# VIRGINIA STD SURVEILLANCE REPORT

## Table 1-ES: New Early Syphilis Diagnoses, 2019-2023

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **1,287** | **1,296** | **1,413** | **1,551** | **1,801** | **15.0** | **15.0** | **16.3** | **17.9** | **20.7** | |
| **Gender** | | | | | | | | | | | |
| Male | 1,110 | 1,082 | 1,186 | 1,295 | 1,465 | 26.4 | 25.3 | 27.7 | 30.2 | 34.0 | |
| Female | 140 | 170 | 196 | 223 | 294 | 3.2 | 3.9 | 4.5 | 5.1 | 6.7 | |
| Transgender/Other | 37 | 44 | 31 | 33 | 42 | - | - | - | - | - | |
| **Age at Diagnosis** | | | | | | | | | | | |
| <10 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 10-14 | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 15-19 | 47 | 44 | 51 | 56 | 69 | 8.6 | 7.9 | 9.1 | 9.9 | 12.1 | |
| 20-24 | 251 | 218 | 236 | 215 | 206 | 43.7 | 38.5 | 41.4 | 37.8 | 36.0 | |
| 25-29 | 297 | 301 | 277 | 317 | 325 | 49.1 | 51.2 | 47.6 | 55.1 | 57.1 | |
| 30-34 | 242 | 257 | 279 | 329 | 360 | 41.0 | 43.2 | 46.7 | 54.7 | 59.8 | |
| 35-39 | 155 | 161 | 178 | 184 | 276 | 26.6 | 27.1 | 29.8 | 30.8 | 46.1 | |
| 40-44 | 80 | 93 | 140 | 138 | 166 | 15.0 | 16.8 | 24.8 | 24.0 | 28.3 | |
| 45-49 | 70 | 73 | 83 | 98 | 73 | 12.8 | 13.4 | 15.7 | 18.8 | 13.9 | |
| 50-54 | 69 | 49 | 69 | 75 | 111 | 12.5 | 8.8 | 12.3 | 13.5 | 20.2 | |
| 55-59 | 43 | 64 | 66 | 70 | 105 | 7.4 | 10.9 | 11.4 | 12.4 | 19.1 | |
| 60-64 | 23 | 28 | 20 | 42 | 63 | 4.3 | 5.2 | 3.7 | 7.6 | 11.4 | |
| > 64 | 9 | 8 | 14 | 27 | 47 | 0.7 | 0.6 | 1.0 | 1.9 | 3.1 | |
| **Race/Ethnicity** | | | | | | | | | | | |
| Black, non-Hispanic | 759 | 711 | 722 | 832 | 947 | 46.4 | 43.1 | 43.6 | 50.1 | 56.9 | |
| White, non-Hispanic | 332 | 388 | 439 | 401 | 463 | 6.3 | 7.5 | 8.5 | 7.8 | 9.0 | |
| Hispanic (all races) | 140 | 137 | 167 | 144 | 186 | 16.8 | 15.1 | 18.0 | 15.1 | 19.1 | |
| Other/Multi-race | 53 | 55 | 70 | 146 | 183 | - | - | - | - | - | |
| Unknown | 3 | 5 | 15 | 28 | 22 | - | - | - | - | - | |
| **Health Region** | | | | | | | | | | | |
| Central | 375 | 367 | 298 | 388 | 544 | 25.6 | 24.7 | 20.0 | 25.8 | 35.9 | |
| Eastern | 408 | 427 | 514 | 504 | 566 | 21.9 | 22.6 | 27.1 | 26.6 | 29.8 | |
| Northern | 360 | 335 | 349 | 379 | 370 | 14.2 | 13.1 | 13.7 | 14.9 | 14.5 | |
| Northwest | 92 | 102 | 142 | 150 | 153 | 6.8 | 7.4 | 10.2 | 10.7 | 10.8 | |
| Southwest | 52 | 65 | 110 | 130 | 168 | 3.9 | 4.9 | 8.3 | 9.8 | 12.7 | |
| **All Syphilis Diagnosis by Stage** | | | | | | | | | | | |
| Primary | 231 | 264 | 308 | 353 | 422 | 2.7 | 3.1 | 3.6 | 4.1 | 4.8 | |
| Secondary | 408 | 421 | 456 | 480 | 519 | 4.8 | 4.9 | 5.3 | 5.5 | 6.0 | |
| Early, non-P/S | 648 | 611 | 649 | 718 | 860 | 7.6 | 7.1 | 7.5 | 8.3 | 9.9 | |
| Late or Unk. Duration | 691 | 584 | 840 | 1,058 | 1,398 | 8.1 | 6.8 | 9.7 | 12.2 | 16.0 | |
| **Other Clinical Syphilis Manifestations** | | | | | | | | | | | |
| Neurosyphilis | 39 | 32 | 39 | 49 | 66 | - | - | - | - | - | |
| Ocular Syphilis | 21 | 22 | 48 | 55 | 65 | - | - | - | - | - | |
| Otosyphilis | 3 | 5 | 7 | 8 | 15 | - | - | - | - | - | |

**Figure 1-ES: Rate of Early Syphilis Diagnoses by Race/Ethnicity, 2019-2023**

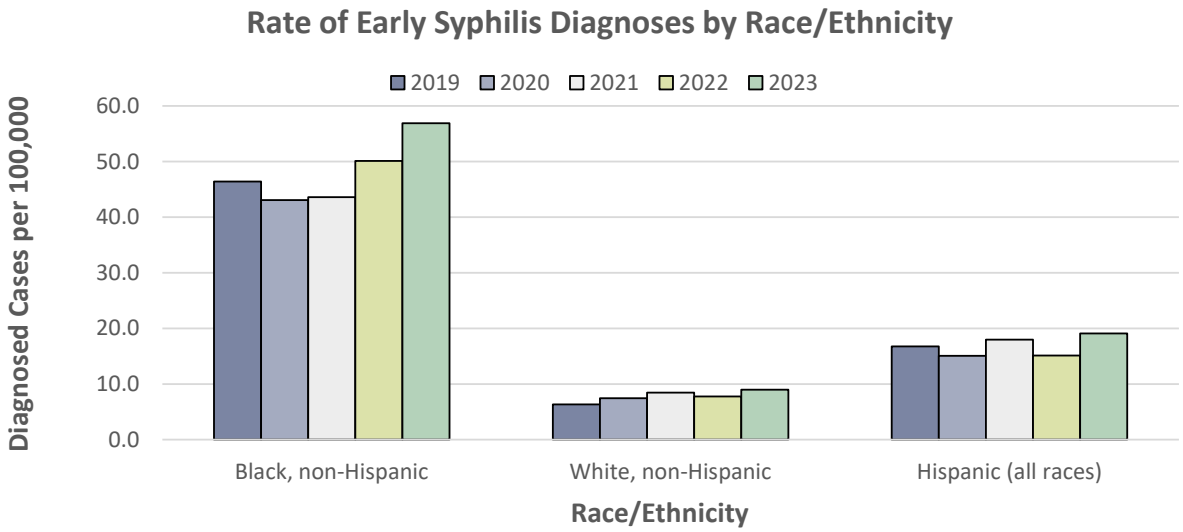



**Figure 2-ES: Rate of Early Syphilis Diagnoses by Gender, 2019-2023**

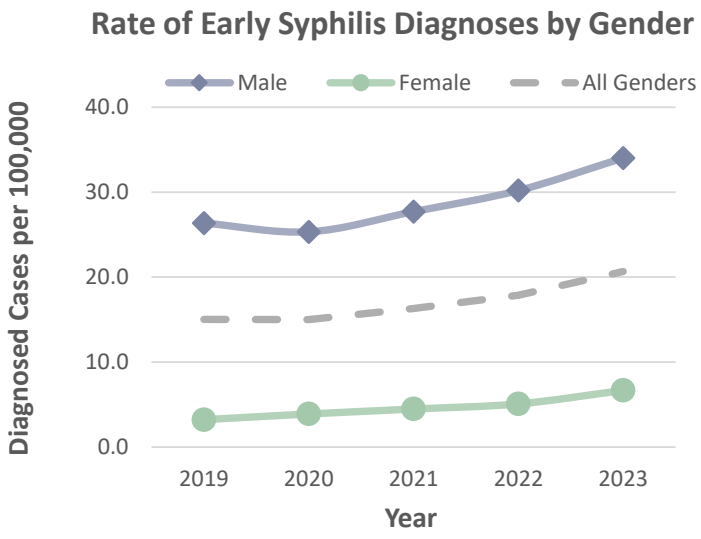
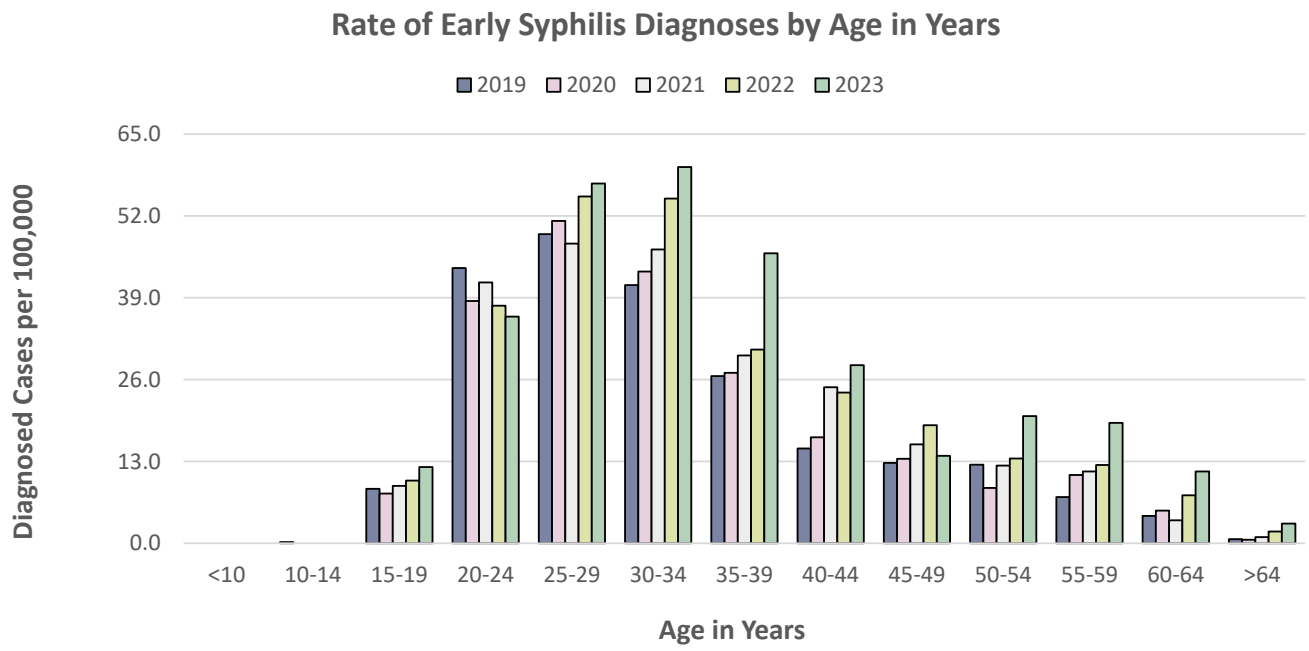
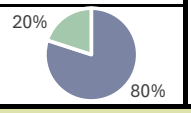
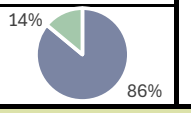
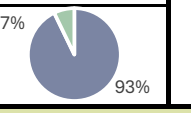
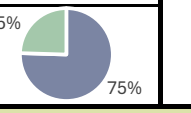
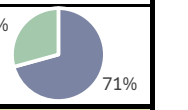


**Figure 3-ES: Rate of Early Syphilis Diagnoses by Age in Years, 2019-2023**



# VIRGINIA STD SURVEILLANCE REPORT

## Table 2-ES: Early Syphilis Diagnoses by Region, 2023

| | Central | Eastern | Northern | Northwest | Southwest |
|---|---|---|---|---|---|
| **Total by Region** | **544** | **566** | **370** | **153** | **168** |
| **Gender** | | | | | |
| Male | 424 | 474 | 337 | 114 | 116 |
| Female | 106 | 77 | 26 | 37 | 48 |
| Transgender/Other | 14 | 15 | 7 | 2 | 4 |
| Percent Breakdown: % Male % Female |  |  |  |  |  |
| **Age at Diagnosis** | | | | | |
| <10 | 0 | 0 | 0 | 0 | 0 |
| 10-14 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 19 | 25 | 15 | 2 | 8 |
| 20-24 | 57 | 75 | 28 | 21 | 25 |
| 25-29 | 84 | 104 | 71 | 29 | 37 |
| 30-34 | 108 | 123 | 65 | 32 | 32 |
| 35-39 | 80 | 80 | 63 | 28 | 25 |
| 40-44 | 50 | 52 | 35 | 14 | 15 |
| 45-49 | 23 | 17 | 24 | 6 | 3 |
| 50-54 | 37 | 33 | 33 | 4 | 4 |
| 55-59 | 37 | 29 | 17 | 10 | 12 |
| 60-64 | 25 | 18 | 14 | 2 | 4 |
| > 64 | 24 | 10 | 5 | 5 | 3 |
| **Race/Ethnicity** | | | | | |
| Black, non-Hispanic | 381 | 386 | 88 | 34 | 58 |
| White, non-Hispanic | 98 | 101 | 96 | 81 | 87 |
| Hispanic (all races) | 30 | 19 | 117 | 14 | 6 |
| Other/Multi-race | 32 | 54 | 63 | 20 | 14 |
| Unknown | 3 | 6 | 6 | 4 | 3 |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESa: Central Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Central**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **375** | **367** | **298** | **388** | **544** | **25.6** | **24.7** | **20.0** | **25.8** | **35.9** | |
| **Chesterfield Health District** | | | | | | | | | | | |
| Chesterfield Co. | 49 | 50 | 37 | 51 | 72 | 13.9 | 13.7 | 10.0 | 13.5 | 18.8 | |
| Colonial Heights | 2 | 1 | 3 | 4 | 6 | 11.7 | 5.5 | 16.5 | 21.9 | 32.6 | |
| Powhatan Co. | 2 | 1 | 2 | 0 | 0 | 6.7 | 3.3 | 6.4 | 0.0 | 0.0 | |
| **District Total** | **53** | **52** | **42** | **55** | **78** | **13.2** | **12.6** | **10.0** | **12.8** | **18.0** | |
| **Chikahominy Health District** | | | | | | | | | | | |
| Charles City Co. | 3 | 0 | 1 | 1 | 0 | 43.0 | 0.0 | 15.1 | 15.2 | 0.0 | |
| Goochland Co. | 0 | 3 | 2 | 3 | 3 | 0.0 | 12.1 | 7.8 | 11.5 | 11.0 | |
| Hanover Co. | 6 | 7 | 4 | 4 | 6 | 5.6 | 6.4 | 3.6 | 3.5 | 5.3 | |
| New Kent Co. | 4 | 0 | 1 | 3 | 1 | 17.4 | 0.0 | 4.2 | 12.0 | 3.8 | |
| **District Total** | **13** | **10** | **8** | **11** | **10** | **8.1** | **6.1** | **4.8** | **6.5** | **5.7** | |
| **Crater Health District** | | | | | | | | | | | |
| Dinwiddie Co. | 4 | 5 | 2 | 5 | 0 | 13.9 | 17.9 | 7.1 | 17.8 | 0.0 | |
| Emporia | 3 | 1 | 5 | 1 | 0 | 55.5 | 17.5 | 88.7 | 18.1 | 0.0 | |
| Greensville Co. | 1 | 1 | 0 | 0 | 0 | 8.9 | 8.8 | 0.0 | 0.0 | 0.0 | |
| Hopewell | 11 | 6 | 4 | 12 | 11 | 48.8 | 26.1 | 17.3 | 52.7 | 48.3 | |
| Petersburg | 18 | 31 | 17 | 33 | 38 | 58.8 | 92.8 | 50.9 | 98.6 | 114.1 | |
| Prince George Co. | 8 | 7 | 3 | 9 | 11 | 20.8 | 16.3 | 7.0 | 20.9 | 25.7 | |
| Surry Co. | 0 | 2 | 0 | 0 | 1 | 0.0 | 30.5 | 0.0 | 0.0 | 15.2 | |
| Sussex Co. | 0 | 2 | 0 | 1 | 1 | 0.0 | 18.5 | 0.0 | 9.4 | 9.3 | |
| **District Total** | **45** | **55** | **31** | **61** | **62** | **29.1** | **34.0** | **19.2** | **37.8** | **38.5** | |
| **Henrico Health District** | | | | | | | | | | | |
| Henrico Co. | 88 | 97 | 69 | 95 | 128 | 26.5 | 29.0 | 20.6 | 28.4 | 38.2 | |
| **District Total** | **88** | **97** | **69** | **95** | **128** | **26.5** | **29.0** | **20.6** | **28.4** | **38.2** | |
| **Piedmont Health District** | | | | | | | | | | | |
| Amelia Co. | 0 | 3 | 0 | 1 | 1 | 0.0 | 22.6 | 0.0 | 7.5 | 7.4 | |
| Buckingham | 0 | 0 | 0 | 2 | 3 | 0.0 | 0.0 | 0.0 | 11.8 | 17.7 | |
| Charlotte Co. | 0 | 0 | 1 | 0 | 2 | 0.0 | 0.0 | 8.7 | 0.0 | 17.6 | |
| Cumberland Co. | 1 | 0 | 2 | 1 | 0 | 10.0 | 0.0 | 20.6 | 10.3 | 0.0 | |
| Lunenburg Co. | 0 | 2 | 1 | 0 | 2 | 0.0 | 16.7 | 8.3 | 0.0 | 16.6 | |
| Nottoway Co. | 6 | 1 | 2 | 2 | 7 | 39.5 | 6.4 | 12.8 | 12.9 | 45.0 | |
| Prince Edward Co. | 7 | 4 | 6 | 3 | 7 | 30.7 | 18.3 | 27.3 | 13.7 | 31.7 | |
| **District Total** | **14** | **10** | **12** | **9** | **22** | **13.7** | **9.9** | **11.9** | **8.9** | **21.7** | |
| **Richmond City Health District** | | | | | | | | | | | |
| Richmond City | 156 | 138 | 115 | 150 | 234 | 67.5 | 60.8 | 50.6 | 65.7 | 102.1 | |
| **District Total** | **156** | **138** | **115** | **150** | **234** | **67.5** | **60.8** | **50.6** | **65.7** | **102.1** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESa: Central Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Central**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Southside Health District** | | | | | | | | | | | |
| Brunswick Co. | 2 | 1 | 2 | 1 | 2 | 12.4 | 6.3 | 12.5 | 6.3 | 12.7 | |
| Halifax Co. | 3 | 1 | 10 | 4 | 6 | 8.8 | 2.9 | 29.6 | 11.9 | 17.9 | |
| Mecklenburg Co. | 1 | 3 | 9 | 2 | 2 | 3.3 | 9.9 | 29.7 | 6.6 | 6.5 | |
| **District Total** | **6** | **5** | **21** | **7** | **10** | **7.4** | **6.2** | **26.2** | **8.8** | **12.5** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESb: Eastern Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Eastern**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **408** | **427** | **514** | **504** | **566** | **21.9** | **22.6** | **27.1** | **26.6** | **29.8** | |
| **Chesapeake Health District** | | | | | | | | | | | |
| Chesapeake | 33 | 41 | 44 | 50 | 58 | 13.4 | 16.4 | 17.5 | 19.8 | 22.8 | |
| **District Total** | **33** | **41** | **44** | **50** | **58** | **13.4** | **16.4** | **17.5** | **19.8** | **22.8** | |
| **Eastern Shore Health District** | | | | | | | | | | | |
| Accomack Co. | 0 | 2 | 2 | 0 | 1 | 0.0 | 6.0 | 6.0 | 0.0 | 3.0 | |
| Northampton Co. | 0 | 3 | 0 | 0 | 1 | 0.0 | 24.6 | 0.0 | 0.0 | 8.3 | |
| **District Total** | **0** | **5** | **2** | **0** | **2** | **0.0** | **11.0** | **4.4** | **0.0** | **4.4** | |
| **Hampton Health District** | | | | | | | | | | | |
| Hampton | 49 | 56 | 48 | 41 | 61 | 36.3 | 40.8 | 34.8 | 29.7 | 44.5 | |
| **District Total** | **49** | **56** | **48** | **41** | **61** | **36.3** | **40.8** | **34.8** | **29.7** | **44.5** | |
| **Norfolk Health District** | | | | | | | | | | | |
| Norfolk | 92 | 100 | 116 | 146 | 158 | 37.8 | 42.1 | 49.4 | 62.8 | 68.4 | |
| **District Total** | **92** | **100** | **116** | **146** | **158** | **37.8** | **42.1** | **49.4** | **62.8** | **68.4** | |
| **Peninsula Health District** | | | | | | | | | | | |
| James City Co. | 2 | 3 | 8 | 7 | 4 | 2.6 | 3.8 | 10.0 | 8.6 | 4.8 | |
| Newport News | 75 | 59 | 66 | 59 | 73 | 41.7 | 31.7 | 35.7 | 32.1 | 39.9 | |
| Poquoson | 0 | 1 | 1 | 0 | 0 | 0.0 | 8.0 | 7.9 | 0.0 | 0.0 | |
| Williamsburg | 2 | 2 | 3 | 2 | 5 | 13.3 | 12.9 | 19.2 | 12.8 | 31.6 | |
| York Co. | 6 | 4 | 8 | 3 | 9 | 8.7 | 5.7 | 11.3 | 4.2 | 12.7 | |
| **District Total** | **85** | **69** | **86** | **71** | **91** | **24.1** | **19.0** | **23.6** | **19.5** | **24.9** | |
| **Portsmouth Health District** | | | | | | | | | | | |
| Portsmouth | 48 | 51 | 85 | 71 | 72 | 50.7 | 52.1 | 87.0 | 73.2 | 74.4 | |
| **District Total** | **48** | **51** | **85** | **71** | **72** | **50.7** | **52.1** | **87.0** | **73.2** | **74.4** | |
| **Three Rivers Health District** | | | | | | | | | | | |
| Essex Co. | 0 | 1 | 0 | 0 | 0 | 0.0 | 9.4 | 0.0 | 0.0 | 0.0 | |
| Gloucester | 4 | 1 | 1 | 4 | 3 | 10.7 | 2.6 | 2.6 | 10.1 | 7.5 | |
| King William Co. | 1 | 2 | 0 | 2 | 1 | 5.8 | 11.2 | 0.0 | 10.8 | 5.3 | |
| King and Queen Co. | 0 | 0 | 0 | 1 | 0 | 0.0 | 0.0 | 0.0 | 14.9 | 0.0 | |
| Lancaster Co. | 0 | 2 | 1 | 0 | 2 | 0.0 | 18.3 | 9.1 | 0.0 | 18.4 | |
| Mathews Co. | 2 | 0 | 0 | 1 | 0 | 22.8 | 0.0 | 0.0 | 11.8 | 0.0 | |
| Middlesex Co. | 0 | 1 | 2 | 1 | 1 | 0.0 | 9.4 | 18.6 | 9.1 | 9.2 | |
| Northumberland Co. | 1 | 0 | 1 | 0 | 1 | 8.3 | 0.0 | 8.3 | 0.0 | 8.1 | |
| Richmond Co. | 0 | 0 | 0 | 2 | 2 | 0.0 | 0.0 | 0.0 | 21.9 | 21.8 | |
| Westmoreland Co. | 1 | 2 | 3 | 2 | 2 | 5.5 | 10.8 | 16.0 | 10.7 | 10.5 | |
| **District Total** | **9** | **9** | **8** | **13** | **12** | **6.3** | **6.3** | **5.5** | **8.9** | **8.1** | |
| **Virginia Beach Health District** | | | | | | | | | | | |
| Virginia Beach | 73 | 70 | 106 | 86 | 66 | 16.2 | 15.2 | 23.1 | 18.9 | 14.5 | |
| **District Total** | **73** | **70** | **106** | **86** | **66** | **16.2** | **15.2** | **23.1** | **18.9** | **14.5** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESb: Eastern Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Eastern**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Western Tidewater Health District** | | | | | | | | | | | |
| Franklin City | 0 | 2 | 0 | 0 | 2 | 0.0 | 24.6 | 0.0 | 0.0 | 24.0 | |
| Isle of Wight Co. | 2 | 4 | 2 | 4 | 8 | 5.3 | 10.3 | 5.1 | 10.0 | 19.7 | |
| Southampton Co. | 1 | 0 | 1 | 0 | 0 | 5.6 | 0.0 | 5.5 | 0.0 | 0.0 | |
| Suffolk | 16 | 20 | 16 | 22 | 36 | 17.3 | 21.1 | 16.6 | 22.4 | 35.8 | |
| **District Total** | **19** | **26** | **19** | **26** | **46** | **12.2** | **16.3** | **11.7** | **15.8** | **27.4** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESc: Northern Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Northern**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **360** | **335** | **349** | **379** | **370** | **14.2** | **13.1** | **13.7** | **14.9** | **14.5** | |
| **Alexandria Health District** | | | | | | | | | | | |
| Alexandria | 66 | 55 | 65 | 60 | 49 | 41.5 | 34.6 | 41.9 | 38.7 | 31.6 | |
| **District Total** | **66** | **55** | **65** | **60** | **49** | **41.5** | **34.6** | **41.9** | **38.7** | **31.6** | |
| **Arlington Health District** | | | | | | | | | | | |
| Arlington | 77 | 67 | 72 | 63 | 69 | 32.3 | 28.1 | 30.8 | 27.0 | 29.5 | |
| **District Total** | **77** | **67** | **72** | **63** | **69** | **32.3** | **28.1** | **30.8** | **27.0** | **29.5** | |
| **Fairfax Health District** | | | | | | | | | | | |
| Fairfax City | 1 | 2 | 5 | 4 | 3 | 4.3 | 8.3 | 20.5 | 16.2 | 11.9 | |
| Fairfax Co. | 133 | 111 | 120 | 162 | 138 | 11.5 | 9.7 | 10.5 | 14.2 | 12.1 | |
| Falls Church | 2 | 2 | 1 | 3 | 2 | 13.7 | 13.6 | 6.9 | 20.7 | 13.6 | |
| **District Total** | **136** | **115** | **126** | **169** | **143** | **11.4** | **9.7** | **10.7** | **14.3** | **12.1** | |
| **Loudoun Health District** | | | | | | | | | | | |
| Loudoun Co. | 22 | 20 | 28 | 21 | 23 | 5.3 | 4.7 | 6.5 | 4.9 | 5.3 | |
| **District Total** | **22** | **20** | **28** | **21** | **23** | **5.3** | **4.7** | **6.5** | **4.9** | **5.3** | |
| **Prince William Health District** | | | | | | | | | | | |
| Manassas | 7 | 5 | 3 | 4 | 5 | 17.1 | 11.7 | 7.0 | 9.4 | 11.7 | |
| Manassas Park | 0 | 2 | 3 | 3 | 2 | 0.0 | 11.7 | 17.6 | 18.0 | 12.2 | |
| Prince William Co. | 52 | 71 | 52 | 59 | 79 | 11.0 | 14.7 | 10.7 | 12.1 | 16.1 | |
| **District Total** | **59** | **78** | **58** | **66** | **86** | **11.1** | **14.4** | **10.6** | **12.1** | **15.7** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESd: Northwest Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Northwest**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **92** | **102** | **142** | **150** | **153** | **6.8** | **7.4** | **10.2** | **10.7** | **10.8** | |
| **Blue Ridge Health District** | | | | | | | | | | | |
| Albemarle Co. | 4 | 12 | 10 | 26 | 10 | 3.6 | 10.7 | 8.8 | 22.6 | 8.6 | |
| Charlottesville | 4 | 12 | 18 | 4 | 9 | 8.5 | 25.8 | 39.3 | 8.8 | 20.0 | |
| Fluvanna Co. | 0 | 1 | 3 | 5 | 3 | 0.0 | 3.7 | 10.8 | 17.8 | 10.5 | |
| Greene Co. | 1 | 2 | 0 | 2 | 2 | 5.0 | 9.7 | 0.0 | 9.5 | 9.4 | |
| Louisa Co. | 3 | 2 | 2 | 1 | 4 | 8.0 | 5.3 | 5.1 | 2.5 | 9.7 | |
| Nelson Co. | 2 | 1 | 1 | 1 | 1 | 13.5 | 6.8 | 6.7 | 6.8 | 6.8 | |
| **District Total** | **14** | **30** | **34** | **39** | **29** | **5.5** | **11.6** | **13.0** | **14.8** | **10.9** | |
| **Central Shenandoah Health District** | | | | | | | | | | | |
| Augusta Co. | 2 | 3 | 5 | 11 | 11 | 2.6 | 3.9 | 6.4 | 14.1 | 14.1 | |
| Bath Co. | 0 | 0 | 0 | 1 | 0 | 0.0 | 0.0 | 0.0 | 24.6 | 0.0 | |
| Buena Vista | 0 | 0 | 0 | 1 | 2 | 0.0 | 0.0 | 0.0 | 15.2 | 30.5 | |
| Harrisonburg | 4 | 5 | 12 | 5 | 8 | 7.5 | 9.7 | 23.3 | 9.8 | 15.7 | |
| Highland Co. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Lexington | 1 | 0 | 0 | 0 | 0 | 13.8 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Rockbridge Co. | 1 | 0 | 1 | 3 | 7 | 4.4 | 0.0 | 4.4 | 13.3 | 31.3 | |
| Rockingham Co. | 0 | 1 | 6 | 4 | 7 | 0.0 | 1.2 | 7.1 | 4.7 | 8.1 | |
| Staunton | 2 | 5 | 4 | 6 | 1 | 8.0 | 19.4 | 15.6 | 23.1 | 3.9 | |
| Waynesboro | 5 | 5 | 4 | 8 | 7 | 22.3 | 22.4 | 17.7 | 35.1 | 30.2 | |
| **District Total** | **15** | **19** | **32** | **39** | **43** | **5.0** | **6.2** | **10.5** | **12.7** | **14.0** | |
| **Lord Fairfax Health District** | | | | | | | | | | | |
| Clarke Co. | 2 | 0 | 2 | 0 | 0 | 13.7 | 0.0 | 13.4 | 0.0 | 0.0 | |
| Frederick Co. | 1 | 5 | 3 | 2 | 3 | 1.1 | 5.4 | 3.2 | 2.1 | 3.1 | |
| Page Co. | 1 | 0 | 1 | 3 | 3 | 4.2 | 0.0 | 4.2 | 12.6 | 12.6 | |
| Shenandoah Co. | 5 | 2 | 3 | 4 | 3 | 11.5 | 4.5 | 6.7 | 8.9 | 6.6 | |
| Warren Co. | 1 | 6 | 4 | 1 | 2 | 2.5 | 14.7 | 9.8 | 2.4 | 4.8 | |
| Winchester | 1 | 1 | 3 | 4 | 8 | 3.6 | 3.6 | 10.7 | 14.4 | 29.0 | |
| **District Total** | **11** | **14** | **16** | **14** | **19** | **4.6** | **5.8** | **6.5** | **5.6** | **7.6** | |
| **Rappahannock Health District** | | | | | | | | | | | |
| Caroline Co. | 4 | 6 | 3 | 2 | 8 | 13.0 | 19.4 | 9.6 | 6.3 | 24.5 | |
| Fredericksburg | 4 | 2 | 8 | 6 | 5 | 13.7 | 7.1 | 28.1 | 20.9 | 17.3 | |
| King George Co. | 0 | 0 | 0 | 3 | 4 | 0.0 | 0.0 | 0.0 | 10.7 | 14.0 | |
| Spotsylvania Co. | 12 | 5 | 16 | 18 | 13 | 8.8 | 3.6 | 11.1 | 12.3 | 8.7 | |
| Stafford Co. | 21 | 19 | 17 | 19 | 17 | 13.7 | 12.0 | 10.5 | 11.6 | 10.3 | |
| **District Total** | **41** | **32** | **44** | **48** | **47** | **10.9** | **8.3** | **11.2** | **12.0** | **11.6** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESd: Northwest Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Northwest**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Rappahannock/Rapidan Health District** | | | | | | | | | | | |
| Culpeper Co. | 3 | 0 | 8 | 8 | 4 | 5.7 | 0.0 | 14.9 | 14.7 | 7.3 | |
| Fauquier Co. | 5 | 1 | 7 | 0 | 3 | 7.0 | 1.4 | 9.5 | 0.0 | 4.0 | |
| Madison Co. | 0 | 0 | 0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 7.1 | 7.1 | |
| Orange Co. | 3 | 6 | 1 | 1 | 6 | 8.1 | 16.5 | 2.7 | 2.6 | 15.6 | |
| Rappahannock Co. | 0 | 0 | 0 | 0 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 13.5 | |
| **District Total** | **11** | **7** | **16** | **10** | **15** | **6.1** | **3.8** | **8.6** | **5.3** | **7.9** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESe: Southwest Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Southwest**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **Total** | **52** | **65** | **110** | **130** | **168** | **3.9** | **4.9** | **8.3** | **9.8** | **12.7** | |
| **Alleghany Health District** | | | | | | | | | | | |
| Alleghany Co. | 0 | 0 | 2 | 2 | 2 | 0.0 | 0.0 | 13.3 | 13.6 | 13.7 | |
| Botetourt Co. | 0 | 0 | 2 | 0 | 1 | 0.0 | 0.0 | 5.9 | 0.0 | 2.9 | |
| Covington | 0 | 0 | 3 | 0 | 2 | 0.0 | 0.0 | 52.5 | 0.0 | 36.1 | |
| Craig Co. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Roanoke Co. | 2 | 2 | 8 | 12 | 8 | 2.1 | 2.1 | 8.3 | 12.4 | 8.2 | |
| Salem | 2 | 2 | 1 | 2 | 3 | 7.9 | 7.9 | 3.9 | 7.8 | 11.7 | |
| **District Total** | **4** | **4** | **16** | **16** | **16** | **2.2** | **2.2** | **8.8** | **8.8** | **8.8** | |
| **Central Virginia Health District** | | | | | | | | | | | |
| Amherst Co. | 1 | 1 | 2 | 3 | 5 | 3.2 | 3.2 | 6.4 | 9.5 | 15.9 | |
| Appomattox Co. | 0 | 0 | 0 | 4 | 2 | 0.0 | 0.0 | 0.0 | 23.9 | 11.9 | |
| Bedford Co. | 2 | 2 | 1 | 3 | 7 | 2.5 | 2.5 | 1.2 | 3.7 | 8.6 | |
| Campbell Co. | 2 | 1 | 2 | 4 | 12 | 3.6 | 1.8 | 3.6 | 7.3 | 21.7 | |
| Lynchburg | 5 | 5 | 7 | 17 | 32 | 6.1 | 6.3 | 8.8 | 21.5 | 40.2 | |
| **District Total** | **10** | **9** | **12** | **31** | **58** | **3.8** | **3.4** | **4.6** | **11.8** | **21.9** | |
| **Cumberland Plateau Health District** | | | | | | | | | | | |
| Buchanan Co. | 0 | 1 | 2 | 0 | 0 | 0.0 | 4.9 | 10.1 | 0.0 | 0.0 | |
| Dickenson Co. | 0 | 0 | 0 | 3 | 0 | 0.0 | 0.0 | 0.0 | 21.8 | 0.0 | |
| Russell Co. | 1 | 0 | 3 | 1 | 1 | 3.7 | 0.0 | 11.7 | 3.9 | 3.9 | |
| Tazewell Co. | 0 | 0 | 5 | 1 | 0 | 0.0 | 0.0 | 12.5 | 2.5 | 0.0 | |
| **District Total** | **1** | **1** | **10** | **5** | **1** | **1.0** | **1.0** | **10.1** | **5.1** | **1.0** | |
| **Lenowisco Health District** | | | | | | | | | | | |
| Lee Co. | 0 | 1 | 1 | 0 | 3 | 0.0 | 4.5 | 4.5 | 0.0 | 13.8 | |
| Norton | 0 | 0 | 0 | 0 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | |
| Scott Co. | 1 | 1 | 0 | 2 | 2 | 4.6 | 4.6 | 0.0 | 9.3 | 9.3 | |
| Wise Co. | 0 | 1 | 1 | 2 | 4 | 0.0 | 2.8 | 2.8 | 5.7 | 11.4 | |
| **District Total** | **1** | **3** | **2** | **4** | **10** | **1.2** | **3.6** | **2.4** | **4.9** | **12.2** | |
| **Mount Rogers Health District** | | | | | | | | | | | |
| Bland Co. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Bristol | 3 | 1 | 5 | 2 | 4 | 17.6 | 5.8 | 29.3 | 11.8 | 23.8 | |
| Carroll Co. | 1 | 2 | 5 | 0 | 2 | 3.3 | 6.9 | 17.2 | 0.0 | 6.8 | |
| Galax | 0 | 2 | 1 | 0 | 3 | 0.0 | 29.8 | 15.0 | 0.0 | 44.7 | |
| Grayson Co. | 1 | 1 | 2 | 2 | 0 | 6.4 | 6.5 | 13.0 | 13.1 | 0.0 | |
| Smyth Co. | 2 | 1 | 0 | 0 | 1 | 6.6 | 3.4 | 0.0 | 0.0 | 3.4 | |
| Washington Co. | 2 | 5 | 1 | 2 | 6 | 3.7 | 9.3 | 1.9 | 3.7 | 11.1 | |
| Wythe Co. | 4 | 1 | 1 | 0 | 0 | 14.0 | 3.5 | 3.5 | 0.0 | 0.0 | |
| **District Total** | **13** | **13** | **15** | **6** | **16** | **6.9** | **7.0** | **8.1** | **3.2** | **8.6** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 3-ESe: Southwest Region, New Early Syphilis Diagnoses by Health District and City/County, 2019-2023

**Southwest**

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | Trend |
| **New River Health District** | | | | | | | | | | | |
| Floyd Co. | 0 | 0 | 0 | 2 | 0 | 0.0 | 0.0 | 0.0 | 12.8 | 0.0 | |
| Giles Co. | 0 | 1 | 1 | 1 | 3 | 0.0 | 6.0 | 6.0 | 6.1 | 18.2 | |
| Montgomery Co. | 0 | 2 | 11 | 3 | 7 | 0.0 | 2.0 | 11.1 | 3.0 | 7.1 | |
| Pulaski Co. | 2 | 1 | 0 | 1 | 0 | 5.9 | 3.0 | 0.0 | 3.0 | 0.0 | |
| Radford | 0 | 2 | 0 | 2 | 3 | 0.0 | 12.4 | 0.0 | 12.0 | 17.7 | |
| **District Total** | **2** | **6** | **12** | **9** | **13** | **1.1** | **3.3** | **6.6** | **5.0** | **7.2** | |
| **Pittsylvania/Danville Health District** | | | | | | | | | | | |
| Danville | 6 | 13 | 7 | 17 | 8 | 15.0 | 30.5 | 16.6 | 40.5 | 19.1 | |
| Pittsylvania Co. | 4 | 6 | 3 | 5 | 3 | 6.6 | 9.9 | 5.0 | 8.4 | 5.0 | |
| **District Total** | **10** | **19** | **10** | **22** | **11** | **9.9** | **18.5** | **9.8** | **21.6** | **10.8** | |
| **Roanoke Health District** | | | | | | | | | | | |
| Roanoke | 5 | 6 | 26 | 28 | 32 | 5.0 | 6.0 | 26.3 | 28.7 | 32.9 | |
| **District Total** | **5** | **6** | **26** | **28** | **32** | **5.0** | **6.0** | **26.3** | **28.7** | **32.9** | |
| **West Piedmont Health District** | | | | | | | | | | | |
| Franklin Co. | 0 | 3 | 0 | 2 | 6 | 0.0 | 5.5 | 0.0 | 3.6 | 10.8 | |
| Henry Co. | 3 | 0 | 5 | 2 | 4 | 5.9 | 0.0 | 9.9 | 4.0 | 8.0 | |
| Martinsville | 3 | 1 | 1 | 4 | 1 | 24.1 | 7.4 | 7.4 | 29.2 | 7.3 | |
| Patrick Co. | 0 | 0 | 1 | 1 | 0 | 0.0 | 0.0 | 5.7 | 5.7 | 0.0 | |
| **District Total** | **6** | **4** | **7** | **9** | **11** | **4.4** | **2.9** | **5.1** | **6.6** | **8.1** | |

# VIRGINIA STD SURVEILLANCE REPORT

## Table 4-ESa: New Early Syphilis Diagnoses by Health District, 2019-2023 (Alphabetical)

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | % Change | Trend |
| **Virginia Total** | **1,287** | **1,296** | **1,413** | **1,551** | **1,801** | **15.0** | **15.0** | **16.3** | **17.9** | **20.7** | **+28.7%** | |
| Alexandria | 66 | 55 | 65 | 60 | 49 | 41.5 | 34.6 | 41.9 | 38.7 | 31.6 | **-19.4%** | |
| Alleghany | 4 | 4 | 16 | 16 | 16 | 2.2 | 2.2 | 8.8 | 8.8 | 8.8 | **+59.7%** | |
| Arlington | 77 | 67 | 72 | 63 | 69 | 32.3 | 28.1 | 30.8 | 27.0 | 29.5 | **-0.2%** | |
| Blue Ridge | 14 | 30 | 34 | 39 | 29 | 5.5 | 11.6 | 13.0 | 14.8 | 10.9 | **-2.6%** | |
| Central Shenandoah | 15 | 19 | 32 | 39 | 43 | 5.0 | 6.2 | 10.5 | 12.7 | 14.0 | **+62.2%** | |
| Central Virginia | 10 | 9 | 12 | 31 | 58 | 3.8 | 3.4 | 4.6 | 11.8 | 21.9 | **+271.9%** | |
| Chesapeake | 33 | 41 | 44 | 50 | 58 | 13.4 | 16.4 | 17.5 | 19.8 | 22.8 | **+36.1%** | |
| Chesterfield | 53 | 52 | 42 | 55 | 78 | 13.2 | 12.6 | 10.0 | 12.8 | 18.0 | **+47.7%** | |
| Chickahominy | 13 | 10 | 8 | 11 | 10 | 8.1 | 6.1 | 4.8 | 6.5 | 5.7 | **-9.3%** | |
| Crater | 45 | 55 | 31 | 61 | 62 | 29.1 | 34.0 | 19.2 | 37.8 | 38.5 | **+28.1%** | |
| Cumberland Plateau | 1 | 1 | 10 | 5 | 1 | 1.0 | 1.0 | 10.1 | 5.1 | 1.0 | **-76.0%** | |
| Eastern Shore | 0 | 5 | 2 | 0 | 2 | 0.0 | 11.0 | 4.4 | 0.0 | 4.4 | **+15.1%** | |
| Fairfax | 136 | 115 | 126 | 169 | 143 | 11.4 | 9.7 | 10.7 | 14.3 | 12.1 | **+5.0%** | |
| Hampton | 49 | 56 | 48 | 41 | 61 | 36.3 | 40.8 | 34.8 | 29.7 | 44.5 | **+25.6%** | |
| Henrico | 88 | 97 | 69 | 95 | 128 | 26.5 | 29.0 | 20.6 | 28.4 | 38.2 | **+46.4%** | |
| Lenowisco | 1 | 3 | 2 | 4 | 10 | 1.2 | 3.6 | 2.4 | 4.9 | 12.2 | **+306.3%** | |
| Lord Fairfax | 11 | 14 | 16 | 14 | 19 | 4.6 | 5.8 | 6.5 | 5.6 | 7.6 | **+35.4%** | |
| Loudoun Co. | 22 | 20 | 28 | 21 | 23 | 5.3 | 4.7 | 6.5 | 4.9 | 5.3 | **-1.6%** | |
| Mount Rogers | 13 | 13 | 15 | 6 | 16 | 6.9 | 7.0 | 8.1 | 3.2 | 8.6 | **+36.9%** | |
| New River | 2 | 6 | 12 | 9 | 13 | 1.1 | 3.3 | 6.6 | 5.0 | 7.2 | **+79.4%** | |
| Norfolk | 92 | 100 | 116 | 146 | 158 | 37.8 | 42.1 | 49.4 | 62.8 | 68.4 | **+42.5%** | |
| Peninsula | 85 | 69 | 86 | 71 | 91 | 24.1 | 19.0 | 23.6 | 19.5 | 24.9 | **+15.6%** | |
| Piedmont | 14 | 10 | 12 | 9 | 22 | 13.7 | 9.9 | 11.9 | 8.9 | 21.7 | **+95.6%** | |
| Pittsylvania/Danville | 10 | 19 | 10 | 22 | 11 | 9.9 | 18.5 | 9.8 | 21.6 | 10.8 | **-27.4%** | |
| Portsmouth | 48 | 51 | 85 | 71 | 72 | 50.7 | 52.1 | 87.0 | 73.2 | 74.4 | **+13.1%** | |
| Prince William | 59 | 78 | 58 | 66 | 86 | 11.1 | 14.4 | 10.6 | 12.1 | 15.7 | **+30.1%** | |
| Rappahannock | 41 | 32 | 44 | 48 | 47 | 10.9 | 8.3 | 11.2 | 12.0 | 11.6 | **+9.3%** | |
| Rapp./Rapidan | 11 | 7 | 16 | 10 | 15 | 6.1 | 3.8 | 8.6 | 5.3 | 7.9 | **+32.7%** | |
| Richmond City | 156 | 138 | 115 | 150 | 234 | 67.5 | 60.8 | 50.6 | 65.7 | 102.1 | **+66.9%** | |
| Roanoke City | 5 | 6 | 26 | 28 | 32 | 5.0 | 6.0 | 26.3 | 28.7 | 32.9 | **+99.4%** | |
| Southside | 6 | 5 | 21 | 7 | 10 | 7.4 | 6.2 | 26.2 | 8.8 | 12.5 | **+3.0%** | |
| Three Rivers | 9 | 9 | 8 | 13 | 12 | 6.3 | 6.3 | 5.5 | 8.9 | 8.1 | **+20.4%** | |
| Virginia Beach | 73 | 70 | 106 | 86 | 66 | 16.2 | 15.2 | 23.1 | 18.9 | 14.5 | **-20.8%** | |
| West Piedmont | 6 | 4 | 7 | 9 | 11 | 4.4 | 2.9 | 5.1 | 6.6 | 8.1 | **+69.2%** | |
| Western Tidewater | 19 | 26 | 19 | 26 | 46 | 12.2 | 16.3 | 11.7 | 15.8 | 27.4 | **+95.8%** | |

***Note**: Percent change compares the 2023 rate to the 2019-2022 average annual rate.*

# VIRGINIA STD SURVEILLANCE REPORT

## Table 4-ESb: New Early Syphilis Diagnoses by Health District, 2019-2023 (Descending 2023 Rate)

| | Number of New Early Syphilis Diagnoses | | | | | Rate of New Early Syphilis Diagnoses per 100,000 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 2019 | 2020 | 2021 | 2022 | 2023 | % Change | Trend |
| Richmond City | 156 | 138 | 115 | 150 | 234 | 67.5 | 60.8 | 50.6 | 65.7 | **102.1** | +66.9% | |
| Portsmouth | 48 | 51 | 85 | 71 | 72 | 50.7 | 52.1 | 87.0 | 73.2 | **74.4** | +13.1% | |
| Norfolk | 92 | 100 | 116 | 146 | 158 | 37.8 | 42.1 | 49.4 | 62.8 | **68.4** | +42.5% | |
| Hampton | 49 | 56 | 48 | 41 | 61 | 36.3 | 40.8 | 34.8 | 29.7 | **44.5** | +25.6% | |
| Crater | 45 | 55 | 31 | 61 | 62 | 29.1 | 34.0 | 19.2 | 37.8 | **38.5** | +28.1% | |
| Henrico | 88 | 97 | 69 | 95 | 128 | 26.5 | 29.0 | 20.6 | 28.4 | **38.2** | +46.4% | |
| Roanoke City | 5 | 6 | 26 | 28 | 32 | 5.0 | 6.0 | 26.3 | 28.7 | **32.9** | +99.4% | |
| Alexandria | 66 | 55 | 65 | 60 | 49 | 41.5 | 34.6 | 41.9 | 38.7 | **31.6** | -19.4% | |
| Arlington | 77 | 67 | 72 | 63 | 69 | 32.3 | 28.1 | 30.8 | 27.0 | **29.5** | -0.2% | |
| Western Tidewater | 19 | 26 | 19 | 26 | 46 | 12.2 | 16.3 | 11.7 | 15.8 | **27.4** | +95.8% | |
| Peninsula | 85 | 69 | 86 | 71 | 91 | 24.1 | 19.0 | 23.6 | 19.5 | **24.9** | +15.6% | |
| Chesapeake | 33 | 41 | 44 | 50 | 58 | 13.4 | 16.4 | 17.5 | 19.8 | **22.8** | +36.1% | |
| Central Virginia | 10 | 9 | 12 | 31 | 58 | 3.8 | 3.4 | 4.6 | 11.8 | **21.9** | +271.9% | |
| Piedmont | 14 | 10 | 12 | 9 | 22 | 13.7 | 9.9 | 11.9 | 8.9 | **21.7** | +95.6% | |
| **Virginia Total** | **1,287** | **1,296** | **1,413** | **1,551** | **1,801** | **15.0** | **15.0** | **16.3** | **17.9** | **20.7** | **+28.7%** | |
| Chesterfield | 53 | 52 | 42 | 55 | 78 | 13.2 | 12.6 | 10.0 | 12.8 | **18.0** | +47.7% | |
| Prince William | 59 | 78 | 58 | 66 | 86 | 11.1 | 14.4 | 10.6 | 12.1 | **15.7** | +30.1% | |
| Virginia Beach | 73 | 70 | 106 | 86 | 66 | 16.2 | 15.2 | 23.1 | 18.9 | **14.5** | -20.8% | |
| Central Shenandoah | 15 | 19 | 32 | 39 | 43 | 5.0 | 6.2 | 10.5 | 12.7 | **14.0** | +62.2% | |
| Southside | 6 | 5 | 21 | 7 | 10 | 7.4 | 6.2 | 26.2 | 8.8 | **12.5** | +3.0% | |
| Lenowisco | 1 | 3 | 2 | 4 | 10 | 1.2 | 3.6 | 2.4 | 4.9 | **12.2** | +306.3% | |
| Fairfax | 136 | 115 | 126 | 169 | 143 | 11.4 | 9.7 | 10.7 | 14.3 | **12.1** | +5.0% | |
| Rappahannock | 41 | 32 | 44 | 48 | 47 | 10.9 | 8.3 | 11.2 | 12.0 | **11.6** | +9.3% | |
| Blue Ridge | 14 | 30 | 34 | 39 | 29 | 5.5 | 11.6 | 13.0 | 14.8 | **10.9** | -2.6% | |
| Pittsylvania/Danville | 10 | 19 | 10 | 22 | 11 | 9.9 | 18.5 | 9.8 | 21.6 | **10.8** | -27.4% | |
| Alleghany | 4 | 4 | 16 | 16 | 16 | 2.2 | 2.2 | 8.8 | 8.8 | **8.8** | +59.7% | |
| Mount Rogers | 13 | 13 | 15 | 6 | 16 | 6.9 | 7.0 | 8.1 | 3.2 | **8.6** | +36.9% | |
| Three Rivers | 9 | 9 | 8 | 13 | 12 | 6.3 | 6.3 | 5.5 | 8.9 | **8.1** | +20.4% | |
| West Piedmont | 6 | 4 | 7 | 9 | 11 | 4.4 | 2.9 | 5.1 | 6.6 | **8.1** | +69.2% | |
| Rapp./Rapidan | 11 | 7 | 16 | 10 | 15 | 6.1 | 3.8 | 8.6 | 5.3 | **7.9** | +32.7% | |
| Lord Fairfax | 11 | 14 | 16 | 14 | 19 | 4.6 | 5.8 | 6.5 | 5.6 | **7.6** | +35.4% | |
| New River | 2 | 6 | 12 | 9 | 13 | 1.1 | 3.3 | 6.6 | 5.0 | **7.2** | +79.4% | |
| Chickahominy | 13 | 10 | 8 | 11 | 10 | 8.1 | 6.1 | 4.8 | 6.5 | **5.7** | -9.3% | |
| Loudoun | 22 | 20 | 28 | 21 | 23 | 5.3 | 4.7 | 6.5 | 4.9 | **5.3** | -1.6% | |
| Eastern Shore | 0 | 5 | 2 | 0 | 2 | 0.0 | 11.0 | 4.4 | 0.0 | **4.4** | +15.1% | |
| Cumberland Plateau | 1 | 1 | 10 | 5 | 1 | 1.0 | 1.0 | 10.1 | 5.1 | **1.0** | -76.0% | |

***Note**: Percent change compares the 2023 rate to the 2019-2022 average annual rate.*

## Table 5-ES: New Early Syphilis Diagnoses in 2023 by Population and Risk Behavior

| | Number | Percent of Total | | Number with HIV Coinfection | Percent with HIV Coinfection |
|---|---|---|---|---|---|
| **Total** | **1,801** | **100%** | | **574** | **31.87%** |
| **Gender of Case and Gender of Reported Sexual Partners** | | | | | |
| Men who have sex with men only | 719 | 39.9% | | 343 | 47.7% |
| Men who have sex with men and women | 120 | 6.7% | | 44 | 36.7% |
| Men who have sex with women only | 345 | 19.2% | | 31 | 9.0% |
| Men who have sex with partners of unknown gender | 281 | 15.6% | | 131 | 46.6% |
| Women, all | 294 | 16.3% | | 10 | 3.4% |
| Transgender/Other, all | 42 | 2.3% | | 15 | 35.7% |
| **Reported Risk*** | | | | | |
| Incarcerated | 221 | 12.3% | | 48 | 21.7% |
| Transactional Sex | 111 | 6.2% | | 26 | 23.4% |
| Injection Drug Use | 47 | 2.6% | | 17 | 36.2% |
| Heroin/Opioid Use | 54 | 3.0% | | 14 | 25.9% |
| Cocaine Use | 92 | 5.1% | | 27 | 29.3% |
| Meth Use | 84 | 4.7% | | 33 | 39.3% |

**Defined as engaging in risk behavior and/or experiencing risk factor within 12 months prior to diagnosis*

## Figure 4-ES: New Early Syphilis Diagnoses in 2023 by Gender of Patient and Sex Partners and HIV Coinfection Status

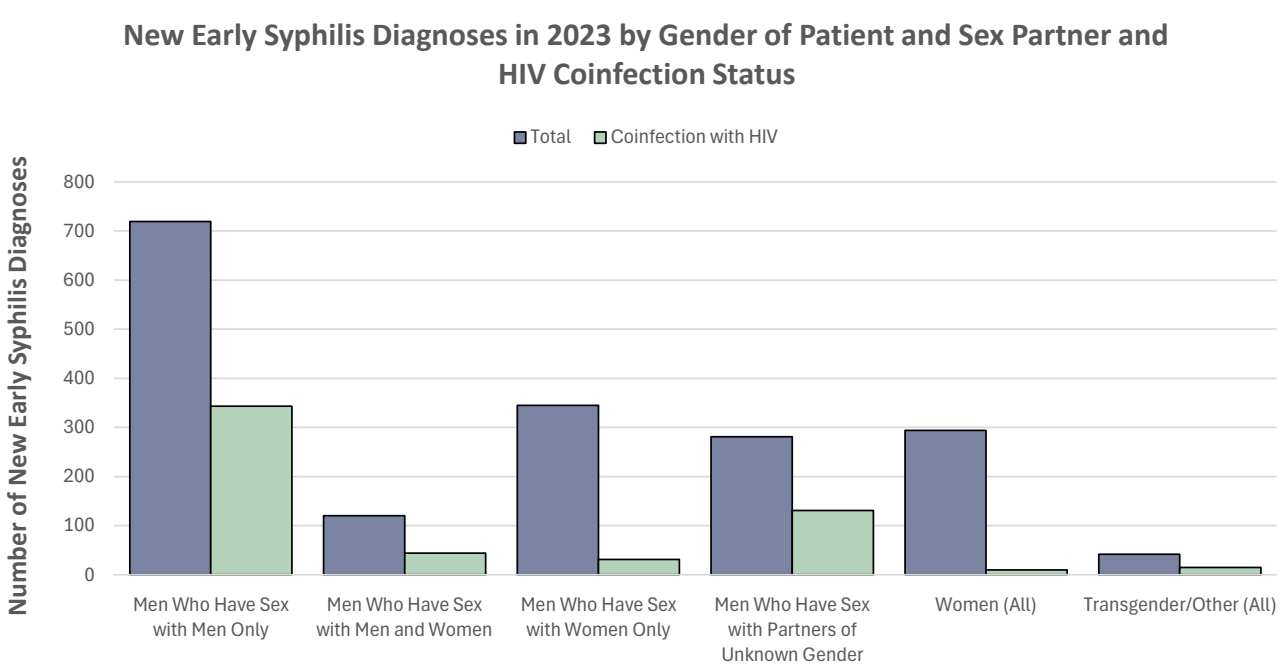
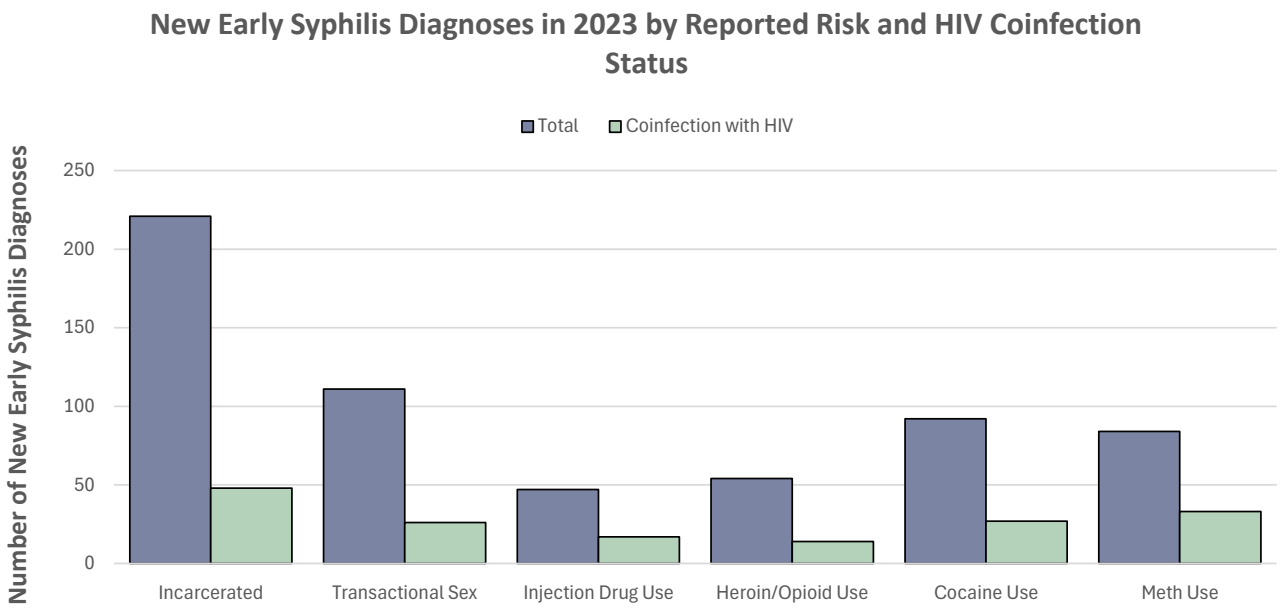


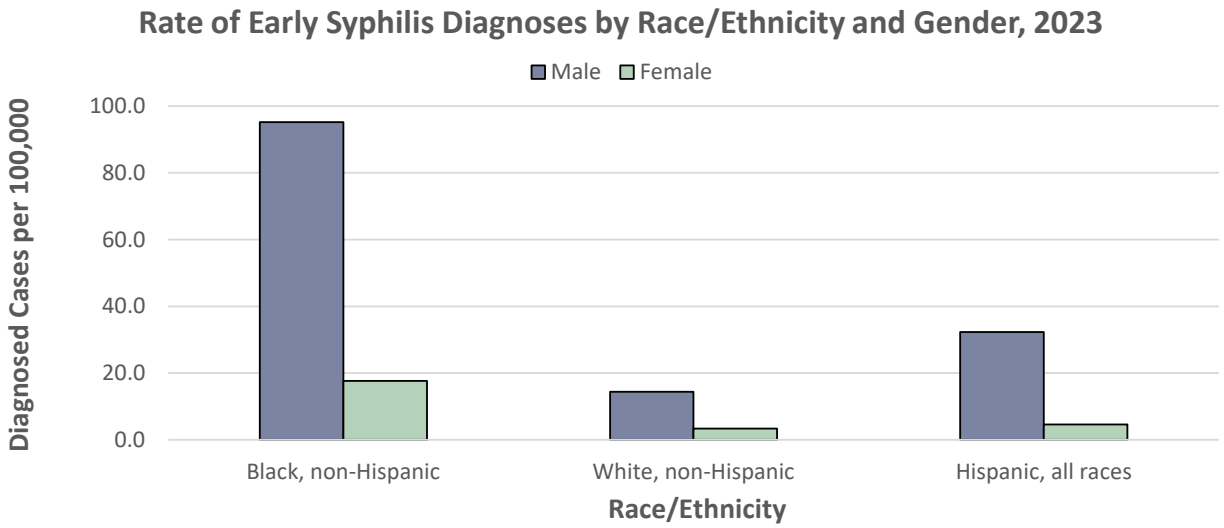
**Figure 5-ES: New Early Syphilis Diagnoses in 2023 by Reported Risk and HIV Coinfection Status**



## Table 6-ES: New Early Syphilis Diagnoses in 2023 by Race/Ethnicity and Gender

| | Black, Non-Hispanic | | White, Non-Hispanic | | Hispanic, All Races | | Multi-race or Other | | Unknown | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| **Total** | **947** | **56.9** | **463** | **9.0** | **186** | **19.1** | **183** | - | **22** | - |
| **Gender** | | | | | | | | | | |
| Male | 764 | 95.2 | 369 | 14.4 | 162 | 32.3 | 151 | - | 19 | - |
| Female | 152 | 17.6 | 88 | 3.4 | 22 | 4.6 | 30 | - | 2 | - |
| Transgender/Other | 31 | - | 6 | - | 2 | - | 2 | - | 1 | - |

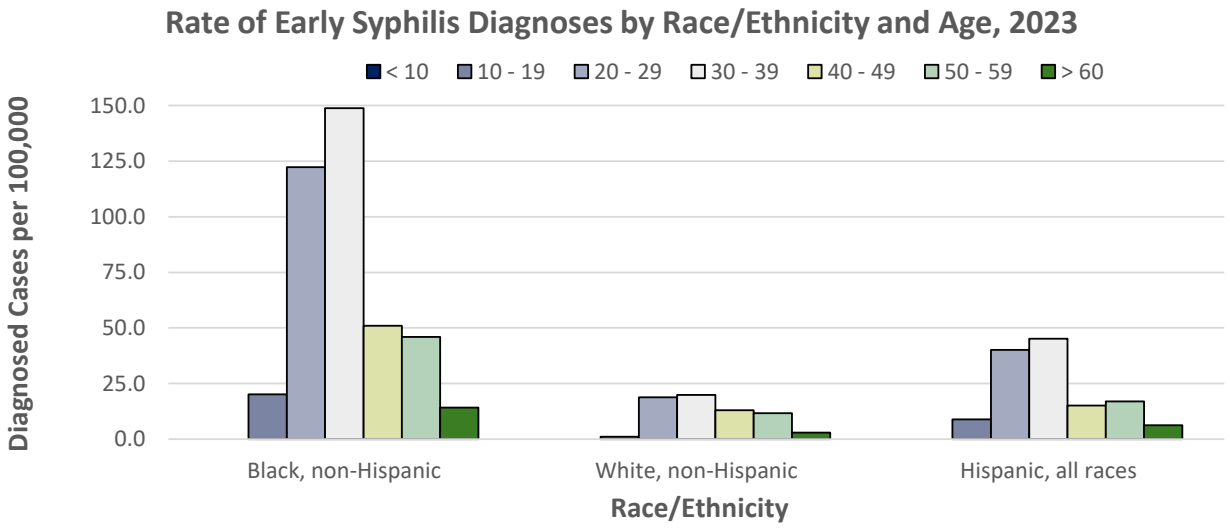
## Figure 6-ES: Rate of Early Syphilis Diagnoses by Race/Ethnicity and Gender, 2023



## Table 7-ES: New Early Syphilis Diagnoses in 2023 by Race/Ethnicity and Age

| | Black, non-Hispanic | | White, non-Hispanic | | Hispanic, all races | | Multi-race or Other | | Unknown | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| **Total** | **947** | **56.9** | **463** | **9.0** | **186** | **19.1** | **183** | - | **22** | - |
| **Age at Diagnosis** | | | | | | | | | | |
| < 10 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | - | 0 | - |
| 10-19 | 44 | 20.2 | 6 | 1.0 | 15 | 8.9 | 3 | - | 1 | - |
| 20-29 | 284 | 122.3 | 117 | 18.8 | 61 | 40.1 | 60 | - | 9 | - |
| 30-39 | 367 | 148.7 | 134 | 19.9 | 65 | 45.2 | 64 | - | 6 | - |
| 40-49 | 106 | 50.9 | 82 | 13.0 | 22 | 15.2 | 27 | - | 2 | - |
| 50-59 | 96 | 46.0 | 80 | 11.7 | 17 | 17.0 | 21 | - | 2 | - |
| > 60 | 50 | 14.2 | 44 | 3.0 | 6 | 6.3 | 8 | - | 2 | - |

## Figure 7-ES: Rate of Early Syphilis Diagnoses by Race/Ethnicity and Age, 2023



## Table 8-ES: New Early Syphilis Diagnoses in 2023 by Gender and Age

| | Male | | Female | | Transgender/Other | |
|---|---|---|---|---|---|---|
| | Number | Rate | Number | Rate | Number | Rate |
| **Total** | **1,465** | **34.0** | **294** | **6.7** | **42** | **-** |
| **Age at Diagnosis** | | | | | | |
| < 10 | 0 | 0.0 | 0 | 0.0 | 0 | - |
| 10-19 | 43 | 7.6 | 25 | 4.7 | 1 | - |
| 20-29 | 398 | 68.2 | 116 | 20.8 | 17 | - |
| 30-39 | 534 | 88.7 | 84 | 14.0 | 18 | - |
| 40-49 | 195 | 35.1 | 42 | 7.5 | 2 | - |
| 50-59 | 193 | 35.6 | 20 | 3.6 | 3 | - |
| > 60 | 102 | 10.8 | 7 | 0.6 | 1 | - |

## Figure 8-ES: Rate of Early Syphilis Diagnoses by Gender and Age, 2023

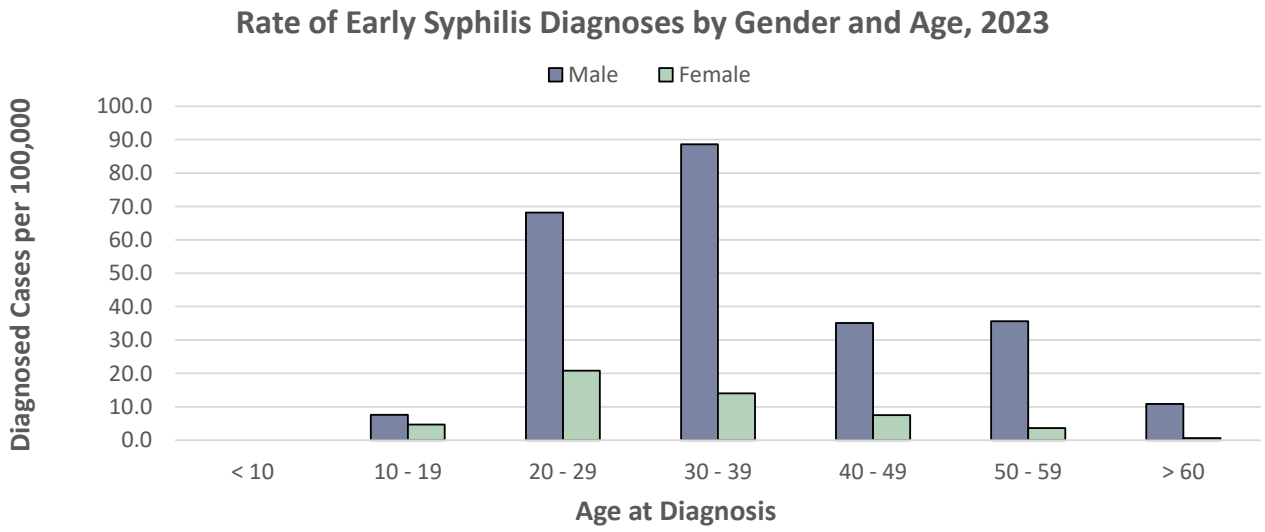
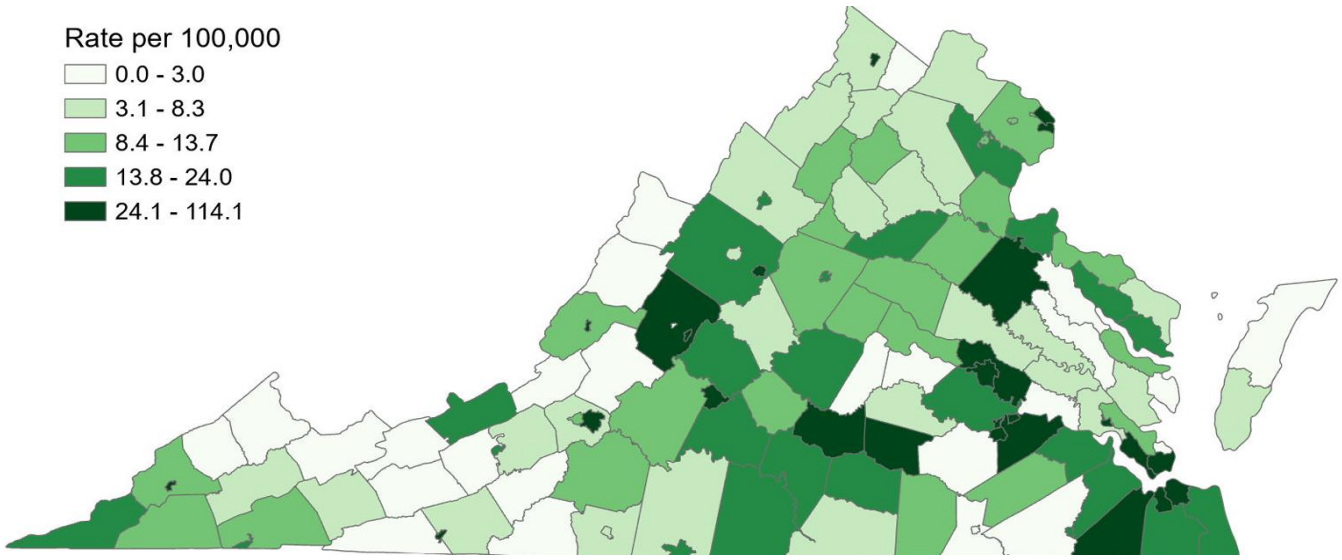



**Figure 9-ES: Early Syphilis Rates by Locality in Virginia, 2023**