

| Indicators Suggesting Community Need for Syringe Exchange Programming (SEP) by Indiana County<br>April 20, 2015 |   |   |  |  |
|---|---|---|--|--|
|   | Primary Indicator   | Supplemental Indicators   |  |  |
|   | Quartile Rank for 3-year Median Case Rate of Acute and Chronic Hepatitis C (2011-2013; 1 low, 4 high) | Substance Abuse Treatment Episodes with Heroin Use at Treatment Admission, 2012 (#, % county total)** | Substance Abuse Treatment Episodes with Heroin Dependence at Treatment Admission, 2012 (#, % county total)** | Average Age-Adjusted Prescription Drug Overdose Mortality Rate and Classification by County (2002-2013)*** |
| Adams   | 1   | 6(4.0%)   | <5(NA)   | 7.43 (Low)   |
| Allen*  | 2   | 104(6.1%)   | 66(3.8%)   | 9.07 (Low)   |
| Bartholomew   | 2   | 44(6.5%)  | 22(3.3%)   | 13.48 (Mid)  |
| Benton  | 1   | <5(N/A)   | <5(N/A)  | Unstable   |
| Blackford   | 4   | 8(13.8%)  | 7(12.1%)   | 17.92 (High)   |
| Boone   | 2   | 46(20.3%)   | 35(15.4%)  | 9.68 (Low)   |
| Brown   | 4   | 18(19.8%)   | 13(14.3%)  | 13.58 (Mid)  |
| Carroll   | 1   | 13(12.7%)   | 7(6.9%)  | 9.62 (Low)   |
| Cass*   | 2   | 14(5.1%)  | 8(2.9%)  | Unstable   |
| Clark*  | 4   | 69(14.5%)   | 60(12.6%)  | 16.05 (High)   |
| Clay  | 2   | <5(N/A)   | <5(N/A)  | 12.99 (Mid)  |
| Clinton   | 3   | 18(9.0%)  | 16(8.0%)   | 11.72 (Mid)  |
| Crawford  | 2   | <5(N/A)   | <5(N/A)  | Unstable   |
| Daviess   | 2   | <5(N/A)   | <5(N/A)  | 11.99 (Mid)  |
| Dearborn  | 4   | 135(26.6%)  | 102(20.1%)   | 14.89 (High)   |
| Decatur   | 2   | 9(5.1%)   | 5(2.8%)  | 13.5 (Mid)   |
| DeKalb  | 1   | 14(5.8%)  | 7(2.9%)  | 10.89 (Low)  |
| Delaware  | 4   | 122(11.8%)  | 88(8.5%)   | 15.95 (High)   |
| Dubois  | 1   | 5(1.8%)   | <5(N/A)  | 5.08 (Low)   |
| Elkhart   | 1   | 41(5.7%)  | 35(4.8%)   | 7.56 (Low)   |
| Fayette   | 4   | 59(27.3%)   | 31(14.4%)  | 18.5 (High)  |
| Floyd   | 3   | 36(15.5%)   | 32(13.8%)  | 13.49 (Mid)  |
| Fountain  | 2   | 10(17.5%)   | 8(14.0%)   | Unstable   |
| Franklin  | 3   | 45(24.9%)   | 29(16.0%)  | 16.25 (High)   |
| Fulton  | 2   | 5(2.3%)   | <5(N/A)  | Unstable   |
| Gibson  | 2   | <5(N/A)   | <5(N/A)  | 9.36 (Low)   |
| Grant   | 3   | 18(3.6%)  | 15(3.0%)   | 19.4 (High)  |
| Greene  | 3   | 15(7.5%)  | 8(4.0%)  | 16.65 (High)   |
| Hamilton  | 1   | 112(11.3%)  | 95(9.6%)   | 6.03 (Low)   |
| Hancock   | 2   | 27(13.0%)   | 24(11.6%)  | 11.01 (Low)  |
| Harrison  | 2   | <5(N/A)   | <5(N/A)  | 8.16 (Low)   |
| Hendricks*  | 4   | 72(19.7%)   | 65(17.8%)  | 8.87 (Low)   |
| Henry*  | 4   | 24(6.7%)  | 17(4.7%)   | 28.38 (High)   |
| Howard  | 3   | 146(21.4%)  | 110(16.1%)   | 23.4 (High)  |
| Huntington  | 1   | 6(6.2%)   | <5(N/A)  | 11.97 (Mid)  |
| Jackson   | 4   | 33(10.2%)   | 10(3.1%)   | 11.98 (Mid)  |
| Jasper  | 2   | 40(36.0%)   | 31(27.9%)  | 11.6 (Mid)   |
| Jay   | 4   | 16(16.3%)   | 13(13.3%)  | 12.56 (Mid)  |
| Jefferson*  | 3   | 42(11.1%)   | 19(5.0%)   | 11.63 (Mid)  |
| Jennings  | 4   | 20(6.9%)  | 11(3.8%)   | 16.21 (High)   |
| Johnson*  | 1   | 50(20.9%)   | 44(18.4%)  | 11.84 (Mid)  |
| Knox  | 2   | <5(N/A)   | <5(N/A)  | 11.31 (Low)  |

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|  | <b>Primary Indicator</b>   | <b>Supplemental Indicators</b>   |   |   |
|  | <b>Quartile Rank for 3-year Median Case Rate of Acute and Chronic Hepatitis C (2011-2013; 1 low, 4 high)</b> | <b>Substance Abuse Treatment Episodes with Heroin Use at Treatment Admission, 2012 (#, % county total)**</b> | <b>Substance Abuse Treatment Episodes with Heroin Dependence at Treatment Admission, 2012 (#, % county total)**</b> | <b>Average Age-Adjusted Prescription Drug Overdose Mortality Rate and Classification by County (2002-2013)***</b> |
| Kosciusko  | 1  | 18(6.7%)   | 12(4.4%)  | 9.14 (Low)  |
| LaPorte*   | 4  | 153(27.5%)   | 123(22.1%)  | 11.66 (Mid)   |
| LaGrange   | 1  | 5(3.0%)  | <5(N/A)   | Unstable  |
| Lake   | 3  | 395(14.8%)   | 340(12.7%)  | 5.14 (Low)  |
| Lawrence   | 3  | 29(6.1%)   | 21(4.4%)  | 13.83 (Mid)   |
| Madison*   | 4  | 60(5.6%)   | 47(4.4%)  | 24.87 (High)  |
| Marion*  | 3  | 861(19.7%)   | 713(16.3%)  | 14.35 (Mid)   |
| Marshall   | 1  | 23(9.0%)   | 17(6.7%)  | 8.19 (Low)  |
| Martin   | 4  | <5(N/A)  | <5(N/A)   | Unstable  |
| Miami*   | 4  | 18(5.9%)   | 12(3.9%)  | 9.07 (Low)  |
| Monroe   | 3  | 214(15.7%)   | 121(8.9%)   | 16.0 (High)   |
| Montgomery   | 3  | 57(18.0%)  | 36(11.4%)   | 20.32 (High)  |
| Morgan   | 3  | 80(16.8%)  | 55(11.5%)   | 16.0 (High)   |
| Newton   | 1  | 13(34.2%)  | 12(31.6%)   | Unstable  |
| Noble*   | 1  | <5(N/A)  | <5(N/A)   | 9.82 (Low)  |
| Ohio   | 1  | 7(15.9%)   | 5(11.4%)  | Unstable  |
| Orange   | 2  | 5(3.6%)  | <5(N/A)   | Unstable  |
| Owen   | 2  | 11(5.4%)   | 6(3%)   | 10.89 (Low)   |
| Parke*   | 4  | 6(6.2%)  | <5(N/A)   | Unstable  |
| Perry*   | 3  | <5(N/A)  | <5(N/A)   | 9.99 (Low)  |
| Pike   | 2  | <5(N/A)  | <5(N/A)   | Unstable  |
| Porter   | 1  | 196(27.6%)   | 181(25.5%)  | 11.98 (Mid)   |
| Posey  | 1  | <5(N/A)  | <5(N/A)   | 11.55 (Mid)   |
| Pulaski  | 2  | 6(5.0%)  | <5(N/A)   | 14.43 (Mid/High)  |
| Putnam*  | 4  | 11(4.8%)   | 7(3.1%)   | 7.42 (Low)  |
| Randolph   | 4  | 33(17.2%)  | 14(7.3%)  | 8.92 (Low)  |
| Ripley   | 3  | 44(17.7%)  | 32(12.9%)   | 12.79 (Mid)   |
| Rush   | 3  | 11(6.9%)   | 9(5.6%)   | 9.73 (Low)  |
| St. Joseph*  | 1  | 201(13%)   | 175(11.3%)  | 9.68 (Low)  |
| Scott  | 4  | 10(7.7%)   | 7(5.4%)   | 33.48 (High)  |
| Shelby   | 3  | 24(15.3%)  | 15(9.6%)  | 13.45 (Mid)   |
| Spencer  | 2  | <5(N/A)  | <5(N/A)   | Unstable  |
| Starke   | 3  | 53(21.5%)  | 44(17.8%)   | 33.56 (High)  |
| Steuben  | 1  | <5(N/A)  | <5(N/A)   | 5.71 (Low)  |
| Sullivan   | 2  | <5(N/A)  | <5(N/A)   | 20.27 (High)  |
| Switzerland  | 3  | 11(16.4%)  | 6(9.0%)   | 17.15 (High)  |
| Tippecanoe   | 2  | 67(14.8%)  | 54(11.9%)   | 11.2 (Low)  |
| Tipton   | 3  | 9(13.8%)   | 7(10.8%)  | 16.96 (High)  |
| Union  | 4  | 16(40%)  | 13(32.5%)   | Unstable  |
| Vanderburgh  | 4  | 21(1.5%)   | 12(0.9%)  | 19.35 (High)  |
| Vermillion   | 2  | <5(N/A)  | <5(N/A)   | 11.4 (Low)  |
| Vigo   | 4  | 9(1.2%)  | 5(0.7%)   | 14.99 (High)  |

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| <b>Wabash*</b>  | 3  | 28(11.5%)  | 15(6.1%)  | 19.93 (High)  |
| <b>Warren</b>   | 1  | <5(N/A)  | <5(N/A)   | Unstable  |
| <b>Warrick</b>  | 3  | <5(N/A)  | <5(N/A)   | 7.0 (Low)   |
| <b>Washington</b>   | 3  | 18(18.9%)  | 17(17.9%)   | 15.66 (High)  |
| <b>Wayne</b>  | 4  | 157(34.5%)   | 101(22.2%)  | 15.76 (High)  |
| <b>Wells</b>  | 1  | 7(5.5%)  | <5(N/A)   | 9.01 (Low)  |
| <b>White</b>  | 1  | 7(4.3%)  | 5(3.1%)   | 9.47 (Low)  |
| <b>Whitley</b>  | 1  | 6(5.8%)  | <5(N/A)   | 8.25 (Low)  |
| <p>*Based on publicly available reported cases of acute and chronic Hepatitis C by county. Source: Indiana State Department of Health. Asterisk indicates counties with state prisons reporting Hepatitis C testing.</p>  |  |  |   |   |
| <p>**Treatment Episode Data Set (TEDS), 2014. Source: Indiana Family and Social Services Administration. Measures substance abuse treatment admissions for people at or below 200% FPL who are eligible for state-funded substance abuse treatment. This is a conservative measure, because 1) it does not measure all people accessing substance abuse treatment services, and 2) it only measures people who have access to substance abuse treatment. Published in State Epidemiologic Profile, 2014 (see***).</p>   |  |  |   |   |
| <p>***Indiana State Epidemiologic Outcomes Working Group. <i>The Consumptions and Consequences of Alcohol, Tobacco and Drugs in Indiana: A State Epidemiologic Profile, 2014</i>. Center for Health Policy, Indiana University.</p>   |  |  |   |   |
| <p>Counties highlighted in yellow are those with indicators supporting SEP consideration. Counties with lower HCV rates and lower heroin dependence and use indicators should still investigate their prescription drug mortality rates to understand whether deaths were due to injection of prescription drugs. Prescription drug overdose mortality rate was included as a supplemental indicator for syringe exchange because of the 2015 Scott County HIV outbreak among Opana injecting drug users; and based on national trends of HCV among young, heroin injecting drug users who first used oral prescription opioid drugs. It is relevant only for communities who know that users are injecting prescription drugs. See Kleven RM, Hu DJ, Jils R et al. Clin Infect Dis 2012;55(S1):S3-9. These indicators are available by county from the Rural Center for AIDS/STD Prevention at Indiana University.</p> |  |  |   |   |