Additional file 1: Screening outcome

| Service provider | Clinic 1 |  | Clinic 2 |  | Clinic 3 |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HIV | TB | HIV | TB | HIV | TB | HIV | TB |
| SCREENING - \# screened for TB at the Clinic, total ( n ) | 971 |  | 581 |  | 303 |  | 1855 |  |
| By provider ( n , percentage of number screened for TB with known provider) | $\begin{gathered} 154 \\ (19.8 \%) \end{gathered}$ | $\begin{gathered} 623 \\ (80.2 \%) \end{gathered}$ | $\begin{gathered} 177 \\ (36.2 \%) \end{gathered}$ | $\begin{gathered} 312 \\ (73.8 \%) \end{gathered}$ | $\begin{gathered} 106 \\ (41.1 \%) \end{gathered}$ | $\begin{gathered} 152 \\ (58.9 \%) \end{gathered}$ | $\begin{gathered} 437 \\ (28.7 \%) \end{gathered}$ | $\begin{gathered} 1087 \\ (71.3 \%) \end{gathered}$ |
|  | $\begin{aligned} X^{2} & =149.6373 \\ p & <0.00001 \end{aligned}$ |  |  |  |  |  |  |  |
| Unspecified provider ( n , percentage of total number screened for TB) | $\begin{gathered} 194 \\ (20.0 \%) \\ \hline \end{gathered}$ |  | $\begin{gathered} 92 \\ (15.8 \%) \\ \hline \end{gathered}$ |  | $\begin{gathered} 45 \\ (14.9 \%) \end{gathered}$ |  | $\begin{gathered} 331 \\ (17.8 \%) \end{gathered}$ |  |
| TESTING - \# tested ${ }^{1}$ for TB, total ( n , percentage of number screened for TB) | $\begin{gathered} 862 \\ (85.7 \%) \end{gathered}$ |  | $\begin{gathered} 474 \\ (81.6 \%) \\ X^{2}=15.6735 \\ \boldsymbol{p}=\mathbf{0 . 0 0 0 4} \end{gathered}$ |  | $\begin{gathered} 259 \\ (85.5 \%) \end{gathered}$ |  | $\begin{gathered} 1595 \\ (86.0 \%) \end{gathered}$ |  |
|  |  |  |  |  |  |  |  |  |
| By provider ( n , percentage of number screened for TB by provider) | $\begin{gathered} 127 \\ (82.5 \%) \end{gathered}$ | $\begin{gathered} 544 \\ (87.3 \%) \end{gathered}$ | $\begin{gathered} 139 \\ (78.5 \%) \end{gathered}$ | $\begin{gathered} 251 \\ (80.4 \%) \end{gathered}$ | $\begin{gathered} 88 \\ (83.0 \%) \end{gathered}$ | $\begin{gathered} 129 \\ (84.9 \%) \end{gathered}$ | $\begin{gathered} 354 \\ (81.0 \%) \end{gathered}$ | $\begin{gathered} 924 \\ (85.0 \%) \end{gathered}$ |
|  | $\begin{aligned} X^{2} & =2.4673 \\ p & =0.1162 \end{aligned}$ |  | $\begin{gathered} X^{2}=0.2572 \\ p=0.6120 \end{gathered}$ |  | $\begin{gathered} X^{2}=0.1598 \\ p=0.6893 \end{gathered}$ |  | $\begin{gathered} X^{2}=3.6801 \\ p=0.0551 \end{gathered}$ |  |
| Unspecified provider ( n , percentage of number screened for TB unspecified provider) | $\begin{gathered} 191 \\ (98.5 \%) \end{gathered}$ |  | $\begin{gathered} \hline 84 \\ (91.3 \%) \\ \hline \end{gathered}$ |  | $\begin{gathered} 42 \\ (93.3 \%) \\ \hline \end{gathered}$ |  | $\begin{gathered} 317 \\ (95.8 \%) \end{gathered}$ |  |
| TB CASES - \# TB positive, total (n, percentage of total number tested for TB) | $\begin{gathered} 94 \\ (10.9 \%) \end{gathered}$ |  | $\begin{gathered} 53 \\ (11.2 \%) \\ X^{2}=7.516 \\ \boldsymbol{p}=\mathbf{0 . 0 2 3 3} \end{gathered}$ |  | $\begin{gathered} 14 \\ (5.4 \%) \end{gathered}$ |  | $\begin{gathered} 161 \\ (10.1 \%) \end{gathered}$ |  |
|  |  |  |  |  |  |  |  |  |
| By provider ( n , percentage of number tested for TB by provider) | $\begin{gathered} 29 \\ (22.8 \%) \end{gathered}$ | $\begin{gathered} 61 \\ \text { (11.2\%) } \end{gathered}$ | $\begin{gathered} 21 \\ (15.1 \%) \end{gathered}$ | $\begin{gathered} 30 \\ (12.0 \%) \end{gathered}$ | $\begin{gathered} 7 \\ (8.0 \%) \end{gathered}$ | $\begin{gathered} 5 \\ (3.9 \%) \end{gathered}$ | $\begin{gathered} 57 \\ (16.1 \%) \end{gathered}$ | $\begin{gathered} 96 \\ (10.4 \%) \end{gathered}$ |
|  | $\begin{aligned} X^{2} & =11.9736 \\ p & =0.0005 \end{aligned}$ |  | $\begin{gathered} X^{2}=0.7838 \\ p=0.3760 \end{gathered}$ |  | $\begin{gathered} X^{2}=1.6658 \\ p=0.1968 \\ \hline \end{gathered}$ |  | $\begin{aligned} X^{2} & =7.9241 \\ p & =0.0049 \end{aligned}$ |  |
| Unspecified provider ( n , percentage of number tested for TB unspecified provider) | $\begin{gathered} 4 \\ (2.1 \%) \end{gathered}$ |  | $\begin{gathered} 2 \\ (2.4 \%) \end{gathered}$ |  | $\begin{gathered} 2 \\ (4.8 \%) \end{gathered}$ |  | $\begin{gathered} 8 \\ (2.5 \%) \end{gathered}$ |  |


| Service provider | Clinic 1 | Clinic 2 | Clinic 3 | Total |
| :---: | :---: | :---: | :---: | :---: |
|  | HIV TB | HIV TB | HIV TB | HIV TB |
| REGISTRATION - \# registered for treatment, total (n, percentage of total TB cases) | $\begin{gathered} 73 \\ (77.7 \%) \end{gathered}$ | $\begin{gathered} 37 \\ (69.8 \%) \end{gathered}$ | $\begin{gathered} 11 \\ (78.6 \%) \end{gathered}$ | $\begin{gathered} 121 \\ (75.2 \%) \end{gathered}$ |
|  |  | $\begin{gathered} X^{2}=1.2138 \\ p=0.5450(p= \\ 0.5267)^{*} \end{gathered}$ |  |  |
| By provider ( n , percentage of number tested TB positive by provider) | 24 49 <br> $(82.8 \%)$ $(80.3 \%)$ | 13 24 <br> $(61.9 \%)$ $(80.0 \%)$ | 7 4 <br> $(100 \%)$ $(80.0 \%)$ | 44 77 <br> $(77.2 \%)$ $(80.2 \%)$ |
|  | $\begin{gathered} X^{2}=0.0758 \\ p=0.7830(p=1)^{*} \end{gathered}$ | $\begin{gathered} \mathrm{X}^{2}=2.031 \\ \mathrm{p}=0.1541(\mathrm{p}= \\ 0.2069)^{*} \end{gathered}$ | $p=0.4167^{*}$ | $\begin{gathered} X^{2}=0.1966 \\ p=0.6575(p= \\ 0.6844)^{*} \end{gathered}$ |
| TREATMENT STARTED - \# treatment started, total (n, percentage of total TB cases) | $\begin{gathered} 73 \\ (76.8 \%) \end{gathered}$ | $\begin{gathered} \hline 35 \\ (66.0 \%) \end{gathered}$ | $\begin{gathered} 11 \\ (78.6 \%) \end{gathered}$ | $\begin{gathered} 119 \\ (73.9 \%) \end{gathered}$ |
|  |  | $\begin{gathered} X^{2}=2.5466 \\ p=0.2799(p= \\ 0.3092)^{*} \end{gathered}$ |  |  |
| By provider ( n , percentage of number tested TB positive by provider) | 24 49 <br> $(82.8 \%)$ $(80.3 \%)$ | 12 23 <br> $(57.1 \%)$ $(76.7 \%)$ | 7 4 <br> $(100 \%)$ $(80.0 \%)$ | 43 76 <br> (75.4\%) (79.2\%) |
|  | $\begin{gathered} X^{2}=0.0758 \\ p=0.7830(p= \\ 0.5138)^{*} \end{gathered}$ | $\begin{gathered} X^{2}=2.187 \\ p=0.1392(p= \\ 0.1208)^{*} \end{gathered}$ | $p=0.4167^{*}$ | $\begin{gathered} X^{2}=0.2876 \\ p=0.5918(p= \\ 0.6881)^{\star} \end{gathered}$ |
| Started treatment within 2 weeks | $\begin{array}{cc} 18 & 41 \\ (75.0 \%) & (83.7 \%) \end{array}$ | $\begin{array}{cc} 12 & 22 \\ (100 \%) & (95.7 \%) \end{array}$ | $\begin{array}{cc} 5 & 2 \\ (71.4 \%) & (50.0 \%) \end{array}$ | $\begin{array}{cc} 35 & 65 \\ (81.4 \%) & (85.5 \%) \end{array}$ |
|  | $\begin{gathered} X^{2}=0.7819 \\ p=0.3766(p= \\ 0.5276)^{*} \end{gathered}$ | $p=1$ * | $p=0.5758^{*}$ | $\begin{gathered} X^{2}=0.3493 \\ p=0.5545(p= \\ 0.6068)^{*} \end{gathered}$ |
| DIED - No. died before treatment start (n, percentage of TB cases registered) | $\begin{gathered} 0 \\ (0.0 \%) \end{gathered}$ | $\begin{gathered} 1 \\ (2.7 \%) \end{gathered}$ | $\begin{gathered} 0 \\ (0.0 \%) \end{gathered}$ | $\begin{gathered} 1 \\ (0.8 \%) \end{gathered}$ |
| UNKNOWN - No. unknown TB start (n, percentage of TB cases registered) | $\begin{gathered} 0 \\ (0.0 \%) \end{gathered}$ | $\begin{gathered} 1 \\ (2.7 \%) \end{gathered}$ | $\begin{gathered} 0 \\ (0.0 \%) \end{gathered}$ | $\begin{gathered} 2 \\ (0.8 \%) \end{gathered}$ |

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[^0]:    ${ }^{1}$ any laboratory test; ${ }^{*}$ Fisher's Exact Test (two-tailed)

