-44	318	2.2%	182.5
Total 45-54	229	1.6%	60.1
Total 55-64	52	0.4%	12.5
Total 65+	6	0.0%	†
<b>Grand Total</b>	<b>14,685</b>	<b>100%</b>	<b>467</b>

Race	Cases	% of Positives	Total Rate
Total Asian =	193	1.3%	238.7
Total Black =	2,884	19.6%	2,513.1
Total Hispanic =	1,216	8.3%	640.6
Total Amer In/AK Native =	84	0.6%	897.5
Total White =	9,136	62.2%	338.9
Total HI Native/PI	51	0.3%	1,701.7
Total Multiracial =	249	1.7%	479.1
Total Unreported =	872	5.9%	*
<b>Grand Total</b>	<b>14,685</b>	<b>100%</b>	<b>467</b>

Gender	Cases	% of Positives
Male	4,892	33.3%
Female	9,793	66.7%

Rate: Number of cases per 100,000 population

Data as of April 2019

Source: Iowa Dept of Public Health, STD Prevention Program

\*Rate not reported on Unreported Race

† Calculation of rate is inappropriate due to small number of cases

Population based on 2010 census, estimated to 2017, per Iowa Data Center

**2018 Iowa Gonorrhea**

Age Group	Asian		Black		Hispanic		Alaskan Native Native		White		Hawaiian Native Pacific Islander		Multiracial		Unreported Race		Total Male		Total Female	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Rate	F	Rate
0 - 4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	†	0	†
5 - 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
10 - 14	0	0	1	1	0	0	0	0	1	5	0	0	0	0	0	0	2	†	6	†
15 - 19	1	5	93	149	9	37	1	6	71	227	0	2	6	8	5	8	186	169.3	442	421.0
20 - 24	8	4	233	174	42	58	8	6	243	431	1	1	8	21	18	20	561	472.1	715	647.0
25 - 29	5	5	212	119	48	40	4	9	265	355	2	2	6	8	15	10	557	541.7	548	563.0
30 - 34	4	2	143	44	25	25	3	15	218	243	1	1	5	3	11	10	410	410.6	343	358.7
35 - 39	4	1	78	25	16	7	2	4	169	175	1	0	3	2	11	5	284	281.3	219	223.7
40 - 44	0	1	41	8	8	4	2	3	83	92	0	0	1	0	4	5	139	157.4	113	131.5
45 - 54	3	0	40	3	9	1	1	2	101	63	0	0	4	1	5	5	163	85.1	75	39.6
55 - 64	0	0	9	3	4	0	1	0	39	9	0	0	0	0	2	1	55	26.6	13	†
65+	0	0	1	0	0	0	0	0	3	2	0	0	0	0	0	0	4	†	2	†
<b>Total</b>	<b>25</b>	<b>18</b>	<b>853</b>	<b>526</b>	<b>161</b>	<b>172</b>	<b>22</b>	<b>45</b>	<b>1,193</b>	<b>1,602</b>	<b>5</b>	<b>6</b>	<b>33</b>	<b>43</b>	<b>71</b>	<b>64</b>	<b>2,363</b>		<b>2,476</b>	
<b>Rate</b>	<b>61</b>	<b>45</b>	<b>1,403</b>	<b>975</b>	<b>163</b>	<b>189</b>	<b>479</b>	<b>945</b>	<b>90</b>	<b>117</b>	†	†	<b>126</b>	<b>166</b>	*	*		<b>151</b>		<b>157</b>

Age	Cases	% of Positives	Total Rate
Total 0-4	2	0.0%	†
Total 5-9	0	0.0%	†
Total 10-14	8	0.2%	†
Total 15-19	628	13.0%	292.3
Total 20-24	1,276	26.4%	556.4
Total 25-29	1,105	22.8%	552.0
Total 30-34	753	15.6%	385.2
Total 35-39	503	10.4%	253.0
Total 40-44	252	5.2%	144.6
Total 45-54	238	4.9%	62.5
Total 55-64	68	1.4%	16.3
Total 65+	6	0.1%	†
<b>Grand Total</b>	<b>4,839</b>	<b>100%</b>	<b>154</b>

Race	Cases	% of Positives	Total Rate
Total Asian =	43	0.9%	53.2
Total Black =	1,379	28.5%	1,201.7
Total Hispanic =	333	6.9%	175.4
Total Amer In/AK Native	67	1.4%	715.9
Total White =	2,795	57.8%	103.7
Total HI Native/PI=	11	0.2%	†
Total Multiracial =	76	1.6%	146.2
Total Unreported =	135	2.8%	*
<b>Grand Total</b>	<b>4,839</b>	<b>100%</b>	<b>154</b>

Gender	Cases	% of Positives
Male	2,363	48.8%
Female	2,476	51.2%

Rate: Number of cases per 100,000 population

Data as of April 2019

Source: Iowa Dept of Public Health, STD Prevention Program

\*Rate not reported on Unreported Race

† Calculation of rate is inappropriate due to small number of cases

Population based on 2010 census, estimated to 2017, per Iowa Data Center

**2018 Iowa Primary & Secondary Syphilis**

Age Group	Asian		Black		Hispanic		Alaskan Native Native		White		Hawaiiin Native Pacific Islander		Mutiracial		Unreported Race		Total Male		Total Female	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Rate	F	Rate
0 - 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
5 - 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
15 - 19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	†	0	†
20 - 24	1	0	6	0	0	0	0	0	8	3	0	0	1	0	0	16	13.5	3	†	†
25 - 29	0	0	2	2	2	0	0	0	12	2	0	0	0	0	0	16	15.6	4	†	†
30 - 34	0	0	3	1	1	1	0	0	5	2	0	0	0	0	0	9	†	4	†	†
35 - 39	0	0	1	0	1	0	0	0	4	0	0	0	0	0	0	6	†	0	†	†
40 - 44	0	0	1	0	1	0	0	0	8	0	0	0	0	0	0	10	†	0	†	†
45 - 54	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	†	0	†	†
55 - 64	0	0	1	0	0	0	0	0	8	0	0	0	0	0	0	9	†	0	†	†
65+	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	†	0	†	†
<b>Total</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>		<b>11</b>	
<b>Rate<sup>3</sup></b>	†	†	†	†	†	†	†	†	<b>4.0</b>	†	†	†	†	†	*	*		<b>4.8</b>		<b>0.7</b>

Age	Cases	% of Positives	Total Rate
Total 0-4	0	0%	†
Total 5-9	0	0%	†
Total 10-14	0	0%	†
Total 15-19	1	1%	†
Total 20-24	19	22%	8.3
Total 25-29	20	23%	10.0
Total 30-34	13	15%	†
Total 35-39	6	7%	†
Total 40-44	10	12%	†
Total 45-54	5	6%	†
Total 55-64	9	10%	†
Total 65+	3	3%	†
<b>Grand Total</b>	<b>86</b>	<b>100%</b>	<b>2.7</b>

Race	Cases	% of Positives	Total Rate
Total Asian =	1	1%	†
Total Black =	17	20%	14.8
Total Hispanic =	7	8%	†
Total Amer In/AK Native	0	0%	†
Total White =	60	70%	2.2
Total HI Native/PI =	0	0%	†
Total Multiracial =	1	1%	†
Total Unreported =	0	0%	*
<b>Grand Total</b>	<b>86</b>	<b>100%</b>	<b>2.7</b>

Gender	Cases	% of Positives
Male	75	87.2%
Female	11	12.8%

Rate: Number of cases per 100,000 population

Data as of April 2019

Source: Iowa Dept of Public Health, STD Prevention Program

\*Rate not reported on Unreported Race

† Calculation of rate is inappropriate due to small number of cases

Population based on 2010 census, estimated to 2017, per Iowa Data Center

**Iowa Early Syphilis (Primary, Secondary, and Early Non-Primary, Non-Secondary) 2018**

Age Group	Asian		Black		Hispanic		Alaskan Native Native		White		Hawaiian Native Pacific Islander		Mutiracial		Unreported Race		Total Male		Total Female	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Rate	F	Rate
0 - 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
5 - 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
15 - 19	0	0	0	0	2	0	0	0	1	0	0	0	0	1	0	0	3	†	1	†
20 - 24	1	0	8	1	2	0	0	0	12	5	0	0	1	0	0	0	24	20.2	6	†
25 - 29	0	0	6	5	6	1	0	0	19	4	0	0	1	0	0	0	32	31.1	10	†
30 - 34	0	0	5	1	2	1	0	0	13	4	0	0	1	0	0	0	21	21.0	6	†
35 - 39	0	0	1	0	3	0	0	0	8	1	0	0	0	0	0	0	12	†	1	†
40 - 44	0	0	2	0	3	0	0	0	17	0	0	0	0	0	0	0	22	24.9	0	†
45 - 54	0	0	2	2	0	0	0	0	9	0	0	0	1	0	0	0	12	†	2	†
55 - 64	0	0	2	0	1	0	0	0	13	0	0	0	0	0	0	0	16	7.7	0	†
65+	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	†	0	†
<b>Total</b>	<b>1</b>	<b>0</b>	<b>26</b>	<b>9</b>	<b>19</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>95</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>145</b>		<b>26</b>	
<b>Rate</b>	†	†	42.8	†	19.2	†	†	†	7.1	1.0	†	†	†	†	*	*		9.3		1.6

Age	Cases	% of Positives	Total Rate
Total 0-4	0	0%	†
Total 5-9	0	0%	†
Total 10-14	0	0%	†
Total 15-19	4	2%	†
Total 20-24	30	18%	13.1
Total 25-29	42	25%	21.0
Total 30-34	27	16%	13.8
Total 35-39	13	8%	†
Total 40-44	22	13%	12.6
Total 45-54	14	8%	†
Total 55-64	16	9%	3.8
Total 65+	3	2%	†
Grand Total	171	100%	5.4

Race	Cases	% of Positives	Total Rate
Total Asian =	1	0.6%	†
Total Black =	35	20.5%	30.5
Total Hispanic =	21	12.3%	11.1
Total Amer In/AK Native	0	0.0%	†
Total White =	109	63.7%	4.0
Total HI Native/PI =	0	0.0%	†
Total Multiracial =	5	2.9%	†
Total Unreported =	0	0.0%	*
Grand Total	171	100%	5.4

Gender	Cases	% of Positives
Male	145	84.8%
Female	26	15.2%

Rate: Number of cases per 100,000 population

Data as of April 2019

Source: Iowa Dept of Public Health, STD Prevention Program

\*Rate not reported on Unreported Race

† Calculation of rate is inappropriate due to small number of cases

Population based on 2010 census, estimated to 2017, per Iowa Data Center

2018 Iowa Syphilis (All Stages)

Age Group	Asian		Black		Hispanic		American Indian Alaskan Native		White		Hawaiian Native Pacific Islander		Multiracial		Unreported Race		Total Male		Total Female	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Rate	F	Rate
0 - 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
5 - 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	†	0	†
15 - 19	0	0	1	0	2	0	0	0	2	1	0	0	0	1	0	0	5	†	2	†
20 - 24	2	0	8	1	4	0	0	0	15	7	0	0	1	0	0	0	30	25.2	8	†
25 - 29	1	0	8	6	10	1	0	0	26	6	0	0	1	0	0	0	46	44.7	13	†
30 - 34	0	0	8	2	5	1	0	0	19	8	1	0	1	0	0	0	34	34.0	11	†
35 - 39	0	0	1	1	4	1	1	0	16	1	0	1	0	0	0	0	22	21.8	4	†
40 - 44	1	0	6	3	3	0	0	0	21	0	0	0	0	0	0	0	31	35.1	3	†
45 - 54	0	0	10	4	1	0	1	0	16	2	0	0	1	0	0	0	29	15.1	6	†
55 - 64	0	0	5	1	1	0	0	0	18	1	0	0	0	0	0	0	24	11.6	2	†
65+	0	0	0	0	0	1	0	0	10	2	0	0	0	0	0	0	10	†	3	†
<b>Total</b>	<b>4</b>	<b>0</b>	<b>47</b>	<b>18</b>	<b>30</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>143</b>	<b>28</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>231</b>		<b>52</b>	
<b>Rate</b>	†	†	77	33	30	†	†	†	11	2	†	†	15	†	*	*		14.8		3.3

Age	Cases	% of Positives	Total Rate
Total 0-4	0	0%	†
Total 5-9	0	0%	†
Total 10-14	0	0%	†
Total 15-19	7	2%	†
Total 20-24	38	13%	16.6
Total 25-29	59	21%	29.5
Total 30-34	45	16%	23.0
Total 35-39	26	9%	13.1
Total 40-44	34	12%	19.5
Total 45-54	35	12%	9.2
Total 55-64	26	9%	6.2
Total 65+	13	5%	†
Grand Total	283	100%	9.0

Race	Cases	% Positive	Total Rate
Total Asian =	4	1.4%	†
Total Black =	65	23.0%	56.6
Total Hispanic =	34	12.0%	17.9
Total Amer In/AK Native =	2	0.7%	†
Total White =	171	60.4%	6.3
Total HI Native/PI =	2	0.7%	†
Total Multiracial =	5	1.8%	†
Total Unreported =	0	0.0%	*
Grand Total	283	100%	9.0

Gender	Cases	% Positive
Male	231	81.6%
Female	52	18.4%

\*Additionally, there were 3 congenital syphilis cases in the state

Rate: Number of cases per 100,000 population

Data as of April 2019

Source: Iowa Dept of Public Health, STD Prevention Program

\*Rate not reported on Unreported Race

† Calculation of rate is inappropriate due to small number of cases

Population based on 2010 census, estimated to 2017, per Iowa Data Center

2018 IOWA COUNTY	SYPHILIS						CHLAMYDIA			GONORRHEA			POPULATION Total
	P-S	E-NP,NS	Unk dur/late	TOTAL	DIFF <sup>1</sup>	Rate*	TOTAL	DIFF <sup>1</sup>	Rate*	TOTAL	DIFF <sup>1</sup>	Rate*	
ADAIR	0	0	0	0	(1)	†	19	0	269	10	7	†	7,054
ADAMS	0	1	0	1	1	†	7	(2)	†	1	1	†	3,686
ALLAMAKEE	0	0	0	0	(1)	†	23	2	166	11	9	†	13,884
APPANOOSE	0	0	0	0	(1)	†	36	(10)	291	12	(1)	†	12,352
AUDUBON	0	0	0	0	0	†	7	0	†	2	0	†	5,578
BENTON	0	1	0	1	0	†	64	1	250	15	(2)	58	25,642
BLACK HAWK	2	7	6	15	5	11	1,004	(27)	757	411	94	310	132,648
BOONE	0	0	0	0	(4)	†	85	7	321	17	1	64	26,484
BREMER	0	0	1	1	1	†	74	3	297	19	10	76	24,911
BUCHANAN	1	1	0	2	2	†	76	18	358	30	19	141	21,202
BUENA VISTA	0	0	1	1	0	†	67	(1)	333	13	7	†	20,110
BUTLER	0	1	0	1	0	†	32	(12)	219	9	3	†	14,606
CALHOUN	0	0	0	0	(1)	†	20	(3)	205	4	1	†	9,746
CARROLL	0	0	0	0	(1)	†	52	3	256	20	13	98	20,320
CASS	0	0	0	0	(1)	†	36	8	274	8	0	†	13,145
CEDAR	0	2	0	2	2	†	38	1	205	5	(1)	†	18,543
CERRO GORDO	1	1	0	2	2	†	185	76	430	19	6	44	43,006
CHEROKEE	0	0	0	0	0	†	18	(5)	159	9	8	†	11,316
CHICKASAW	0	0	1	1	1	†	29	9	242	2	0	†	12,005
CLARKE	0	0	1	1	1	†	40	14	427	4	(1)	†	9,374
CLAY	0	1	0	1	1	†	21	(13)	130	4	1	†	16,170
CLAYTON	0	0	0	0	0	†	33	9	187	9	7	†	17,637
CLINTON	0	2	2	4	0	†	216	17	459	41	23	87	47,010
CRAWFORD	0	0	0	0	0	†	90	36	528	14	(1)	†	17,056
DALLAS	2	0	1	3	0	†	273	12	313	44	(7)	50	87,235
DAVIS	0	0	0	0	0	†	17	(1)	190	6	3	†	8,966
DECATUR	0	0	0	0	(1)	†	35	12	440	2	(5)	†	7,950
DELAWARE	0	0	0	0	(1)	†	29	0	169	8	(2)	†	17,153
DES MOINES	2	10	0	12	9	†	262	17	665	126	(16)	320	39,417
DICKINSON	0	1	0	1	1	†	22	(5)	128	2	2	†	17,199
DUBUQUE	4	2	5	11	6	†	428	162	441	92	29	95	97,041
EMMET	1	0	0	1	0	†	37	(1)	392	3	(1)	†	9,432
FAYETTE	0	0	1	1	(1)	†	39	(6)	197	25	10	126	19,796
FLOYD	0	0	0	0	0	†	43	13	273	9	6	†	15,744
FRANKLIN	0	0	0	0	0	†	26	0	256	7	(1)	†	10,164
FREMONT	1	0	1	2	2	†	14	(1)	†	6	5	†	6,948
GREENE	0	0	0	0	(1)	†	22	(3)	245	1	(3)	†	8,981
GRUNDY	0	0	0	0	0	†	26	0	211	8	4	†	12,333
GUTHRIE	0	0	0	0	0	†	29	(7)	272	6	(3)	†	10,670
HAMILTON	0	1	0	1	1	†	41	4	271	9	6	†	15,115
HANCOCK	0	0	0	0	0	†	28	14	260	7	3	†	10,771
HARDIN	2	0	0	2	2	†	58	(11)	340	7	(2)	†	17,048
HARRISON	1	1	0	2	2	†	51	0	361	6	(7)	†	14,136
HENRY	1	0	2	3	2	†	63	8	317	25	17	126	19,863
HOWARD	0	0	0	0	(1)	†	13	(5)	†	2	1	†	9,228
HUMBOLDT	0	0	0	0	0	†	35	6	366	6	3	†	9,564
IDA	0	0	0	0	0	†	12	3	†	3	2	†	6,865
IOWA	0	0	0	0	0	†	30	(14)	186	4	1	†	16,103
JACKSON	0	0	0	0	0	†	48	3	248	5	0	†	19,366
JASPER	0	0	0	0	(4)	†	98	(3)	265	35	3	95	36,966
JEFFERSON	0	0	1	1	0	†	47	20	255	16	(1)	87	18,422
JOHNSON	7	8	9	24	0	16	1,021	4	684	222	75	149	149,210
JONES	0	0	1	1	1	†	48	(2)	234	8	0	†	20,536
KEOKUK	0	0	0	0	0	†	35	12	345	8	(4)	†	10,153
KOSSUTH	0	0	0	0	0	†	15	(14)	100	2	(5)	†	14,999
LEE	1	0	0	1	(1)	†	101	1	295	42	10	122	34,295
LINN	7	7	11	25	5	11	1,299	(14)	580	439	84	196	224,115
LOUISA	0	0	0	0	(1)	†	46	16	411	12	8	†	11,184
LUCAS	0	0	0	0	0	†	20	2	234	2	1	†	8,534
LYON	0	0	0	0	0	†	20	10	170	1	1	†	11,792
MADISON	0	0	0	0	0	†	37	(18)	231	12	0	†	16,013
MAHASKA	4	0	0	4	3	†	87	4	391	30	13	135	22,235
MARION	2	1	0	3	3	†	87	(8)	263	17	2	51	33,105
MARSHALL	1	1	1	3	(3)	†	161	25	400	54	(39)	134	40,288
MILLS	0	0	2	2	2	†	34	5	226	8	(1)	†	15,068
MITCHELL	0	0	0	0	0	†	15	6	141	3	1	†	10,631
MONONA	0	0	0	0	(1)	†	22	2	252	5	4	†	8,740
MONROE	0	0	0	0	0	†	19	3	242	3	(3)	†	7,845
MONTGOMERY	0	0	0	0	(1)	†	28	1	276	5	(4)	†	10,137
MUSCATINE	0	0	1	1	(3)	†	184	(12)	429	22	11	51	42,880
O'BRIEN	0	0	0	0	(2)	†	38	8	275	11	10	†	13,801
OSCEOLA	0	0	0	0	0	†	10	1	†	2	0	†	6,045
PAGE	1	0	0	1	1	†	39	(17)	256	8	(4)	†	15,224
PALO ALTO	0	0	0	0	0	†	25	11	275	6	3	†	9,092
PLYMOUTH	1	0	0	1	(1)	†	60	8	238	13	(2)	†	25,220
POCAHONTAS	0	0	0	0	0	†	15	6	219	5	2	†	6,846
POLK	20	17	34	71	(36)	15	3,134	23	650	1,367	248	284	481,830
POTTAWATTAMIE	8	7	7	22	6	24	509	(27)	545	314	76	336	93,386
POWESHIEK	3	0	0	3	1	†	40	8	218	7	1	†	18,314
RINGGOLD	0	0	0	0	(1)	†	10	0	†	1	(2)	†	5,034



SAC	0	0	1	1	1	†	13	(6)	†	2	1	†	9,817
SCOTT	6	5	8	19	1	11	1,006	13	583	320	86	185	172,509
SHELBY	0	0	0	0	(1)	†	25	8	215	0	(2)	†	11,628
SIOUX	0	0	0	0	(1)	†	68	21	195	10	9	†	34,860
STORY	2	0	3	5	1	†	627	147	643	91	37	93	97,502
TAMA	0	1	0	1	1	†	64	20	375	20	6	117	17,058
TAYLOR	0	0	0	0	0	†	22	(1)	356	5	5	†	6,178
UNION	0	0	0	0	0	†	76	37	610	6	(1)	†	12,450
VAN BUREN	0	1	0	1	0	†	12	(2)	†	7	1	†	7,157
WAPELLO	0	0	1	1	(2)	†	226	24	645	99	5	283	35,044
WARREN	2	2	0	4	0	†	151	(16)	301	37	(7)	74	50,163
WASHINGTON	0	0	0	0	0	†	57	(5)	256	16	5	72	22,281
WAYNE	0	0	1	1	1	†	10	(3)	†	2	0	†	6,476
WEBSTER	1	0	1	2	(1)	†	243	(44)	664	72	21	197	36,605
WINNEBAGO	0	0	0	0	0	†	35	16	331	9	7	†	10,587
WINNESHIEK	0	0	0	0	(1)	†	48	6	238	6	1	†	20,201
WOODBURY	2	3	7	12	1	†	699	175	682	343	171	335	102,429
WORTH	0	0	0	0	0	†	12	2	†	3	2	†	7,469
WRIGHT	0	0	1	1	1	†	34	6	266	3	(3)	†	12,784
<b>Total</b>	<b>86</b>	<b>85</b>	<b>112</b>	<b>283</b>	<b>(5)</b>	<b>9.0</b>	<b>14,685</b>	<b>790</b>	<b>467</b>	<b>4,839</b>	<b>1,081</b>	<b>154</b>	<b>3,145,711</b>

P-S = Primary or Secondary EL = Early Non-Primary, Non-Secondary (<1 year) Unk/Late = Unknown Duration or Late

Source: Iowa Department of Public Health, STD Prevention Program. Data as of April 2019

\* Rate = Number of Cases per 100,000 population

† Calculation of rate is inappropriate due to small number of cases

<sup>1</sup> Diff = Total difference from previous year; ( ) denotes decrease from prior year

Population based on 2010 census, estimated to 2017, per Iowa Data Center

\*Additionally, there were 3 congenital syphilis cases in the state