**S3 Table. Serological results using the confirmatory rapid test (DPP Syphilis Screen and Confirm) in 4,432 schoolchildren aged 2 to 15 years living in formerly endemic\* and non-endemic communities for yaws. Results show serological reactivity to *T. pallidum* antigens (any positive) further stratified into presence (active infections) or absence (past infections) of non-treponemal antibodies.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Communities screened | Sample | Sex(Male/female)% | Median age (range) yrs. | Positivity (%)  |
| Any positive for antibodies to *T. pallidum* | Active infections | Past infections |
| N | % [95%CI] | N | % [95%CI] | N | % [95%CI] |
| All areas | 4,432 | 51/49 | 10 (2-15) | 18 | 0.41 [0.26-0.64]  | 6 | 0.14 [0.06-0.30] | 12 | 0.27 [0.15-0.48] |
| Formerly endemic regionAll communitiesRio SantiagoPlaya de OroAngosturaPlaya Tigre/Playa Nueva/Zapote Palma Real/GuayabalChanuzal/Pailon/PicaderoSelva AlegreTimbire/El PorvenirLas AntoniasRocafuerteRio CayapasSan MiguelMafuaZapallo GrandeTelembiRio ZapallitoBoca de ZapallitoRio OnzoleColonSanto Domingo | 947401445373112212127313315787445131103 | 54/4658/4264/3651/4965/3545/5551/4952/4856/4442/5849/5153/4755/4557/4360/4052/4861/39 | 11 (5-15)10 (7-15)10 (5-14)9 (6-15)11 (7-15)11 (7-15)11 (7-15)10 (7-15)9 (7-15)10 (6-13)11 (7-15)9 (7-15)12 (7-15)12 (7-15)10 (7-15)11 (7-15)11 (7-15) | 50011020000000010 | 0.53 [0.22-1.26]002.22 [0.31-14.17]2.70 [0.38-16.85]01.64 [0.41-6.32]000000000.76 [0.11-5.22]0 | 10000010000000000 | 0.11 [0.01-0.75]000000.82 [0.11-5.59]0000000000 | 40011010000000010 | 0.42 [0.16-1.12]002.22 [0.31-14.17]2.70 [0.38-16.85]00.82 [0.11-5.59]000000000.76 [0.11-5.22]0 |
| Contiguous regionsAll communitiesDistrict of Eloy AlfaroRio Cayapas8 communitiesRio Santiago3 communitiesRio Onzole3 communitiesOthers19 communitiesDistrict of San Lorenzo16 communitiesDistrict of Quininde 10 communities | 3,4853043401551,0591,154473 | 50/5054/4653/4748/5251/4947/5349/51 | 10 (2-15)10 (6-15)11 (6-15)10 (6-15)11 (6-15)10 (2-15)8 (8-13) | 13050620 | 0.37 [0.22-0.64]01.47 [0.61-3.48]00.57 [0.25-1.26]0.17 [0.04-0.69]0 | 5010400 | 0.14 [0.06-0.34]00.29 [0.04-2.06]00.38 [0.14-1.00]00 | 8040220 | 0.23 [0.11-0.46]01.18 [0.44-3.09]00.19 [0.05-0.75]0.17 [0.04-0.69]0 |

\*Endemicity defined by presence of active yaws lesions in 1988 survey [2].