S1A Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult Women in Papua New Guinea

| No. | Datatype | Year | Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Prevalence test-, high risk-, yaw- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Source |
|----------|-----------------|------|-------------------------------------|---------------|----------|---------------------|--|--|-----------------------------|---|---------------|-----------------|--|
| 1 ANC s | sentinel survey | 2008 | RPR (any titer) & TPHA, or SNTTP | 34 | 627 | 5.42 | 5.42 | 4.88 | 50.0 | | Urban | 2 | THE 2009 STI, HIV AND AIDS ANNUAL SURVEILLANCE REPORT National Department of Health STI, HIV and AIDS Surveillance Unit 2010 October |
| 2 ANC s | sentinel survey | 2008 | RPR (any titer) & TPHA, or SNTTP | 26 | 226 | 11.50 | 11.50 | 10.35 | 50.0 | | Rural | 1 | THE 2009 STI, HIV AND AIDS ANNUAL SURVEILLANCE REPORT National Department of Health STI, HIV and AIDS Surveillance Unit 2010 October |
| 3 ANC s | sentinel survey | 2009 | RPR (any titer) & TPHA, or SNTTP | 223 | 3,251 | 6.86 | 6.86 | 6.17 | 50.0 | | Urban | 11 | National Surveillance report 2010 National Department of Health STI, HIV and AIDS Surveillance Unit Published in January 2012 |
| 4 ANC s | sentinel survey | 2009 | RPR (any titer) & TPHA, or SNTTP | 98 | 2,345 | 4.18 | 4.18 | 3.76 | 50.0 | | Rural | | National Surveillance report 2010 National Department of Health STI, HIV and AIDS Surveillance Unit Published in January 2012 |
| 5 ANC s | sentinel survey | 2010 | RPR (any titer) & TPHA, or SNTTP | 235 | 4,172 | 5.63 | 5.63 | 5.07 | 50.0 | | Urban | 15 | National Surveillance report 2010 National Department of Health STI, HIV and AIDS Surveillance Unit Published in January 2012 |
| 6 ANC s | sentinel survey | 2010 | RPR (any titer) & TPHA, or SNTTP | 86 | 2,548 | 3.38 | 3.38 | 3.04 | 50.0 | | Rural | 9 | National Surveillance report 2010 National Department of Health STI, HIV and AIDS Surveillance Unit Published in January 2012 |
| 7 ANC s | sentinel survey | 2011 | RPR (any titer) & TPHA, or SNTTP | 435 | 6,005 | 7.24 | 7.24 | 6.52 | 50.0 | | Urban/rural | 24 | THE 2011 ANNUAL STIs, HIV/AIDS SURVEILLANCE REPORT Papua New Guinea National Department of Health STIs, HIV/AIDS Surveillance Unit Published in November 2013 |
| 8 ANC s | sentinel survey | 2010 | Rapid syphilis test (TPHA-based) | 35 | 2,288 | 1.53 | 1.07 | 0.96 | 20.0 | | 9 urban clini | 9 | Unger HW. Sulphadoxine-pyrimethamine plus azithromycin for prevention of low birthweight in Papua New Guinea: a randomised controlled trial |
| 9 ANC s | sentinel survey | 2011 | RPR (any titer) & TPHA, or SNTTP | 4 | 391 | 1.02 | 1.02 | 0.92 | 10.0 | | North Coast | ANC clinics in | Wangnapi RA. Prevalence and risk factors for Chlamydia trachomatis, Neisseria gonorrhoea and Trichomonas vaginalis infection in pregnant woman in Papua New Guinea |
| 10 ANC s | sentinel survey | 2014 | RPR (any titer) & TPHA, or SNTTP | 5 | 125 | 4.00 | 4.00 | 3.60 | 10.0 | | Urban Alota | 1 | Badman 2016. A novel point of care testing strategy for sexually transmitted infections among pregnant women in high-burden settings: results of a feasibility study in Papua New Guinea BMC infectious diseases |

S1A Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult Women in Papua New Guinea

| No. Datatype | Year | Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Prevalence test-, high risk-, yaw- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Source |
|--|------|-------------------------------------|---------------|----------|---------------------|--|--|-----------------------------|---|---------------|-----------------|---|
| 11 ANC sentinel survey | 2014 | RPR (any titer) & TPHA, or SNTTP | 17 | 765 | 2.22 | 2.22 | 2.00 | 25.0 | | 6 rural and p | 6 | Vallely et al., Prevalence and risk factors of chlamydia trachomatis, Neisseria gonorrhoeae, trichomonas vaginalis and other sexually transmissible infections among women attending antenatal clinics in three provinces in Papua New Guinea: a crosssectional survey Sexual Health 2016 |
| 12 ANC Routine | 2016 | Rapid syphilis test (TPHA-based) | 982 | 19,133 | 5.13 | 3.59 | 3.23 | 4.2 | 454,627 | National | | National programme data |
| 13 ANC Routine | 2017 | Rapid syphilis test (TPHA-based) | 1,540 | 22,669 | 6.79 | 4.76 | 4.28 | 4.9 | 465,563 | National | | National programme data |
| Blood donor screening (Men & Women) | 2011 | Unknown | 1,841 | 26,963 | 6.83 | 5.12 | 4.61 | 0* | | 21 blood ce | 21 | WHO 2016 global status report on blood safety and availability, https://extranet.who.int/iris/restricted/bitstream/10665/254987/1/9789241565431-eng.pdf |
| 15 Blood donor screening (Men & Women) | 2012 | Unknown | 3,443 | 26,518 | 12.98 | 9.74 | 8.76 | 0* | | 21 blood ce | 21 | WHO 2016 global status report on blood safety and availability, https://extranet.who.int/iris/restricted/bitstream/10665/254987/1/9789241565431-eng.pdf |
| 16 Blood donor screening (Men & Women) | 2013 | Unknown | 3,646 | 29,390 | 12.41 | 9.30 | 8.37 | 0* | | 21 blood ce | 21 | WHO 2016 global status report on blood safety and availability, https://extranet.who.int/iris/restricted/bitstream/10665/254987/1/9789241565431-eng.pdf |
| 17 Survey (STI clinic) | 2009 | RPR (any titer) & TPHA, | 134 | 2,099 | 6.38 | 6.38 | 5.75 | 0* | | Urban/rural | 13 | THE 2009 STI, HIV AND AIDS ANNUAL SURVEILLANCE REPORT National Department of Health STI, HIV and AIDS Surveillance Unit 2010 October https://www.aidsdatahub.org/sites/default/files/documents/2009_STI_and_HIV_Annual_Surveillance_Report.pdf |
| 18 Survey (STI clinic) | 2011 | Unknown | 82 | 1,528 | 5.37 | 4.02 | 3.62 | 0* | | Urban/rural | 6 | THE 2011 ANNUAL STIs, HIV/AIDS SURVEILLANCE REPORT Papua New Guinea National Department of Health STIs, HIV/AIDS Surveillance Unit Published in November 2013 |

S1A Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult Women in Papua New Guinea

| No. Datatype | Year | Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Prevalence test-, high risk-, yaw- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Source |
|----------------|------|---------------------------|---------------|----------|---------------------|--|--|-----------------------------|---|-------------|-----------------|--|
| 19 Survey(FSW) | 2010 | Rapid syphilis test (TPH. | 31 | 128 | 24.22 | 16.95 | 15.26 | 0* | | Port Moresb | | Kelly, A et al. (2011) Askim na save (Ask and understand): People who sell and/or exchange sex in Port Moresby. Key Quantitative Findings. Papua New Guinea Institute of Medical Research and the University of New South Wales: Sydney, Australia. |
| 20 Survey(FSW) | 2016 | RPR (any titer) & TPHA, | 49 | 674 | 7.27 | 7.27 | 6.54 | 0* | | Port Moresb | 1 | Kelly-Hanku at al (2018) Kauntim mi tu : Multi- Site Summary Report from the Key Population Integrated Bio-Behavioural Survey, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. |
| 21 Survey(FSW) | 2017 | RPR (any titer) & TPHA, | 49 | 709 | 6.91 | 6.91 | 6.22 | 0* | | Lae | 1 | Kelly-Hanku at al (2018) Kauntim mi tu : Multi- Site Summary Report from the Key Population Integrated Bio-Behavioural Survey, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. |
| 22 Survey(FSW) | 2017 | RPR (any titer) & TPHA, | 21 | 709 | 2.96 | 2.96 | 2.66 | 0* | | Mt Hagen | 1 | Kelly-Hanku at al (2018) Kauntim mi tu : Multi- Site Summary Report from the Key Population Integrated Bio-Behavioural Survey, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. |

Footnotes:

ANC routine screening data were weighted by the year-specific national coverage (%) of screening (i.e. the percentage of ANC-registered women screened for syphilis) small-scale subnational ANC or population-based surveys were assigned a weight between 10 and 50% depending on the number of sites, sample size and perceived quality of the study.

S1A Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult Women in Papua New Guinea

| No. | Datatype | Year | Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Prevalence test-, high risk-, yaw- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Source |
|-----------|--------------|------|-------------------------|---------------|----------|---------------------|--|--|-----------------------------|---|-------------|-----------------|--|
| Male data | a: | | | | | | | | | | | | |
| 1 Surv | rey (MSM/TG) | 2017 | RPR (any titer) & TPHA, | 16 | 400 | 4.00 | 4.00 | 3.60 | 0.0 | | Port Moresb | o 1 | Kelly-Hanku et al. (2017) Kauntim mi tu – Port Moresby: Key findings from the Key Population Integrated Bio-Behavioural Survey, Port Moresby, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. https://www.aidsdatahub.org/kauntim-mi-tu-%E2%80%93-port-moresby-key-findings-key-population-integrated-bio-behavioural-survey-port |
| 2 Surv | rey (MSM/TG) | 2017 | RPR (any titer) & TPHA, | 29 | 352 | 8.24 | 8.24 | 7.41 | 0.0 | | Lae | 1 | Kelly-Hanku at al (2018) Kauntim mi tu : Multi- Site Summary Report from the Key Population Integrated Bio-Behavioural Survey, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. |

These data were not used in estimations (which were for women only), but are included here so as to give a complete overview of STI prevalence data available

^{*}Used only in sensitivity analysis. For sensitivity analysis, all data sets were added 10% of weights

S1B Table. Gonorrhoea and chlamydia prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Papua New Guinea

| | | | | | | | | Gonorr | nea | | | | | | Chlamyd | ia | | | |
|--|---------------------|---|----------------|-----------|----------------------|--------------------|--------------------|------------------|------------|--|---------------------------------------|----------------------|--------------------|--------------------|------------------|------------|---|--|--|
| No Populatio | Study on year(s) | Location | Age (years) | Geography | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & Spectrum fitting (%) Adjusted | Comments | Source |
| 1 ANC, 2nd vi | sit 2010.5 | 9 antenatal clinics in Madang and Sumkar districts in Madang Province | >=16 | Urban | Genital Fluid | NAAT/PCR/LC R | 92 | 1,362 | 6.75 | 7.12 | 50 | Genital Fluid | i NAAT/PCR/LCR | 56 | 1,362 | 4.11 | 4.43 50 | Data from an RCT, with special inclusion criteria | Unger HW. Sulphadoxine- pyrimethamine plus azithromycin for prevention of low birthweight in Papua New Guinea: a randomised controlled trial. BMC Med. 2015 |
| 2 ANC, 1st vis | 2011 to it 2012 | North Coast (Madang) | 16 to 39 | Urban | Genital Fluid | NAAT/PCR/LC R | 35 | 362 | 9.67 | 10.34 | 100 | Genital Fluid | i NAAT/PCR/LCR | 40 | 362 | 11.05 | 12.50 100 | | Wangnapi RA et al. Prevalence and risk factors for Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis infection in pregnant women in Papua New Guinea Sex Transm Infect. 2015. 93(3):194-200. |
| 3 ANC any vis | 2011 to it 2015 | 6 rural and peri-urban primary health care clinic in 3 provinces (Asaro, Eastern Highlands, Hides Hela and Hiri, Central) | 18-35 | Rural | Genital Fluid | NAAT/PCR/LC R | 109 | 765 | 14.25 | 17.12 | 100 | Genital Fluid | i NAAT/PCR/LCR | 175 | 765 | 22.88 | 29.19 100 | Cross sectional | Vallely et al., Prevalence and risk factors of chlamydia trachomatis, Neisseria gonorrhoeae, trichomonas vaginalis and other sexually transmissible infections among women attending antenatal clinics in three provinces in Papua New Guinea: a cross-sectional survey. Sexual Health 2016 |
| 4 ANC, 1st vis | it 2014 | Urban antenatal clinic in Alotau, Milne Bay provin | \-19 | Urban | Genital Fluid | NAAT/PCR/LC R | 14 | 125 | 11.20 | 12.05 | 100 | Genital Fluid | i NAAT/PCR/LCR | 25 | 125 | 20.00 | 22.93 100 | Prevalence survey | Badman 2016. A novel point of care testing strategy for sexually transmitted infections among pregnant women in high-burden settings: results of a feasibility study in Papua New Guinea. BMC infectious diseases |
| Women attending cervical can screening | 2011 to cer 2015 | 4 provinces (EHP, WHP, Hela, Central) | 30 to 59 | Rural | Genital Fluid | NAAT/PCR/LC R | 49 | 614 | 7.98 | 9.43 | 100 | Genital Fluid | i NAAT/PCR/LCR | 46 | 614 | 7.49 | 9.30 100 | Cross sectional | Vallely et al.Performance of syndromic management for the detection and treatment of genital Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis among women attending antenatal, well woman and sexual health clinics in Papua New Guinea: a cross-sectional study BMJ Open 2017;7(12):e018630 |
| Female, rur community, cluster sampling | | Eastern Highlands | 15 to 45 | Rural | Genital Fluid | NAAT/PCR/LC R | 68 | 373 | 18.23 | 21.86 | 100 | Genital Fluid | i NAAT/PCR/LCR | 99 | 373 | 26.54 | 33.70 100 | A stratified randor cluster sample of 16 villages, each containing 18 women aged 15-45, in Asaro Valley of population of 19208 in the Eastern Highlands Province | Mgone CS et al. 2002. High prevalence of Neisseria gonorrhoeae and multiple sexually transmitted diseases among rural women in the |
| Women 7 attending Si clinic | ΓΙ 2011 to 2015 | 4 provinces (EHP, WHP, Hela, Central) | >=18 | Rural | Genital Fluid | NAAT/PCR/LC R | 63 | 385 | 16.36 | 19.72 | 0* | Genital Fluid | i NAAT/PCR/LCR | 78 | 385 | 20.26 | 25.80 0* | Cross sectional | Vallely et al.Performance of syndromic management for the detection and treatment of genital Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis among women attending antenatal, well woman and sexual health clinics in Papua New Guinea: a cross-sectional study BMJ Open 2017;7(12):e018630 |

S1B Table. Gonorrhoea and chlamydia prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Papua New Guinea

| | | | | | | | | Gonorrh | 1 ea | | | | | | Chlamyd | ia | | | | |
|------------------|------------------|---|--|-----------|----------------------|--------------------|--------------------|------------------|-------------|--|---------------------------------------|---------------|--------------------|--------------------|---------|------------|--|-----------|----------------|---|
| NO PONITION | Study year(s) | Location | Age (years) | Geography | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Clinical | Diagnostic test | Number positive | | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight fo | Comments | Source |
| 8 Sex workers 20 | 017 | Three cities (Port Moresby Lae, and Mt. Hagen) | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Urban | Genital Fluid | NAAT/PCR/LC R | 386 | 2,092 | 18.45 | 5 20.09 | 0* | Genital Fluid | NAAT/PCR/LCR | 680 | 2,092 | 32.50 | 37.54 | 0* | IBBS using RDS | Kelly-Hanku at al (2018) Kauntim mi tu: Multi-Site Summary Report from the Key Population Integrated Bio- Behavioural Survey, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. |

Footnotes:

Male data:

| 1 MSM/TG | 2016 Port Moresby | >=15 | Urban | Genital Fluid NAAT/PCR/LCR | 14 | 400 | 3.5 | 4.33 | 0 Urine | NAAT/PCR/LCR | 49 | 400 | 12.25 | 13.65 | 0 IBBS using RDS | Kelly-Hanku et al. (2017) Kauntim mi tu – Port Moresby: Key findings from the Key Population Integrated Bio-Behavioural Survey, Port Moresby, Papua New Guinea. Papua New Guinea Institute of Medical Research and Kirby Institute, UNSW Sydney: Goroka, Papua New Guinea. https://www.aidsdatahub.org/kauntim-mi-tu-%E2%80%93-port-moresby-key-findings-key-population-integrated-bio-behavioural-survey-port |
|----------|-------------------|------|-------|----------------------------|----|-----|-----|------|---------|--------------|----|-----|-------|-------|------------------|--|
|----------|-------------------|------|-------|----------------------------|----|-----|-----|------|---------|--------------|----|-----|-------|-------|------------------|--|

These data were not used in estimations (which were for women only), but are included here so as to give a complete overview of STI prevalence data available

^{*}Studies covering multiple years which did not provide the data by single year, were put at the midpoint of the study period

^{*}Used only in sensitivity analysis. For sensitivity analysis, all data POINTS added were assigned a 10% statistical weight.

S1C Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Samoa

| No. | Datatype | Year | Diagnostic test | N positive | N tested | Inrovalonco | Prevalence test-, high risk-adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Comments | Source |
|-----|--|--------|-------------------------------------|---------------|----------|-------------|--|--------------------------------------|---|---|--------------------|---|---|
| 1 | ANC sentinel survey | 2000 | RPR (any titer) & TPHA, or SNTTP | 2 | 441 | 0.45 | 0.50 | 25.0 | | Apia, capital, ANC in national hospital | 1 | | MOH. Sullivan EA et al. Prevalence of sexually transmitted diseases and human immunodeficiency virus among women attending prenatal services in Apia, Samoa. 2004. Int J of STD & AIDS 15(2): 116-119. or Antinatal STI survey; http://apps.who.int/iris/bitstream/handle/10 665/206808/Antenatal_STI_survey_apia_sam oa_eng.pdf?sequence=1&isAllowed=y |
| 2 | ANC sentinel survey | 2004.5 | RPR (any titer) & TPHA, or SNTTP | 0 | 299 | 0.00 | 0.00 | 25.0 | | Apoa capital ('national') hospital, Medcen private clinic and Samoa family health association | | | Second generation surveillance surveys of antenatal women in Samoa 2008, MOH, https://aidsdatahub.org/sites/default/files/publication/Second_Generation_Surveillance_Survey_Samoa_2008.pdf |
| 3 | ANC Routine | 2013 | RPR/VDRL | 0 | 2,458 | 0.00 | 0.00 | 25.6 | 9616 | National data | | outine testing ANC females, national | Routine surveillance MOH and NHS |
| 4 | ANC Routine | 2014 | RPR (any titer) & TPHA, or SNTTP | 4 | 3,027 | 0.13 | 0.15 | 31.5 | 9616 | National data | | Routine testing ANC females, national | Routine surveillance MOH and NHS |
| 5 | ANC Routine | 2015 | RPR (any titer) & TPHA, or SNTTP | 2 | 2,885 | 0.07 | 0.08 | 30.0 | 9616 | National data | | Routine testing ANC females, national | Routine surveillance MOH and NHS |
| 6 | ANC Routine | 2016 | RPR (any titer) & TPHA, or SNTTP | 12 | 4,505 | 0.27 | 0.29 | 46.8 | 9616 | National data | | routine testing ANC females, national GAM report says "An estimated 9,616 women were pregnant at anytime during 2015. 2915 women recieved a full blood panel of STI testing on their first ANC visit in 2015. This means that only 30.3% of the antenatal population shows up for care at national health centers. Therefore, this data is technically not representative of the majority of the ANC population." | Routine surveillance MOH and NHS |
| 7 | ANC Routine | 2017 | RPR (any titer) & TPHA, or SNTTP | 6 | 4,384 | 0.14 | 0.15 | 45.6 | 9616 | National data | | Routine testing ANC females, national | Routine surveillance MOH and NHS |
| 8 | unknown | 2010 | Unknown | 5 | 216 | 2.31 | 1.91 | 0.0 | | | | Routine testing ANC females, national | Un-tracable |
| 9 | Immigant routine screening (Men) | 2011 | RPR/VDRL | 0 | 387 | 0.00 | 0.00 | 0* | | National data | | | Routine National Surveillance Data 2013, MoH and NHS |
| 10 | Immigant routine screening (Women) | 2011 | RPR/VDRL | 1 | 288 | 0.35 | 0.20 | 0* | | National data | | | MoH and NHS patient records |
| 11 | Immigant routine screening (Men & Women) | 2012 | RPR/VDRL | 0 | 605 | 0.00 | 0.00 | 0* | | National data | | Immigration routine testing (both | MoH and NHS patient records |
| 12 | Immigant routine screening (Men & Women) | 2013 | RPR/VDRL | 1 | 703 | 0.14 | 0.08 | 0* | | National data | | foreign and citizen testing for immigration clearance). Vast | Routine National Surveillance Data 2013, MoH and NHS |

S1C Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Samoa

| No. | Datatype | Year | Diagnostic test | N positive | N tested | Inravalanca | Prevalence test-, high risk-adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Comments | Source |
|-----|---|------|----------------------------------|---------------|----------|-------------|--|--------------------------------------|---|---------------|-----------------|---|-----------------------------|
| 13 | Immigant routine screening (Men) | 2014 | RPR (any titer) & TPHA, or SNTTP | 2 | 320 | 0.63 | 0.69 | 0* | | National data | | population, because this screening is not only for the immigrants | MoH and NHS patient records |
| 14 | Immigant routine screening (Women) | 2014 | RPR (any titer) & TPHA, or SNTTP | 2 | 165 | 1.21 | 1.33 | 0* | | National data | | coming to Samoa, but also for seasonal workers who are Samoa | MoH and NHS patient records |
| 15 | Immigant routine screening (Men & Women) | 2015 | RPR (any titer) & TPHA, or SNTTP | 7 | 498 | 1.41 | 1.55 | 0* | | National data | | citizens going abroad. | MoH and NHS patient records |
| 16 | Immigant routine screening (Men & Women) | 2016 | RPR (any titer) & TPHA, or SNTTP | 25 | 1,764 | 1.42 | 1.56 | 0* | | National data | | | MoH and NHS patient records |
| 17 | Immigant routine screening (Men & Women) | 2017 | RPR (any titer) & TPHA, or SNTTP | 18 | 1,698 | 1.06 | 1.17 | 0* | | National data | | | MoH and NHS patient records |
| 18 | Blood donor screening (Men) | 2010 | RPR (any titer) & TPHA, or SNTTP | 0 | 952 | 0.00 | 0.00 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 19 | Blood donor screening (Women) | 2010 | RPR (any titer) & TPHA, or SNTTP | 0 | 83 | 0.00 | 0.00 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 20 | Blood donor screening (Men) | 2011 | RPR (any titer) & TPHA, or SNTTP | 0 | 1,367 | 0.00 | 0.00 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 21 | Blood donor screening (Women) | 2011 | RPR (any titer) & TPHA, or SNTTP | 0 | 113 | 0.00 | 0.00 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 22 | Blood donor screening (Men & Women) | 2012 | RPR (any titer) & TPHA, or SNTTP | 1 | 2,073 | 0.05 | 0.05 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 23 | Blood donor screening (Men) | 2013 | RPR (any titer) & TPHA, or SNTTP | 8 | 1,852 | 0.43 | 0.48 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 24 | Blood donor screening (Women) | 2013 | RPR (any titer) & TPHA, or SNTTP | 7 | 3,702 | 0.19 | 0.21 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 25 | Blood donor screening (Men & Women) | 2017 | RPR (any titer) & TPHA, or SNTTP | 6 | 3,952 | 0.15 | 0.17 | 0* | | National data | | Mandatory testings for blood donors and National Hospital laboratory testings | MoH and NHS patient records |
| 26 | All non-routine programme data except for ANC | 2014 | RPR/VDRL | 10 | 315 | 3.17 | 1.85 | 0.0 | | National data | | All non-routine programme data except for ANC | MoH and NHS patient records |

Male data:

NON

ANC routine screening data were weighted by the year-specific national coverage (%) of screening (i.e. the percentage of ANC-registered women screened for syphilis) *Used only in sensitivity analysis. For sensitivity analysis, all data POINTS added were assigned a 10% statistical weight.

S1D Table. Gonorrhoea prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Samoa

| | | | | | | | Gonorr | hea | | | | | | Chlamydi | a | | | | |
|---|--|------------------|-------------|----------------------|-----------------|--------------------|------------------|------------|---|---------------------------------------|----------------------|--------------|----------------------|------------------|------------|--|---------------------------------------|--|--|
| No Populatio | Study on year(s) | Age າ (years) | Geography | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Clinical specimen | | Number t positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Comments | Source |
| 1 ANC | 1999.5 Apia | 15 to 48 | Urban/Rural | Genital Fluid | NAAT/PCR/LCR | 14 | 427 | 3.28 | 3.52 | 50.0 | Genital Fluid | NAAT/PCR/LCR | 127 | 427 | 29.74 | 36.68 | 50.0 | Genital fluid (tampon swabs) | Sullivan EA et al. 2004. Int J of STD & AIDS 15(2): 116-119. |
| 2 ANC | 2004.5 Apia | 15 to 44 | Urban/Rural | Urine | NAAT/PCR/LCR | 7 | 298 | 2.35 | 2.47 | 50.0 | Urine | NAAT/PCR/LCR | 80 | 299 | 26.76 | 33.65 | 50.0 | 0 | WHO (2006). Second generation surveillance survey of HIV, other STIs and risk behaviours in 6 Pacific Island countries (2004-2005) |
| 3 ANC | Apia 'national' hospital, medcen 2008 private clin and samoa family health association | | Urban/Rural | Urine | NAAT/PCR/LCR | 4 | 321 | 1.25 | 1.14 | 50.0 | Urine | NAAT/PCR/LCR | 88 | 321 | 27.41 | 34.49 | 50.0 | | Second generation surveillance surveys of antenatal women in Samoa 2008 https://aidsdatahub.org/sites/default/files/publication/Second_Generation_Surveillance_Survey_Samoa_2008.pdf |
| 4 ANC | 2011 National | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 99 | 3,867 | 2.56 | 2.72 | 100.0 | Urine | NAAT/PCR/LCR | 604 | 3,867 | 15.62 | 19.54 | | Routine testing ANC females, national | National program data |
| 5 ANC | 2012 National | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 1 | 4 | 25.00 | 0.28 | 0.0 | Urine | NAAT/PCR/LCR | 790 | 2,803 | 28.18 | 35.46 | | Routine testing ANC females, national | National program data |
| 6 ANC | 2013 National | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 0 | 6 | 0.00 | 0.18 | 0.0 | Urine | NAAT/PCR/LCR | 584 | 2,341 | 24.95 | 31.36 | | Routine testing ANC females, national | National program data |
| 7 ANC | 2014 National | 15 to 49 | Urban/Rural | - | - | | - | - | - | | Urine | NAAT/PCR/LCR | 253 | 1,048 | 24.14 | 30.34 | | Routine testing ANC females, national | National program data |
| 8 ANC | 2015 National | 15 to 49 | Urban/Rural | - | - | | - | - | - | | Urine | NAAT/PCR/LCR | 153 | 592 | 25.84 | 32.50 | | Routine testing ANC females, national | National program data |
| 9 ANC | 2017 National | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 27 | 480 | 5.63 | 6.42 | 25.0 | Urine | NAAT/PCR/LCR | 125 | 481 | 25.99 | 32.68 | 85.0 | Excluded in sensitivity analysis for gonorrhoea | National program data |
| Sexually active females wh 10 do not use condoms - cluster sampling | o 2015 National | 18-29 | Urban/Rural | - | - | | - | - | - | | Urine | NAAT/PCR/LCR | 86 | 239 | 35.98 | 45.35 | | Sexually active * females who do not use condoms | 745-751 |

Male data:

NONE

Footnotes:

^{*}Used only in sensitivity analysis. For sensitivity analysis, all data POINTS added were assigned a 10% statistical weight.

S1F Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Federated States of Micronesia

| No. Datatype | Year Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Comments | Source |
|---------------|---------------------------------------|------------|----------|---------------------|--|--------------------------------------|---|---------------------------|--------------------|--|---|
| 1 ANC Routine | 2012 RPR/VDRL | 43 | 2,038 | 2.11 | 1.23 | 79.0 | 2,581 | National data | NA | | FSM STI HIV Annual Report |
| 2 ANC Routine | 2013 RPR/VDRL | 61 | 1,559 | 3.91 | 2.28 | 73.6 | 2,118 | National data | NA | | FSM PCSI Indicator Report and FSM STD Quarterly Reports |
| 3 ANC Routine | 2014 RPR (any titer) & TPHA, or SNTTP | 52 | 1,881 | 2.76 | 3.04 | 97.2 | 1,937 | National data | NA | | 2014 FSM PCSI Indicator and FSM STI HIV Annual Report |
| 4 ANC Routine | 2015 RPR (any titer) & TPHA, or SNTTP | 43 | 1,706 | 2.52 | 2.77 | 88.0 | 1,938 | National data | NA | Data provided here is for the whole FSM | 2015 FSM STI HIV Annual Report |
| 5 ANC Routine | 2015 RPR (any titer) & TPHA, or SNTTP | 32 | 577 | 5.55 | 6.10 | 0 | | Data for Pohnpei State | i NA | Excluded because these data are a subset of those in the preceding row | Pohnpei HIV/STI Data Report |
| 6 ANC Routine | 2016 RPR (any titer) & TPHA, or SNTTP | 28 | 1,883 | 1.49 | 1.64 | 100 | 1,883 | National data | NA | | 2016 FSM STI HIV Annual Report |
| 7 ANC Routine | 2017 RPR (any titer) & TPHA, or SNTTP | 10 | 1,841 | 0.54 | 0.60 | 99.9 | 1,843 | National data | NA | | 2017 FSM STI HIV Annual Report |

Male data:

NONE

Footnotes

ANC routine screening data were weighted by the year-specific national coverage (%) of screening (i.e. the percentage of ANC-registered women screened for syphilis)

S1G Table. Gonorrhoea and chlamydia prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Federated States of Micronesia.

| | | | | | | | | Gon | orrhea | | | | | | Chlan | nydia | | | | |
|--|------------------|----------|-----------------------|----------------|------------------------|-----------------------------|--------------------|------------|------------|--|---------------------------------------|----------------------|--------------------------|--------------------|--------------|------------|--|---------------------------------------|---|---------------------------------------|
| Population | Study year(s) | Location | Age (years) | Geogra hy | Clinica specim n | il e Diagnos tic test | Number positive | | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Clinical specimen | Diagnostic test | Number positive | | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | r Comments | Source |
| 1 ANC | 2014 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 5 | 176 | 2.84 | 3.06 | 66.0 | Urine | NAAT/PCR/ LCR | 8 | 0 607 | 13.18 | 16.45 | 5 40 | 0.0 | FSM HIV-STI Annual R |
| Physical Exam - Employment, 2 Military Recruits, Students (women) | 2014 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 1 | 89 | 1.12 | 2 0.99 | 34.0 | Urine | NAAT/PCR/ LCR | 19 | 9 844 | 23.58 | 3 29.63 | 56 | 5.0 | FSM HIV-STI Annual F |
| 3 Family Planning (women) | 2014 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 1 | 7 | 14.29 | 16.85 | 0.0 | Urine | NAAT/PCR/ LCR | 1 | 1 57 | 19.30 | 24.20 | 2 | excluded for gonorrhoea estimation because of small sample size | FSM HIV-STI Annual |
| 4 ANC | 2015 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 4 | 343 | 1.17 | 7 1.04 | 58.0 | Urine | NAAT/PCR/ LCR | 3 | 2 308 | 10.39 | 12.91 | . 33 | 3.0 | FSM HIV-STI Annual |
| Physical Exam - Employment, 5 Military Recruits, Students (women) | 2015 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 2 | 171 | 1.17 | 7 1.05 | 29.0 | Urine | NAAT/PCR/ LCR | 13 | 7 586 | 23.38 | 3 29.37 | ' 60 | 0.0 | FSM HIV-STI Annual |
| 6 Family Planning (women) | 2015 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 3 | 74 | 4.05 | 5 4.52 | 13.0 | Urine | NAAT/PCR/ LCR | 3 | 1 90 | 34.44 | 43.40 | 7 | 7.0 | FSM HIV-STI Annual |
| 7 ANC | 2016 | National | 15 to 49 | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 3 | 281 | 1.07 | 7 0.92 | 61.0 | Urine | NAAT/PCR/ LCR | 1. | 2 100 | 12.00 | 14.95 | 5 28 | 3.0 | FSM HIV-STI Annual |
| Physical Exam - Employment, 8 Military Recruits, Students (women) | 2016 | National | 15 to 49 | Urban/F ral | Urine | NAAT/P CR/LCR | 2 | 178 | 1.12 | 2 0.99 | 39.0 | Urine | NAAT/PCR/ LCR | 4 | 1 259 | 15.83 | 19.81 | . 72 | 2.0 | FSM HIV-STI Annual |
| 9 Family Planning (women) | 2016 | National | 15 to 49 | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 0 | 45 | 0.00 | 0.02 | 0* | Urine | NAAT/PCR/ LCR | | 7 38 | 18.42 | 23.09 |) | 0* excluded because of small sample siz | e FSM HIV-STI Annual |
| 10 ANC | 2017 | National | 15 to 35+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 6 | 239 | 2.5 | 2.66 | 62.0 | Urine | NAAT/PCR/ LCR | | 6 57 | 10.53 | 13.09 | 14 | 4.0 | FSM HIV-STI Annual |
| Physical Exam - Employment, 11 Military Recruits, Students (women) | 2017 | National | 15 to 35+ | Urban/F ral | Urine | NAAT/P CR/LCR | 2 | 145 | 1.38 | 3 1.30 | 38.0 | Urine | NAAT/PCR/ LCR | 4 | 7 364 | 12.91 | 16.11 | . 86 | 5.0 | FSM HIV-STI Annual |
| 12 Family Planning (women) | 2017 | National | 15 to 49+ | Urban/F ral | Ru Urine | NAAT/P CR/LCR | 5 | 40 | 12.50 |) 14.70 | 0* | Urine | NAAT/PCR/ LCR | 1 | 3 33 | 39.39 | 49.67 | , | 0* excluded because of small sample siz | e FSM HIV-STI Annual |
| a (not used in estimations): | | | | | | | | | | | | | | | | | | | | |
| 13 Physical Exam - Employment, M 14 Physical Exam - Employment, M | i 2015 | National | 15 to 35+ | - Urban/F | Rui Urine | NAAT/PC | 3 | 99 166 | 1.81 | 2.32 | 50.0 | Urine Urine | NAAT/PCR/L | _ 4 | 0 253 | 15.81 | 19.08 | 0 | .0 | FSM HIV-STI Annual |
| 15 Physical Exam - Employment, M 16 Physical Exam - Employment, M | | | 15 to 49 15 to 35+ | | | NAAT/PC | | 222 164 | | | | Urine Urine | NAAT/PCR/L NAAT/PCR/L | | 4 86 2 67 | | 19.68 21.74 | | .0 .0 | FSM HIV-STI Annual FSM HIV-STI Annual |

These data were not used in estimations (which were for women only), but are included here so as to give a complete overview of STI prevalence data available

For sensitivity analysis, all datasets with * were given 10% weight

S1H Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Fiji

| No. Datatype | Year D | | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Comments | Source |
|--------------------------|-----------|------------------------------------|---------------|----------|---------------------|--|-----------------------------|---|--------------------------------------|--------------------|---|---|
| 1 ANC sentinel survey | 71 11 121 | PR (any titer) & TPHA, or SNTTP | 8 | 303 | 2.64 | | 50.0 | | War Memorial Hospital, Suva | 1 | | WHO (2006). Second generation surveillance survey of HIV, other STIs and risk behaviours in 6 Pacific Island countries (2004-2005); Cliffe, SJ, Tabrizi, S, Sullivan, EA. Chlamydia in the Pacific region, the silent epidemic. Sex Transm Dis. 2008; 35(9): 801-6. |
| 2 ANC Routine | 71 II 1X | PR (any titer) & TPHA, or SNTTP | 1,049 | 20,381 | 5.15 | 5.66 | 100.0 | | National | | | Newman-L et al. 2013 Global Estimates of Syphilis in Pregnancy and Associated Adverse Outcomes: Analysis of Multinational Antenatal Surveillance Data. PLOS MEDICINE. https://doi.org/10.1371/journal.pmed.1001396 |
| 3 ANC Routine | 711114 | PR (any titer) & TPHA, or SNTTP | 651 | 23,178 | 2.81 | 3.09 | 10.0 | | National | | There is an issue with the quality of data since the number tested is even higher than estimated number of pregnancies in Fiji (around 21,000 in 2012). Hence only 10% wt is applied | Numerator from 3 divisional hospitals, Ra, Nausori Navua and Korovou Maternity Units, 16 sub-divisional hospitals, and Rotuma hospital. |
| 4 ANC sentinel survey | 7011 | PR (any titer) & TPHA, or SNTTP | 98 | 2,168 | 4.52 | 4.97 | 5.0 | | Naurosi | 1 | | Tuinakelo, 2013. Prevalence of anaemia, syphilis and hepatitis B in pregnant women in Nausori, Fiji. Publich Health Action. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4463080/ |
| 5 ANC Routine | 7017 | PR (any titer) & TPHA, or SNTTP | 128 | 13,977 | 0.92 | 1.01 | 66.7 | 20,970 |) National | | | National programme data |
| 6 ANC Routine | 7015 | PR (any titer) & TPHA, or SNTTP | 165 | 6,550 | 2.52 | 2.77 | 31.7 | 20,651 | . National | | CWMH hospital is the national referral centre and also has women delivering form the Eastern divisions (maritime islands), as well as the central division. CWMH captures on average 33% of all births nationally | The source for the information is the Laboratory Information Systems, 2015 and includes Labasa and CWMH figures. |
| 7 ANC Routine | 7016 | PR (any titer) & TPHA, or SNTTP | 311 | 8,739 | 3.56 | 3.91 | 45.2 | 19,350 |) National | | | The source for the information is the Laboratory Information Systems, 2016 and includes only Lautoka and CWMH figures |
| 8 ANC Routine | | PR (any titer) & TPHA, or SNTTP | 435 | 7,678 | 5.67 | 6.23 | 38.7 | 19,842 | 2 National | | | Laboratory Information Systems, 2017 |

S1H Table. Syphilis prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Fiji

| No. Datatype | Year | Diagnostic test | N positive | N tested | Observed prevalence | Prevalence test-, high risk- adjusted | Weight for spectrum fitting | Number of test-eligible women in ANC | Location | Number of sites | Comments | Source |
|----------------|------|-------------------------------------|---------------|----------|---------------------|--|-----------------------------|---|--------------------------------|--------------------|--|--------------------------------------|
| 9 ANC Routine | 20 | RPR (any titer) & TPHA, or SNTTP | 1,591 | 40,064 | 3.97 | 4.37 | 0.0 | | Labasa, Lautoka and CWMH | | Number tested cannot be verified and much higher than estimated number of pregnancies. Country decided to exclude the data point from analysis. CWMH = the national referral centre, covering women from the Eastern (maritime islands) & central divisions, for a total averaging 33% of all births nationally. | |
| 10 ANC Routine | 20 | RPR (any titer) & TPHA, or SNTTP | 83 | 2,710 | 3.06 | 3.37 | 0.0 | | Labasa and CWMH | | Number tested cannot be verified and country decided to exclude data point from the analysis. CWMH = the national referral centre, covering women from the Eastern (maritime islands) & central divisions, for a total averaging 33% of all births nationally. | Laboratory Information Systems, 2014 |

Male data:

NONE

Footnotes

ANC routine screening data were weighted by the year-specific national coverage (%) of screening (i.e. the percentage of ANC-registered women screened for syphilis)

S1I Table. Gonorrhoea prevalence data used in the Spectrum-STI prevalence trend estimation for 15-49 year-old adult women in Fiji

| | Gonorrhea | | | | | | | Chlamydia | | | | | | | | | | | | |
|---|------------------|--------------------------------|----------------|-------------|----------------------|-----------------|--------------------|------------------|------------|--|---------------------------------------|----------------------|--------------------|--------------------|------------------|------------|--|---------------------------------------|-------------------------|--|
| No Population | Study year(s) | Location | Age (years) | Geography | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Clinical specimen | Diagnostic test | Number positive | Number tested | Prevalence | Prevalence, Test, Geography & High Risk Population Adjusted | Weight for Spectrum fitting (%) | Comments | Source |
| 1 ANC | 2004 | Suva | | Urban | Urine | NAAT/PCR/LCR | 5 | 303 | 1.65 | 1.51 | 100.0 | Urine | NAAT/PCR/LC R | 88 | 303 | 29.04 | 34.01 | 100.0 | | WHO (2006). Second generation surveillance survey of HIV, other STIs and risk behaviours in 6 Pacific Island countries (2004-2005) https://journals.lww.com/stdjournal/Fulltext/2008/09000/Chlamydia_in_the_Pacific_Regio n,_the_Silent.6.aspx |
| 2 ANC | 2014 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 5 | 176 | 2.84 | 3.06 | 10.0 | Urine | NAAT/PCR/LC R | 199 | 844 | 23.58 | 29.63 | 10.0 10% weigh | nt allocated for the da | ata FSM HIV-STI Annual Report |
| Physical Exam - Employment, Military Recruits, Students | 2014 | Micronesia (Fed. States of) | 15 to 35+ | Urban/Rural | Urine | NAAT/PCR/LCR | 1 | 89 | 1.12 | 0.99 | 10.0 | Urine | NAAT/PCR/LC R | 80 | 607 | 13.18 | 16.45 | 10.0 10% weight | nt allocated for the da | ^{ata} FSM HIV-STI Annual Report |
| Family Planning (Women) | 2014 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | | | - | - | - | - | - | Urine | NAAT/PCR/LC R | 11 | 57 | 19.30 | 24.20 | 10.0 10% weigh | nt allocated for the da | ata FSM HIV-STI Annual Report |
| 5 ANC | 2015 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 4 | 343 | 1.17 | 1.04 | 10.0 | Urine | NAAT/PCR/LC R | 137 | 586 | 23.38 | 29.37 | 10.0 10% weigh | nt allocated for the da | ata FSM HIV-STI Annual Report |
| Physical Exam - Employment, Military Recruits, Students | 2015 | Micronesia (Fed. States of) | 15 to 49+ | Urban/Rural | Urine | NAAT/PCR/LCR | 2 | 171 | 1.17 | 1.05 | 10.0 | Urine | NAAT/PCR/LC R | 32 | 308 | 10.39 | 12.91 | 10.0 10% weight | nt allocated for the da | ata FSM HIV-STI Annual Report |
| 7 Family Planning | 2015 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 3 | 74 | 4.05 | 4.52 | 10.0 | Urine | NAAT/PCR/LC R | 31 | 90 | 34.44 | 43.40 | from FSIVI | | ata FSM HIV-STI Annual Report |
| 8 ANC | 2016 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 3 | 281 | 1.07 | 0.92 | 10.0 | Urine | NAAT/PCR/LC R | 41 | 259 | 15.83 | 19.81 | 10.0 10% weigh | nt allocated for the da | ata FSM HIV-STI Annual Report |
| Physical Exam - Employment, Military Recruits, Students | 2016 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 2 | 178 | 1.12 | 0.99 | 10.0 | Urine | NAAT/PCR/LC R | 12 | 100 | 12.00 | 14.95 | 10.0 from FSM | nt allocated for the da | ata FSM HIV-STI Annual Report |
| 10 Family Planning | 2016 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 0 | 45 | 0.00 | 0.02 | 0.0 | Urine | NAAT/PCR/LC R | 7 | 38 | 18.42 | 23.09 | 0.0 Excluded d | lue to small sample s | ize FSM HIV-STI Annual Report |
| 11 ANC | 2017 | Micronesia (Fed. States of) | 15 to 49 | Urban/Rural | Urine | NAAT/PCR/LCR | 6 | 239 | 2.51 | 2.66 | 10.0 | Urine | NAAT/PCR/LC R | 47 | 364 | 12.91 | 16.11 | 10.0 10% weigh | nt allocated for the da | ata FSM HIV-STI Annual Report |
| Physical Exam - Employment, Military Recruits, Students | 2017 | Micronesia (Fed. States of) | 15 to 49+ | Urban/Rural | Urine | NAAT/PCR/LCR | 2 | 145 | 1.38 | 1.30 | 10.0 | Urine | NAAT/PCR/LC R | 6 | 57 | 10.53 | 13.09 | 10.0 from FSM | nt allocated for the da | ata FSM HIV-STI Annual Report |
| 13 Family Planning | 2017 | Micronesia (Fed. States of) | 15 to 49+ | Urban/Rural | Urine | NAAT/PCR/LCR | 5 | 40 | 12.50 | 14.70 | 0.0 | Urine | NAAT/PCR/LC R | 13 | 33 | 39.39 | 49.67 | 0.0 Excluded d | lue to small sample s | ize FSM HIV-STI Annual Report |

Male data: NONE

Footnotes:

We supplemented one data point from Fiji with the 10 data points from FSM, judged most similar to Fiji in terms of STI epidemiology, underlying drivers and STI-related health care. Fiji's one country data point was assigned a weight of 100%, and the FSM data points each 10%