

CHAPTER 22: SEXUALLY TRANSMITTED DISEASES

HIV Testing Prevalence in 2004 and 2005

Definition

In 2004, responding “Yes” to the following question: “Have you EVER been tested for HIV? Do not count tests you may have had as part of a blood donation.”

In 2005, responding “Yes” to the following question: “Have you EVER been tested for HIV? Do not count tests you may have had as part of a blood donation. Include tests using fluid from your mouth.”

Prevalence

WV: 33.6% (95% CI: 31.5-35.8) in 2004; **32.5%** (95% CI: 30.4-34.6) in 2005.

US: 43.8% (95% CI: 43.4-44.2) in 2004; **39.6%** (95% CI: 39.2-40.0) in 2005.

West Virginia ranked 46th highest among 52 BRFSS participants in 2004 and 42nd highest among 53 BRFSS participants in 2005.

Age

In both 2004 and 2005, HIV testing was significantly higher among those aged 25-34 than among adults in any other age group.

Table 22.1 HIV testing among adults aged 18-64 by demographic characteristics: WVBRFSS, 2004 and 2005

| Characteristic | 2004 | | | 2005 | | |
|--------------------|---------|-------------|-----------|---------|-------------|-----------|
| | # Resp. | % | 95% CI | # Resp. | % | 95% CI |
| TOTAL | 2,436 | 33.6 | 31.5-35.8 | 2,491 | 32.5 | 30.4-34.6 |
| Sex | | | | | | |
| Males | 991 | 32.3 | 29.0-35.6 | 995 | 28.1 | 25.0-31.3 |
| Females | 1,445 | 34.9 | 32.1-37.7 | 1,496 | 36.9 | 34.0-39.7 |
| Age | | | | | | |
| 18-24 | 180 | 32.4 | 25.1-39.7 | 163 | 34.9 | 27.2-42.6 |
| 25-34 | 444 | 53.1 | 48.0-58.3 | 442 | 53.1 | 48.0-58.3 |
| 35-44 | 560 | 42.1 | 37.6-46.6 | 559 | 36.3 | 31.9-40.6 |
| 45-54 | 658 | 25.0 | 21.4-28.6 | 718 | 24.1 | 20.7-27.5 |
| 55-64 | 594 | 14.5 | 11.4-17.6 | 609 | 15.6 | 12.4-18.7 |
| Education | | | | | | |
| Less than H.S. | 323 | 32.4 | 26.5-38.3 | 337 | 29.5 | 23.7-35.4 |
| H.S. or G.E.D. | 943 | 30.4 | 27.0-33.8 | 984 | 28.5 | 25.3-31.8 |
| Some Post-H.S. | 571 | 36.6 | 31.9-41.2 | 571 | 37.8 | 33.1-42.5 |
| College Graduate | 597 | 36.8 | 32.5-41.1 | 598 | 36.0 | 31.7-40.3 |
| Income | | | | | | |
| Less than \$15,000 | 369 | 42.1 | 35.8-48.4 | 344 | 34.1 | 28.1-40.0 |
| \$15,000- 24,999 | 412 | 36.8 | 31.4-42.3 | 457 | 31.3 | 26.4-36.2 |
| \$25,000- 34,999 | 301 | 32.1 | 26.0-38.2 | 336 | 31.9 | 26.2-37.6 |
| \$35,000-49,999 | 438 | 33.3 | 28.2-38.3 | 377 | 32.6 | 27.2-38.1 |
| \$50,000-74,000 | 385 | 29.5 | 24.5-34.4 | 420 | 32.9 | 27.9-38.0 |
| \$75,000+ | 337 | 32.1 | 26.6-37.6 | 346 | 34.9 | 29.4-40.5 |

QUICK STATS

- 38.2% of adults aged 18-64 who were tested for HIV in 2005 received their last test at a private doctor's office, 27.9% at a hospital, and 20.6% at a clinic.

No Condom Counseling (among Adults 18-64) in 2004

Definition

Responding “No” to the following question: “In the past 12 months has a doctor, nurse, or other health professional talked to you about preventing sexually transmitted diseases through condom use?”

Table 22.2 No condom counseling among adults aged 18-64 by demographic characteristics: WVBRFSS, 2004

| Characteristic | Men | | | Women | | | Total | | |
|--------------------|---------|--------------|-----------|---------|-------------|-----------|---------|-------------|-----------|
| | # Resp. | % | 95% CI | # Resp. | % | 95% CI | # Resp. | % | 95% CI |
| TOTAL | 1,027 | 93.3 | 91.1-95.5 | 1,514 | 87.1 | 85.0-89.3 | 2,541 | 90.2 | 88.7-91.7 |
| Age | | | | | | | | | |
| 18-24 | 72 | *76.3 | 65.2-87.5 | 112 | 61.6 | 51.8-71.3 | 184 | 69.1 | 61.6-76.5 |
| 25-34 | 177 | 92.2 | 87.9-96.5 | 279 | 82.2 | 77.6-86.8 | 456 | 87.2 | 84.0-90.4 |
| 35-44 | 233 | 98.7 | 97.4-100 | 352 | 88.5 | 84.9-92.1 | 585 | 93.6 | 91.5-95.6 |
| 45-54 | 292 | 96.9 | 94.8-98.9 | 398 | 96.6 | 94.6-98.5 | 690 | 96.7 | 95.3-98.1 |
| 55-64 | 253 | 97.7 | 96.0-99.5 | 373 | 98.6 | 97.2-99.9 | 626 | 98.2 | 97.1-99.3 |
| Education | | | | | | | | | |
| Less than H.S. | 143 | 94.5 | 89.1-100 | 201 | 84.1 | 77.9-90.3 | 344 | 89.1 | 85.0-93.3 |
| H.S. or G.E.D. | 423 | 92.9 | 89.5-96.2 | 566 | 89.4 | 86.5-92.4 | 989 | 91.3 | 89.0-93.5 |
| Some Post-H.S. | 213 | 87.9 | 81.5-94.4 | 382 | 85.1 | 80.4-89.9 | 595 | 86.4 | 82.5-90.4 |
| College Graduate | 247 | 99.0 | 97.7-100 | 364 | 87.6 | 83.4-91.8 | 611 | 93.1 | 90.8-95.4 |
| Income | | | | | | | | | |
| Less than \$15,000 | 126 | 93.9 | 88.4-99.4 | 267 | 79.6 | 73.7-85.4 | 393 | 86.1 | 81.9-90.2 |
| \$15,000- 24,999 | 166 | 94.3 | 89.4-99.3 | 266 | 81.9 | 76.3-87.4 | 432 | 87.7 | 83.9-91.5 |
| \$25,000- 34,999 | 123 | 92.9 | 87.2-98.6 | 193 | 85.6 | 79.6-91.6 | 316 | 89.0 | 84.8-93.2 |
| \$35,000- 49,999 | 183 | 90.6 | 84.5-96.8 | 270 | 93.5 | 89.8-97.2 | 453 | 92.1 | 88.6-95.7 |
| \$50,000- 74,999 | 188 | 95.3 | 91.1-99.5 | 208 | 91.6 | 86.4-96.9 | 396 | 93.7 | 90.3-97.0 |
| \$75,000+ | 169 | 96.8 | 93.6-100 | 177 | 91.7 | 86.7-96.7 | 346 | 94.6 | 91.7-97.5 |

* Use caution when interpreting and reporting this estimate. See discussion of unstable estimates on page 9.

High-Risk Behavior in 2004 and 2005

Definition

Responding “Yes” to the following question: “I’m going to read you a list. When I’m done, please tell me if any of the situations apply to you. You don’t need to tell me which one.

You have used intravenous drugs in the past year.

You have been treated for a sexually transmitted or venereal disease in the past year.

You have given or received money or drugs in exchange for sex in the past year.

You had anal sex without a condom in the past year.

Do any of these situations apply to you?”

Table 22.3 High-risk behavior among adults aged 18-64 by gender: WVBRFSS, 2004 and 2005

| Characteristic | 2004 | | | 2005 | | |
|----------------|---------|------------|---------|---------|------------|---------|
| | # Resp. | % | 95% CI | # Resp. | % | 95% CI |
| TOTAL | 2,538 | 2.3 | 1.6-3.1 | 2,556 | 3.0 | 2.1-3.8 |
| Males | 1,027 | 1.9 | 0.9-3.0 | 1,025 | 3.4 | 2.0-4.8 |
| Females | 1,511 | 2.7 | 1.7-3.8 | 1,531 | 2.5 | 1.5-3.6 |