

CHAPTER 37

Sexually Transmitted Diseases (STD)

Lead Agency

Centers for Disease Control and Prevention

Contents

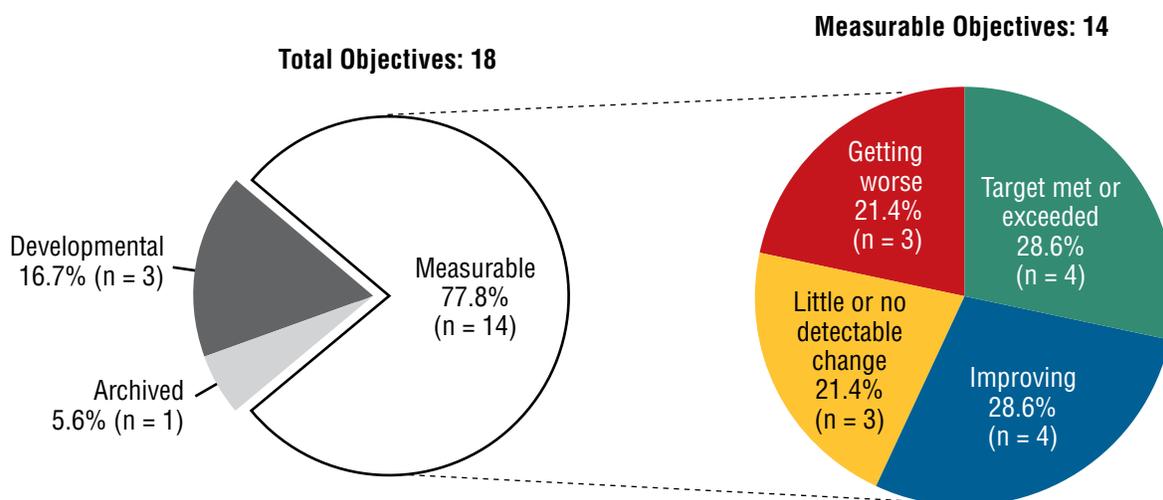
Goal	37-2
Status of Objectives	37-2
Figure 37-1. Midcourse Status of the Sexually Transmitted Diseases Objectives	37-2
Selected Findings	37-2
More Information	37-4
Footnotes	37-4
Suggested Citation	37-5
Table 37-1. Sexually Transmitted Diseases Objectives	37-6
Table 37-2. Midcourse Progress for Measurable Sexually Transmitted Diseases Objectives	37-8
Table 37-3. Midcourse Health Disparities for Population-based Sexually Transmitted Diseases Objectives	37-10
Map 37-1. New Cases of Primary and Secondary Syphilis Among Females, by State: 2014	37-12
Map 37-2. New Cases of Primary and Secondary Syphilis Among Males, by State: 2014	37-13
Map 37-3. New Cases of Congenital Syphilis, by State: 2014	37-14

Goal: Promote healthy sexual behaviors, strengthen community capacity, and increase access to quality services to prevent sexually transmitted diseases (STDs) and their complications.

This chapter includes objectives that monitor the incidence, prevalence, and screening of selected sexually transmitted diseases. The *Reader's Guide* provides a step-by-step explanation of the content of this chapter, including criteria for highlighting objectives in the Selected Findings.¹

Status of Objectives

Figure 37-1. Midcourse Status of the Sexually Transmitted Diseases Objectives



Of the 18 objectives in the Sexually Transmitted Diseases Topic Area, 1 was archived,² 3 were developmental,³ and 14 objectives were measurable⁴ (Figure 37-1, Table 37-1). The midcourse status of the measurable objectives was as follows (Table 37-2):

- 4 objectives had met or exceeded their 2020 targets,⁵
- 4 objectives were improving,⁶
- 3 objectives demonstrated little or no detectable change,⁷ and
- 3 objectives were getting worse.⁸

Selected Findings

Chlamydia

- The proportion of *Chlamydia trachomatis* infections among females aged 15–24 who had attended family planning clinics (STD-1.1) increased from 7.4% in 2008 to 8.3% in 2011, moving away from the baseline and 2020 target (Table 37-2).

- » In 2011, the disparity by race and ethnicity in the proportion of *Chlamydia trachomatis* infections among females aged 15–24 who had attended family planning clinics (STD-1.1) was not tested for statistical significance (Table 37-3).

- The proportion of *Chlamydia trachomatis* infections among females aged 16–24 who were enrolled in a National Job Training Program (STD-1.2) decreased from 12.8% in 2008 to 11.7% in 2013, moving toward the 2020 target (Table 37-2).

- » In 2013, the disparity by race and ethnicity in the proportion of *Chlamydia trachomatis* infections among females aged 16–24 who were enrolled in a National Job Training Program (STD-1.2) was not tested for statistical significance (Table 37-3).

- The proportion of *Chlamydia trachomatis* infections among males aged 16–24 who were enrolled in a National Job Training Program (STD-1.3) demonstrated little or no detectable change between 2008 and 2013 (7.0% and 7.4%, respectively) (Table 37-2).

- » In 2013, the disparity by race and ethnicity in the proportion of *Chlamydia trachomatis* infections among males aged 16–24 who were enrolled in a National Job Training Program (STD-1.3) was not tested for statistical significance (Table 37–3).
- Between 2008 and 2014, the proportion of **sexually active females aged 21–24 on Medicaid who were screened for chlamydia** (STD-3.2) increased from 59.4% to 62.0%, moving toward the 2020 target (Table 37–2).
- From 2008 to 2014, the proportion of **sexually active females with commercial health insurance who were screened for chlamydia** increased from 40.1% to 42.7% among those aged 16–20 (STD-4.1), and from 43.5% to 52.1% among those aged 21–24 (STD-4.2), moving toward their respective 2020 targets (Table 37–2).

Pelvic Inflammatory Disease

- The proportion of **females aged 15–44 who were ever treated for pelvic inflammatory disease (PID)** (STD-5) decreased from 4.2% in 2006–2010 to 3.6% in 2011–2013, exceeding the 2020 target (Table 37–2).
 - » In 2011–2013, there were statistically significant disparities by disability status and geographic location in the proportion of females aged 15–44 who were ever treated for PID (Table 37–3, STD-5). The disparities by race and ethnicity and education were not statistically significant.

Gonorrhea

- **New cases of gonorrhea among females aged 15–44** (STD-6.1) decreased from 279.9 per 100,000 population in 2008 to 248.1 in 2014, exceeding the 2020 target (Table 37–2).
 - » In 2014, the disparity by race and ethnicity in new cases of gonorrhea among females aged 15–44 (STD-6.1) was not tested for statistical significance (Table 37–3).
- Between 2008 and 2014, **new gonorrhea cases among males aged 15–44** (STD-6.2) increased from 216.5 to 262.8 per 100,000 population, moving away from the baseline and 2020 target (Table 37–2).
 - » In 2014, the disparity by race and ethnicity in new gonorrhea cases among males aged 15–44 (STD-6.2) was not tested for statistical significance (Table 37–3).

Syphilis

- Between 2008 and 2014, **new cases of primary and secondary syphilis among females** (STD-7.1) decreased from 1.4 to 1.1 per 100,000 population, exceeding the 2020 target (Table 37–2).
 - » In 2014, 39 states had met or exceeded the national target for new cases of primary and secondary syphilis among females (Map 37–1, STD-7.1).
 - » In 2014, the disparity by race and ethnicity in new cases of primary and secondary syphilis among females (STD-7.1) was not tested for statistical significance (Table 37–3).
- **New cases of primary and secondary syphilis among males** (STD-7.2) increased from 7.4 per 100,000 population in 2008 to 11.6 in 2014, moving away from the baseline and 2020 target (Table 37–2).
 - » In 2014, 23 states had met or exceeded the national target for new cases of primary and secondary syphilis among males (Map 37–2, STD-7.2).
 - » In 2014, the disparity by race and ethnicity in new cases of primary and secondary syphilis among males (STD-7.2) was not tested for statistical significance (Table 37–3).
- There was little or no detectable change in **new cases of congenital syphilis** (STD-8) between 2008 and 2014 (10.7 and 11.6 per 100,000 live births, respectively) (Table 37–2).
 - » In 2014, 36 states and the District of Columbia had met or exceeded the national target for new cases of congenital syphilis (Map 37–3, STD-8).
 - » In 2014, the disparity by race and ethnicity in new cases of congenital syphilis (STD-8) was not tested for statistical significance (Table 37–3).

Genital Herpes

- The proportion of **young adults aged 20–29 with genital herpes infection due to herpes simplex type 2** (STD-10) decreased from 10.5% in 2005–2008 to 8.5% in 2009–2012, exceeding the 2020 target (Table 37–2).
 - » In 2009–2012, there were statistically significant disparities by sex and race and ethnicity in the proportion of young adults aged 20–29 who tested positive for genital herpes infections due to herpes simplex type 2 (Table 37–3, STD-10). The disparities by education, family income, and activity limitation status were not statistically significant.

More Information

Readers interested in more detailed information about the objectives in this topic area are invited to visit the [HealthyPeople.gov](http://www.healthypeople.gov) website, where extensive substantive and technical information is available:

- For the background and importance of the topic area, see: <http://www.healthypeople.gov/2020/topics-objectives/topic/sexually-transmitted-diseases>
- For data details for each objective, including definitions, numerators, denominators, calculations, and data limitations, see: <http://www.healthypeople.gov/2020/topics-objectives/topic/sexually-transmitted-diseases/objectives>
Select an objective, then click on the “Data Details” icon.
- For objective data by population group (e.g., sex, race and ethnicity, or family income), including rates, percentages, or counts for multiple years, see: <http://www.healthypeople.gov/2020/topics-objectives/topic/sexually-transmitted-diseases/objectives>
Select an objective, then click on the “Data2020” icon.
- Additional information on statistics and trends for sexually transmitted diseases in the United States through 2014 is available from the Centers for Disease Control and Prevention’s 2014 “Sexually Transmitted Disease Surveillance” report (available from: <http://www.cdc.gov/std/stats14/>).

Data for the measurable objectives in this chapter were from the following data sources:

- Healthcare Effectiveness Data and Information Set: <http://www.ncqa.org/HEDISQualityMeasurement.aspx>
- National Health and Nutrition Examination Survey: <http://www.cdc.gov/nchs/nhanes.htm>
- National Survey of Family Growth: <http://www.cdc.gov/nchs/nsfg.htm>
- National Vital Statistics System—Nativity: <http://www.cdc.gov/nchs/births.htm>
- Population Estimates: <http://www.census.gov/popest/>
- STD Surveillance System: <http://www.cdc.gov/std/stats/>

Footnotes

¹The **Technical Notes** provide more information on Healthy People 2020 statistical methods and issues.

²**Archived** objectives are no longer being monitored due to lack of data source, changes in science, or replacement with other objectives.

³**Developmental** objectives did not have a national baseline value.

⁴**Measurable** objectives had a national baseline value.

⁵**Target met or exceeded**—One of the following, as specified in the Midcourse Progress Table:

- » At baseline the target was not met or exceeded and the midcourse value was equal to or exceeded the target. (The percentage of targeted change achieved was equal to or greater than 100%.)
- » The baseline and midcourse values were equal to or exceeded the target. (The percentage of targeted change achieved was not assessed.)

⁶**Improving**—One of the following, as specified in the Midcourse Progress Table:

- » Movement was toward the target, standard errors were available, and the percentage of targeted change achieved was statistically significant.
- » Movement was toward the target, standard errors were not available, and the objective had achieved 10% or more of the targeted change.

⁷**Little or no detectable change**—One of the following, as specified in the Midcourse Progress Table:

- » Movement was toward the target, standard errors were available, and the percentage of targeted change achieved was not statistically significant.
- » Movement was toward the target, standard errors were not available, and the objective had achieved less than 10% of the targeted change.
- » Movement was away from the baseline and target, standard errors were available, and the percentage change relative to the baseline was not statistically significant.
- » Movement was away from the baseline and target, standard errors were not available, and the objective had moved less than 10% relative to the baseline.
- » There was no change between the baseline and the midcourse data point.

⁸**Getting worse**—One of the following, as specified in the Midcourse Progress Table:

- » Movement was away from the baseline and target, standard errors were available, and the percentage change relative to the baseline was statistically significant.
- » Movement was away from the baseline and target, standard errors were not available, and the objective had moved 10% or more relative to the baseline.

Suggested Citation

National Center for Health Statistics. Chapter 37: Sexually Transmitted Diseases. Healthy People 2020 Midcourse Review. Hyattsville, MD. 2016.

Table 37–1. Sexually Transmitted Diseases Objectives

LEGEND

	Data for this objective are available in this chapter's Midcourse Progress Table.		Disparities data for this objective are available, and this chapter includes a Midcourse Health Disparities Table.		A state or county level map for this objective is available at the end of the chapter.
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Not Applicable	Midcourse data availability is not applicable for developmental and archived objectives. Developmental objectives did not have a national baseline value. Archived objectives are no longer being monitored due to lack of data source, changes in science, or replacement with other objectives.
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Objective Number	Objective Statement	Data Sources	Midcourse Data Availability
STD-1.1	Reduce the proportion of females aged 15 to 24 years with <i>Chlamydia trachomatis</i> infections attending family planning clinics	STD Surveillance System (STDSS), CDC/NCHHSTP	 
STD-1.2	Reduce the proportion of females aged 24 years and under with <i>Chlamydia trachomatis</i> infections enrolled in a National Job Training Program	STD Surveillance System (STDSS), CDC/NCHHSTP	 
STD-1.3	Reduce the proportion of males aged 24 years and under enrolled in a National Job Training Program with <i>Chlamydia trachomatis</i> infections	STD Surveillance System (STDSS), CDC/NCHHSTP	 
STD-2	(Archived) Reduce chlamydia rates among females aged 15 to 44 years		Not Applicable
STD-3.1	Increase the proportion of sexually active females aged 16 to 20 years enrolled in Medicaid plans who are screened for chlamydia infections during the measurement year	Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)	
STD-3.2	Increase the proportion of sexually active females aged 21 to 24 years enrolled in Medicaid plans who are screened for chlamydia infections during the measurement year	Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)	
STD-4.1	Increase the proportion of sexually active females aged 16 to 20 years enrolled in commercial health insurance plans who are screened for chlamydia infections during the measurement year	Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)	
STD-4.2	Increase the proportion of sexually active females aged 21 to 24 years enrolled in commercial health insurance plans who are screened for chlamydia infections during the measurement year	Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)	
STD-5	Reduce the proportion of females aged 15 to 44 years who have ever required treatment for pelvic inflammatory disease (PID)	National Survey of Family Growth (NSFG), CDC/NCHS	 

Table 37–1. Sexually Transmitted Diseases Objectives—Continued

LEGEND



Data for this objective are available in this chapter's Midcourse Progress Table.



Disparities data for this objective are available, and this chapter includes a Midcourse Health Disparities Table.



A state or county level map for this objective is available at the end of the chapter.

Not Applicable

Midcourse data availability is not applicable for developmental and archived objectives. **Developmental** objectives did not have a national baseline value. **Archived** objectives are no longer being monitored due to lack of data source, changes in science, or replacement with other objectives.

Objective Number	Objective Statement	Data Sources	Midcourse Data Availability
STD-6.1	Reduce gonorrhea rates among females aged 15 to 44 years	STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census	
STD-6.2	Reduce gonorrhea rates among males aged 15 to 44 years	STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census	
STD-7.1	Reduce domestic transmission of primary and secondary syphilis among females	STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census	
STD-7.2	Reduce domestic transmission of primary and secondary syphilis among males	STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census	
STD-8	Reduce congenital syphilis	STD Surveillance System (STDSS), CDC/NCHHSTP; National Vital Statistics System–Nativity (NVSS–N), CDC/NCHS	
STD-9.1	(Developmental) Reduce the proportion of females with human papillomavirus (HPV) types 6 and 11	(Potential) National Health and Nutrition Examination Survey (NHANES), CDC/NCHS; National Health Interview Survey (NHIS), CDC/NCHS	Not Applicable
STD-9.2	(Developmental) Reduce the proportion of females with human papillomavirus (HPV) types 16 and 18	(Potential) National Health and Nutrition Examination Survey (NHANES), CDC/NCHS; National Health Interview Survey (NHIS), CDC/NCHS	Not Applicable
STD-9.3	(Developmental) Reduce the proportion of females with other human papillomavirus (HPV) types	(Potential) National Health and Nutrition Examination Survey (NHANES), CDC/NCHS	Not Applicable
STD-10	Reduce the proportion of young adults with genital herpes infection due to herpes simplex type 2	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS	

Table 37–2. Midcourse Progress for Measurable¹ Sexually Transmitted Diseases Objectives

LEGEND

 Target met or exceeded ^{2,3}	 Improving ^{4,5}	 Little or no detectable change ^{6–10}	 Getting worse ^{11,12}	 Baseline only ¹³	 Informational ¹⁴
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	Objective Description	Baseline Value (Year)	Midcourse Value (Year)	Target	Movement Toward Target ¹⁵	Movement Away From Baseline ¹⁶	Movement Statistically Significant ¹⁷
 ¹²	STD-1.1 <i>Chlamydia trachomatis</i> infections among females attending family planning clinics (percent, 15–24 years)	7.4% (2008)	8.3% (2011)	6.7%		12.2%	
 ⁵	STD-1.2 <i>Chlamydia trachomatis</i> infections among females enrolled in a National Job Training Program (percent, 16–24 years)	12.8% (2008)	11.7% (2013)	11.5%	84.6%		
 ⁹	STD-1.3 <i>Chlamydia trachomatis</i> infections among males enrolled in a National Job Training Program (percent, 16–24 years)	7.0% (2008)	7.4% (2013)	6.3%		5.7%	
 ⁹	STD-3.1 Sexually active females on Medicaid screened for chlamydia (percent, 16–20 years)	52.7% (2008)	52.3% (2014)	70.9%		0.8%	
 ⁵	STD-3.2 Sexually active females on Medicaid screened for chlamydia (percent, 21–24 years)	59.4% (2008)	62.0% (2014)	80.0%	12.6%		
 ⁵	STD-4.1 Sexually active females with commercial health insurance screened for chlamydia (percent, 16–20 years)	40.1% (2008)	42.7% (2014)	61.3%	12.3%		
 ⁵	STD-4.2 Sexually active females with commercial health insurance screened for chlamydia (percent, 21–24 years)	43.5% (2008)	52.1% (2014)	74.6%	27.7%		
 ²	STD-5 Females ever treated for pelvic inflammatory disease (percent, 15–44 years)	4.2% (2006–2010)	3.6% (2011–2013)	3.8%	150.0%		No
 ²	STD-6.1 New cases of gonorrhea among females (per 100,000 population, 15–44 years)	279.9 (2008)	248.1 (2014)	251.9	113.6%		
 ¹²	STD-6.2 New cases of gonorrhea among males (per 100,000 population, 15–44 years)	216.5 (2008)	262.8 (2014)	194.8		21.4%	
 ²	STD-7.1 New cases of primary and secondary syphilis among females (per 100,000 population)	1.4 (2008)	1.1 (2014)	1.3	300.0%		
 ¹²	STD-7.2 New cases of primary and secondary syphilis among males (per 100,000 population)	7.4 (2008)	11.6 (2014)	6.7		56.8%	
 ⁹	STD-8 New cases of congenital syphilis (per 100,000 live births)	10.7 (2008)	11.6 (2014)	9.6		8.4%	
 ²	STD-10 Genital herpes infection due to herpes simplex type 2 among young adults (percent, 20–29 years)	10.5% (2005–2008)	8.5% (2009–2012)	9.5%	200.0%		No

Table 37–2. Midcourse Progress for Measurable¹ Sexually Transmitted Diseases Objectives—Continued

NOTES	DATA SOURCES
See HealthyPeople.gov for all Healthy People 2020 data. The Technical Notes provide more information on the measures of progress.	STD-1.1 STD Surveillance System (STDSS), CDC/NCHHSTP
	STD-1.2 STD Surveillance System (STDSS), CDC/NCHHSTP
	STD-1.3 STD Surveillance System (STDSS), CDC/NCHHSTP
	STD-3.1 Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)
	STD-3.2 Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)
	STD-4.1 Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)
	STD-4.2 Healthcare Effectiveness Data and Information Set (HEDIS), National Committee for Quality Assurance (NCQA)
	STD-5 National Survey of Family Growth (NSFG), CDC/NCHS
	STD-6.1 STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census
	STD-6.2 STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census
	STD-7.1 STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census
	STD-7.2 STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census
	STD-8 STD Surveillance System (STDSS), CDC/NCHHSTP; National Vital Statistics System—Nativity (NVSS–N), CDC/NCHS
	STD-10 National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
FOOTNOTES	
¹Measurable objectives had a national baseline value.	
Target met or exceeded:	
² At baseline the target was not met or exceeded and the midcourse value was equal to or exceeded the target. (The percentage of targeted change achieved was equal to or greater than 100%.)	
³ The baseline and midcourse values were equal to or exceeded the target. (The percentage of targeted change achieved was not assessed.)	
Improving:	
⁴ Movement was toward the target, standard errors were available, and the percentage of targeted change achieved was statistically significant.	
⁵ Movement was toward the target, standard errors were not available, and the objective had achieved 10% or more of the targeted change.	
Little or no detectable change:	
⁶ Movement was toward the target, standard errors were available, and the percentage of targeted change achieved was not statistically significant.	
⁷ Movement was toward the target, standard errors were not available, and the objective had achieved less than 10% of the targeted change.	
⁸ Movement was away from the baseline and target, standard errors were available, and the percentage change relative to the baseline was not statistically significant.	
⁹ Movement was away from the baseline and target, standard errors were not available, and the objective had moved less than 10% relative to the baseline.	
¹⁰ There was no change between the baseline and the midcourse data point.	
Getting worse:	
¹¹ Movement was away from the baseline and target, standard errors were available, and the percentage change relative to the baseline was statistically significant.	
¹² Movement was away from the baseline and target, standard errors were not available, and the objective had moved 10% or more relative to the baseline.	
¹³ Baseline only: The objective only had one data point, so progress toward target attainment could not be assessed.	
¹⁴ Informational: A target was not set for this objective, so progress toward target attainment could not be assessed.	
¹⁵ For objectives that moved toward their targets, movement toward the target was measured as the percentage of targeted change achieved (unless the target was already met or exceeded at baseline):	
$\text{Percentage of targeted change achieved} = \frac{\text{Midcourse value} - \text{Baseline value}}{\text{HP2020 target} - \text{Baseline value}} \times 100$	
¹⁶ For objectives that moved away from their baselines and targets, movement away from the baseline was measured as the magnitude of the percentage change from baseline:	
$\text{Magnitude of percentage change from baseline} = \frac{ \text{Midcourse value} - \text{Baseline value} }{\text{Baseline value}} \times 100$	
¹⁷ Statistical significance was tested when the objective had a target and at least two data points, standard errors of the data were available, and a normal distribution could be assumed. Statistical significance of the percentage of targeted change achieved or the magnitude of the percentage change from baseline was assessed at the 0.05 level using a normal one-sided test.	

Table 37–3. Midcourse Health Disparities¹ for Population-based Sexually Transmitted Diseases Objectives

Most favorable (least adverse) and least favorable (most adverse) group rates and summary disparity ratios^{2,3} for selected characteristics at the midcourse data point

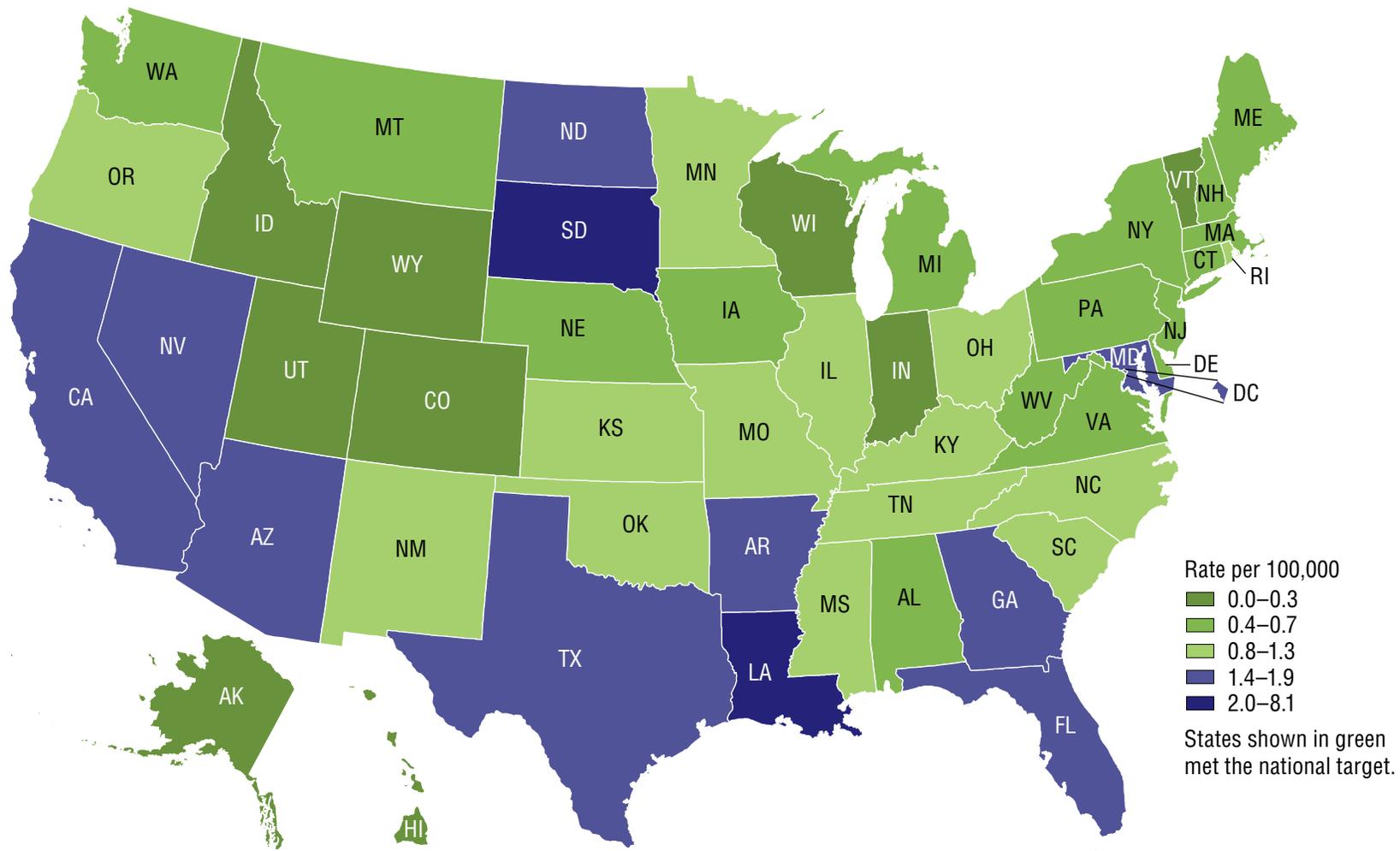
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At the midcourse data point		Group with the most favorable (least adverse) rate		Group with the least favorable (most adverse) rate		Data are available, but this group did not have the highest or lowest rate.		Data are not available for this group because the data were statistically unreliable, not collected, or not analyzed.
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Population-based Objectives	Characteristics and Groups																													
	Sex		Race and Ethnicity							Education ⁴					Family Income ⁵					Disability			Location							
	Male	Female	Summary Disparity Ratio ²	American Indian or Alaska Native	Asian	Native Hawaiian or other Pacific Islander	Two or more races	Hispanic or Latino	Black, not Hispanic	White, not Hispanic	Summary Disparity Ratio ³	Less than high school	High school graduate	At least some college	Associate's degree	4-year college degree	Advanced degree	Summary Disparity Ratio ³	Poor	Near-poor	Middle	Near-high	High	Summary Disparity Ratio ³	Persons with disability	Persons without disability	Summary Disparity Ratio ²	Metropolitan	Nonmetropolitan	Summary Disparity Ratio ²
STD-1.1 <i>Chlamydia trachomatis</i> infections among females attending family planning clinics (percent, 15–24 years) (2011)											1.675†																			
STD-1.2 <i>Chlamydia trachomatis</i> infections among females enrolled in a National Job Training Program (percent, 15–24 years) (2013)											1.616†																			
STD-1.3 <i>Chlamydia trachomatis</i> infections among males enrolled in a National Job Training Program (percent, 15–24 years) (2013)											1.911†																			
STD-5 Females ever treated for pelvic inflammatory disease (percent, 15–44 years) (2011–2013)											1.249							1.292									3.722*			1.550*
STD-6.1 New cases of gonorrhea among females (per 100,000 population, 15–44 years) (2014)											11.887†																			
STD-6.2 New cases of gonorrhea among males (per 100,000 population, 15–44 years) (2014)											5.198†																			
STD-7.1 New cases of primary and secondary syphilis among females (per 100,000 population) (2014)											8.250†																			
STD-7.2 New cases of primary and secondary syphilis among males (per 100,000 population) (2014)											2.590†																			

Map 37–1. New Cases of Primary and Secondary Syphilis Among Females, by State: 2014

Healthy People 2020 Objective STD-7.1 • National Target = 1.3 per 100,000 population • National Rate = 1.1 per 100,000 population

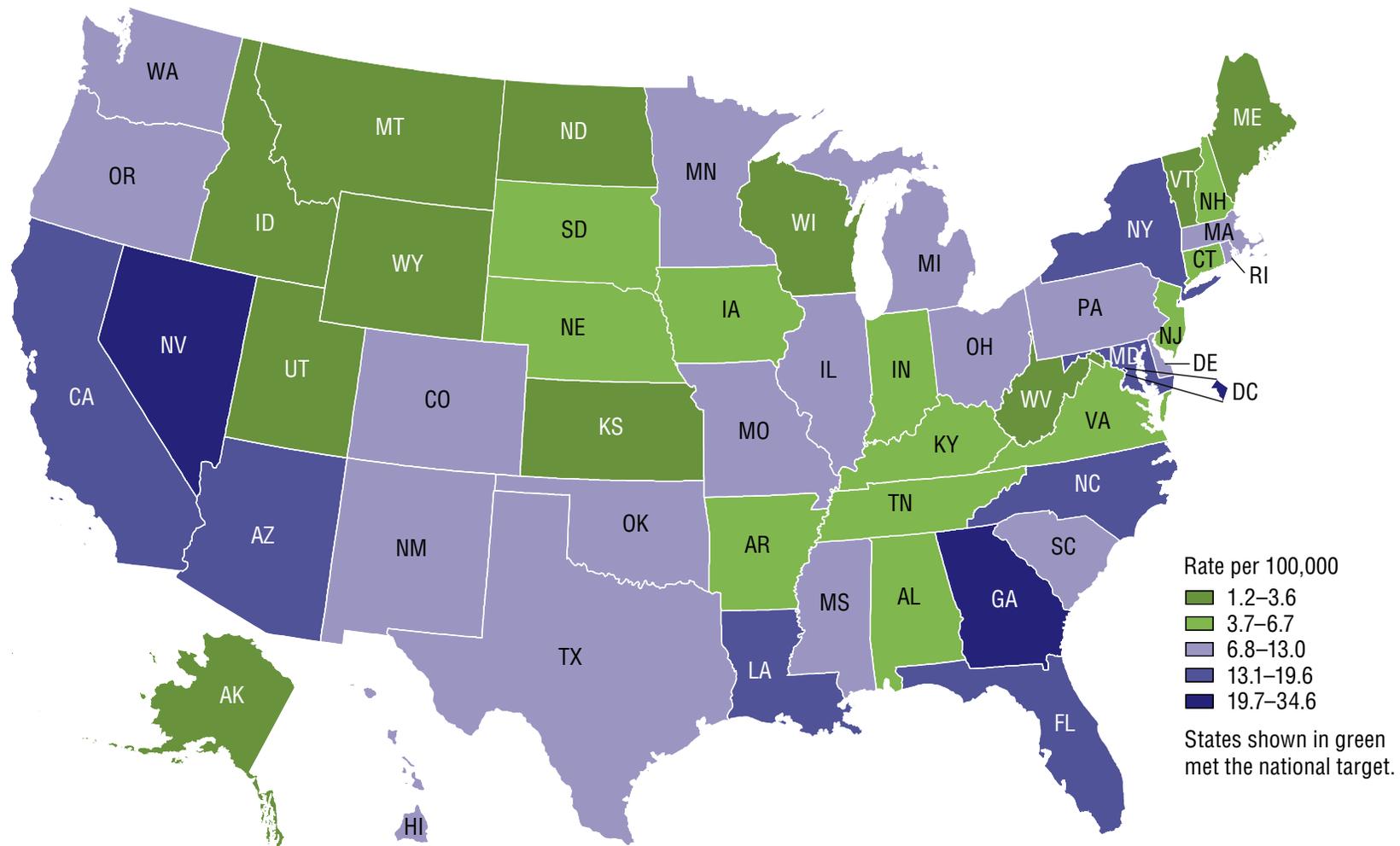


NOTES: Data are for individual-level case report data of females with primary and secondary syphilis electronically sent to CDC through the National Electronic Telecommunications System for Surveillance (NETSS) and U.S. Census population data. Data are displayed by a modified Jenks classification for U.S. states which creates categories that minimize within-group variation and maximize between-group variation. The **Technical Notes** provide more information on the data and methods.

DATA SOURCES: STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census

Map 37–2. New Cases of Primary and Secondary Syphilis Among Males, by State: 2014

Healthy People 2020 Objective STD-7.2 • National Target = 6.7 per 100,000 population • National Rate = 11.6 per 100,000 population

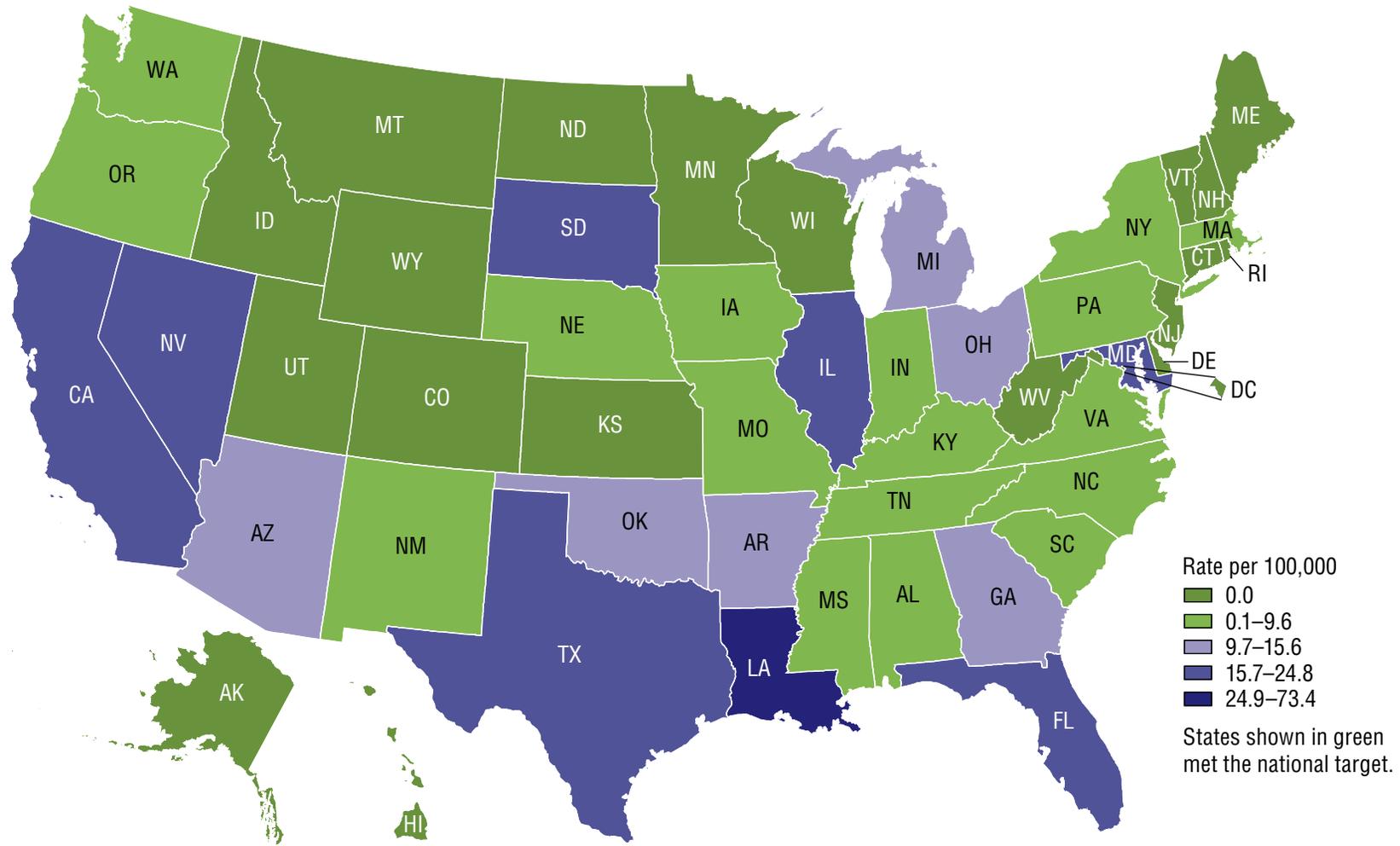


NOTES: Data are for individual-level case report data of males with primary and secondary syphilis electronically sent to CDC through the National Electronic Telecommunications System for Surveillance (NETSS) and U.S. Census population data. Data are displayed by a modified Jenks classification for U.S. states which creates categories that minimize within-group variation and maximize between-group variation. The **Technical Notes** provide more information on the data and methods.

DATA SOURCES: STD Surveillance System (STDSS), CDC/NCHHSTP; Population Estimates, Census

Map 37–3. New Cases of Congenital Syphilis, by State: 2014

Healthy People 2020 Objective STD-8 • National Target = 9.6 per 100,000 live births • National Rate = 11.6 per 100,000 live births



NOTES: Data are for new reported cases of congenital syphilis in the past 12 months. Data are displayed by a modified Jenks classification for U.S. states which creates categories that minimize within-group variation and maximize between-group variation. The [Technical Notes](#) provide more information on the data and methods.

DATA SOURCES: STD Surveillance System (STDSS), CDC/NCHHSTP; National Vital Statistics System–Nativity (NVSS–N), CDC/NCHS