

## Appendix E: Details of data included in the estimates of the prevalence of injecting drug use and HIV among IDUs

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# Eastern Europe

## Armenia

### Prevalence of injecting drug use

<b>Year</b>	2000		
<b>Method</b>	Govt estimate – method not detailed		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	2000 IDU, with 50% of these in the capital city Yerevan		
<b>Reference</b>	(Markosyan, Kocharyan et al. 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

#### Calculation

Prevalence (15-64 years) in 2000 = 2,000/1,975,000 = 0.1013%

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2005		
<b>Method</b>	not detailed		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	6.8%		
<b>Reference</b>	(Markosyan, Kocharyan et al. 2006) (Republic of Armenia 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

#### High:

<b>Year</b>	2002		
<b>Method</b>	Second Generation HIV surveillance		
<b>Sample type</b>	not detailed		
<b>Seroprev/self rpt</b>	not detailed		
<b>N=</b>	not detailed		
<b>Area</b>	National		
<b>Estimate</b>	approx 15% (range 11-20%)[use 20% as the high]		
<b>Reference</b>	(Republic of Armenia 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Azerbaijan

### Prevalence of injecting drug use

Mid:

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	<p>From 2004 rapid assessment – survey of IDU: 4.8 of IDU surveyed were officially registered</p> <p>17 714 officially registered drug users estimated 87% (15 411)of these are IDU</p> <p>- <b>If</b> there are 15 411 registered IDU  <b>and if</b> 4.8% of IDU are registered – assuming rates of registration are the same in 2004 and 2006 use multiplier of 20 to determine total number of IDU both registered and unregistered  = 300 000 IDU</p>		
<b>Reference</b>	<p>(AIDS Projects Management Group 2007)</p> <p>This reference cites: Abdullayev A., Nasibov R. 2004. Rapid Assessment of the situation on the spread of intravenous drug use and HIV/AIDS. Final report. Baku, Azerbaijan.  (Nasibov 2005)</p>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

Low-High:

<b>Year</b>	2004		
<b>Method</b>	Sentinel Surveillance – multiple sites/different samples		
<b>Sample type</b>	Street sample (snowball method) and treatment sample		
<b>Seroprev/self rpt</b>	sero-sampling		
<b>N=</b>	Baku: 100 treatment sample; 100 street sample Lenkoran: 200 street sample		
<b>Area</b>	2 cities Baku and Lenkoran		
<b>Estimate</b>	<p>Baku treatment sample – 2% [<b>use as low</b>]</p> <p>Baku street sample – 24% [<b>use as high</b>]</p> <p>Lenkoran street sample – 19.5% [<b>within range</b>]</p>		
<b>Reference</b>	(World Health Organization. Regional Office for Europe 2004)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A



## **Belarus**

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>	Registered drug users		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	9 872 registered drug users 63.9% are IDU = 6 308		
<b>Reference</b>	(AIDS Projects Management Group 2006)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>	Government: Belarus Ministry of Health		
<b>Sample type</b>	Government testing		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	3 477		
<b>Area</b>	assume national		
<b>Estimate</b>	1.5%		
<b>Reference</b>	(AIDS Projects Management Group 2006)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## ***Bosnia and Herzegovina***

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>	Not given		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	IDU reported to occur – extent not known (Low: 6 000 and High: 10 000 provided but no method given and)		
<b>Reference</b>	(The Country Coordinating Mechanism for the Global Fund in Bosnia-Herzegovina 2005)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D2

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2003		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	HIV has been reported among IDU		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2003)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

<b>Year</b>	2005		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	HIV prevalence in specific vulnerable groups (IDUs, CSWs, and MSM) <5%		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2003)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

## **Bulgaria**

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>	Indirect prevalence estimate: Multiplier Method Using Treatment Data and a study using the Capture-recapture method, also experts estimations are used and long term observations		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Problem drug users: L: 20 000 H: 30 000 Capital city Sofia: 11 993  IDU: Capital city Sofia: 9686		
<b>Reference</b>	(National Focal Point for Drugs and Drug Addictions 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### **Calculation:**

**Assume** proportion of IDU/DU is the same nationally as in Sofia =  $9\ 686 / 11\ 993 = 0.81$

→ National IDU Low =  $0.81 \times 20\ 000 = 16\ 200$

→ National IDU High =  $0.81 \times 30\ 000 = 24\ 300$

Prevalence (15-64) 2005      Low =  $16,200/5,346,000 = 0.3030\%$   
High =  $24,300/5,346,000 = 0.4545\%$

## Prevalence of HIV amongst people who inject drugs

### Low:

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	Prison only – 6 sites		
<b>Seroprev/self rpt</b>	sero sample		
<b>N=</b>	2006: 613		
<b>Area</b>	National (prison only)		
<b>Estimate</b>	2006: 0.0		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

### High:

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance - multisite		
<b>Sample type</b>	Drug treatment centres, out patient, drug detox, NSP, HIV testing centre, low threshold service,		
<b>Seroprev/self rpt</b>	sero sample		
<b>N=</b>	2006: 487		
<b>Area</b>	Capital city only		
<b>Estimate</b>	2006: 0.8		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## **Croatia**

### **Prevalence of injecting drug use**

<b>Year</b>	2001		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	215/100 000 in total population		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D2

#### **Calculation**

If total population in 2001 = 4 599 000 → 9888 IDU in total in 2001

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	323		
<b>Area</b>	National (multicity including: Zagreb, Rikeka, Split, Zadar, Slavonski Brod, Osijek & Dubrovnik)		
<b>Estimate</b>	0.6		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Czech Republic

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Data sources: Low-threshold facilities. HCV national study – in treatment rate (portion of above mentioned persons in contact with low-threshold facilities, nomination technique used)		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	age range 15-64 29,000 Interval from sensitivity analysis (SI): 25,494-33,823		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2008)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2006		
<b>Method</b>	sentinel surveillance		
<b>Sample type</b>	NSP and low threshold service		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	728		
<b>Area</b>	National		
<b>Estimate</b>	0.0		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### High:

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	STI clinics other hospitals of clinics prisons HIV testing centres		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	994		
<b>Area</b>	National		
<b>Estimate</b>	0.1%		
<b>Reference</b>	As cited in (European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## Estonia

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>	Estonian Police Database. Health Insurance Fund. State HIV Reference Laboratory. Capture-recapture.		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	total number of users: median 13801 (95% CI: 8178-34732) prevalence 15-64years old: 1.51% 95% CI: 0.89-3.79% The original age range of study was 15-44, rates have been adjusted to 15-64.		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2005		
<b>Method</b>	surveillance – single site		
<b>Sample type</b>	drug treatment		
<b>Seroprev/self rpt</b>	sero – dried blood spot		
<b>N=</b>	350		
<b>Area</b>	Tallin		
<b>Estimate</b>	54.3%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

#### High:

<b>Year</b>	2005		
<b>Method</b>	surveillance		
<b>Sample type</b>	drug treatment		
<b>Seroprev/self rpt</b>	sero – dried blood spot		
<b>N=</b>	99		
<b>Area</b>	Kohtla-Jarve		
<b>Estimate</b>	89.9%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Georgia

### Prevalence of injecting drug use

Low:

<b>Year</b>	2004		
<b>Method</b>	Registration of drug users by Ministry of Health – Narcologic Register		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	14,400 IDU		
<b>Reference</b>	(Akhobadze 2008) Personal communication		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

**Calculation:**

Prevalence (15-64years) in 2004 =  $14,400/3,004,000 = 0.4793\%$

High:

<b>Year</b>	2002		
<b>Method</b>	representative community sample – outpatient clinics		
<b>N=</b>	2000		
<b>Area</b>	T'bilisi		
<b>Estimate</b>	8.1% lifetime injecting (n=162) 7.9% current injecting [definition not given] (n=158)		
<b>Reference</b>	(Stvilia, Tsertsvadze et al. 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2004		
<b>Method</b>	Sentinel surveillance – number of sites and sample types not given		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	1.4% among IDU		
<b>Reference</b>	(Akhobadze 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2001-2002		
<b>Method</b>	representative community sample – outpatient clinics		
<b>Sample type</b>	general outpatient clinic		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	number of IDU among sample 162		
<b>Area</b>	T'bilisi		
<b>Estimate</b>	$3/162 = 1.85\%$		
<b>Reference</b>	(Stvilia, Tsertsvadze et al. 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



## Hungary

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	IDUs. Treatment and police data. Capture-recapture.		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	Median: 3941 Low: 2069 High: 5813		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	Diagnostic testing, 4 sites		
<b>Sample type</b>	Public Health Laboratories, IDU status not known, prevalence in IDU likely to be underestimated		
<b>Seroprev/self rpt</b>	sero		
<b>N=</b>	69		
<b>Area</b>	National		
<b>Estimate</b>	0.0		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

<b>Year</b>	2006		
<b>Method</b>	Specific prevalence study, 10 sites		
<b>Sample type</b>	NSP, drug treatment centre		
<b>Seroprev/self rpt</b>	Seroprevalence – dried blood spots		
<b>N=</b>	69		
<b>Area</b>	National		
<b>Estimate</b>	0.0		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## Latvia

### Prevalence of injecting drug use

Year	2002		
Method	Mortality Multiplier		
N=			
Area	National		
Estimate	<i>Estimates on problematic drug use available only</i> IDU reported to occur but extent not known		
Reference	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
1° or 2° source	secondary		
Peer reviewed	non peer reviewed	Grade	

### Prevalence of HIV amongst people who inject drugs

#### Low:

Year	2003		
Method	diagnostic testing 2 sites		
Sample type	other hospital or clinics arrest data		
Seroprev/self rpt	serum		
N=	93		
Area	National		
Estimate	9.7%		
Reference	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	A

#### High:

Year	2003		
Method	diagnostic testing		
Sample type	Drug treatment centre other hospital or clinic		
Seroprev/self rpt	-		
N=	987		
Area	National		
Estimate	6.6%		
Reference	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	A

## **Lithuania**

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>	Registration – drug addicted cases		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	5,123 IDU		
<b>Reference</b>	(Drug Control Department 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

#### **Calculation**

2006 Prevalence (15-64%) of registered IDU =  $5,123/2,327,000 = 0.2201\%$

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2003		
<b>Method</b>	Diagnostic testing		
<b>Sample type</b>	Drug treatment centre, NSP, other hospital or clinic		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	1112		
<b>Area</b>	National		
<b>Estimate</b>	2.4%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## Moldova

### Prevalence of injecting drug use

<b>Year</b>	2001		
<b>Method</b>	Registered drug users		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	0.092% in the general population		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

#### Calculation

0.092% in total population of 4,142,000 = 3,810 IDU in 2001

Prevalence among 15-64 year olds in 2001 =  $3810/2,715,000 = 0.14\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2001		
<b>Method</b>	surveillance study		
<b>Sample type</b>	drug treatment		
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	17%		
<b>Reference</b>	<i>UNAIDS/UNDP Moldova Project. HIV/AIDS/STIs: situational analysis in Moldova. Chisinau: UNAIDS, 2001</i> As cited in (Kelly and Amirkhanian 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

## Poland

### Prevalence of injecting drug use

Year	2002		
Method			
N=			
Area	National		
Estimate	<b>NB: Estimate of problematic drug users only</b> median: 0.19% (52 000) low: 0.12% (33 000) high: 0.27% (71 000) Injecting drug use known to occur but extent unknown		
Reference	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	-

### Prevalence of HIV amongst people who inject drugs

Year	2006		
Method	Diagnostic testing		
Sample type	Public Health Laboratories HIV Testing Centres		
Seroprev/self rpt	serum		
N=	910		
Area	National		
Estimate	8.9%		
Reference	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	A

## Romania

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>	population survey		
<b>N=</b>			
<b>Area</b>	Bucharest		
<b>Estimate</b>	Injecting drug use reported to occur but extent not known		
<b>Reference</b>	(Iliuta, Bocioc et al. 2007)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

<b>Year</b>	2001		
<b>Method</b>	Rapid assessment data from NGOs, treatment centres, police double counting possible		
<b>N=</b>			
<b>Area</b>	Bucharest, Constanta, Iasi, Timisoara		
<b>Estimate</b>	<b>IDU reported</b> but extent nationally not known (25,000-40,000 in Bucharest only)		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction & Reitox National Focal Point 2002)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	diagnostic testing; 2 sites		
<b>Sample type</b>	drug treatment centres including: out/inpatient, maintenance, drug free/detox centres		
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	136		
<b>Area</b>	Bucharest		
<b>Estimate</b>	1.44%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Russian Federation

### Prevalence of injecting drug use

<b>Year</b>	2007		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	2.5 million DU and 73% are IDU = 1,825,000 IDU		
<b>Reference</b>	(AIDS Projects Management Group 2007) This reference cites: Ministry of Public Health and the National Research Centre on Addictions		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2003-2005		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	multicity		
<b>Estimate</b>	Moscow	12.41%	2003
	Pskov	0.3%	2003 <b>USE AS LOW</b>
	Velikiy Novgorod	14.9%	2004
	Cherepovets	11.5%	2004
	Biysk	74%	2005 <b>USE AS HIGH</b>
	Barnaul	3.5%	2005
	St. Petersburg	32%	2005
<b>Reference</b>	(Borschevskaya and Tumano 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## *Slovakia*

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Unpublished data		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Low: 13,732 Mid: 18,841 High: 34,343		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	specific prevalence study		
<b>Sample type</b>	Drug treatment centre		
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	79		
<b>Area</b>	Bratislava and surroundings		
<b>Estimate</b>	0.0%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007) Negligible prevalence of HIV among IDU also confirmed in (Holt 2004) and (Kiššová 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



## *Ukraine*

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>	Multiple indirect estimation methods: Multiplier methods and respondent driven sampling		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	Low: 325,000 High: 425,000		
<b>Reference</b>	(Balakiryeva, Gusak et al. 2006)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	41.8%		
<b>Reference</b>	(Ministry of Health of Ukraine 2008)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

# Central Asia

## Kazakhstan

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	indirect prevalence estimate Multipliers at province level: percentage of interviewed IDU registered with Narcological Services; provincial estimates added together to produce total country estimate		
<b>N=</b>	200 people per province [assumed all 14 provinces were included]		
<b>Area</b>	National		
<b>Estimate</b>	<b>100 000 injecting drug users.</b>		
<b>Reference</b>	(AIDS Projects Management Group 2007; Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation

Prevalence (15-64y) in 2006 = 100,000/10,439,000 = 0.96%

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Shimkent		
<b>Estimate</b>	HIV prevalence among IDU 8%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Pavlodar [uncertain if province or city referred to]		
<b>Estimate</b>	HIV prevalence among IDU 10.4%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Kyrgyzstan

### Prevalence of injecting drug use

MID:

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate Multipliers at province level: percentage of interviewed IDU registered with Narcological Services; Provincial estimates added together to produce total country estimate		
<b>N=</b>	200 people per province [assumed all 7 provinces were included];		
<b>Area</b>	National		
<b>Estimate</b>	25 000 injecting drug users		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation

Prevalence (15-64y) in 2006 = 25,000/33,573,000 = 0.74%

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Bishkek [uncertain if province or city referred to]		
<b>Estimate</b>	HIV prevalence among IDU 2.4%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Osh City		
<b>Estimate</b>	HIV prevalence among IDU 13.6%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Tajikistan

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate Multipliers at province level: percentage of interviewed IDU registered with Narcological Services; Provincial estimates added together to produce total country estimate		
<b>N=</b>	200 people per province [assumed all 7 provinces were included];		
<b>Area</b>	National		
<b>Estimate</b>	17 000 injecting drug users		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation

Prevalence (15-64y) in 2006 = 17,000/3,814,000 = 0.45%

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Khujant City		
<b>Estimate</b>	HIV prevalence among IDU 11.5%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

#### High:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Dushanbe City		
<b>Estimate</b>	HIV prevalence among IDU 17.9%		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Turkmenistan

### Prevalence of injecting drug use

<b>Year</b>	2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(AIDS Projects Management Group 2007) This reference cites: <i>Report No. 32495-KZ Republic of Turkmenistan- Evaluation of National Tuberculosis and HIV/AIDS Programs, World Bank Human Development Sector Unit Central Asia Country Unit Europe and Central Asia Region, June 2005, Accessed 19 July 2007</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(AIDS Projects Management Group 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## Uzbekistan

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate Multipliers at province level: percentage of interviewed IDU registered with Narcological Services; Provincial estimates added together to produce total country estimate		
<b>N=</b>	200 people per province [assumed all 7 provinces were included];		
<b>Area</b>	National		
<b>Estimate</b>	80 000 injecting drug users		
<b>Reference</b>	(AIDS Projects Management Group 2007; Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation

Prevalence (15-64y) in 2006 = 80,000/16,977,000 = 0.47%

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	Samarkand City		
<b>Estimate</b>	HIV prevalence among IDU 11.7% in		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

#### High:

<b>Year</b>	2005		
<b>Method</b>	CDC Sentinel Surveillance for 2005		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	Tashkent City		
<b>Estimate</b>	HIV prevalence among IDU 19.5% in		
<b>Reference</b>	(Niaz 2007; Niaz 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## **East and South East Asia**



## ***Brunei Darussalam***

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Cambodia

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>	Expert consensus estimate; Delphi technique		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	1,750 IDU (90% CI:1,000-7,000)		
<b>Reference</b>	(National Authority for Combating Drugs 2007) This reference cites: <i>2005 Family Health International (2004). "Consensus Estimates of the Number of Problem Drug Users in Cambodia, 2004."</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2006		
<b>Method</b>	surveillance – two treatment sites		
<b>Sample type</b>	treatment/harm reduction centre		
<b>Seroprev/self rpt</b>			
<b>N=</b>	63		
<b>Area</b>	-		
<b>Estimate</b>	14.3%		
<b>Reference</b>	(National Authority for Combating Drugs 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2004		
<b>Method</b>	surveillance – two treatment sites		
<b>Sample type</b>	treatment/harm reduction centre		
<b>Seroprev/self rpt</b>			
<b>N=</b>	32		
<b>Area</b>			
<b>Estimate</b>	31.3%		
<b>Reference</b>	(National Authority for Combating Drugs 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

- ◆ Even though these estimates were for three different years because each of these sample sizes were small it was decided to use these as a range rather than take the most recent estimate.

Within range:

<b>Year</b>	2005		
<b>Method</b>	surveillance – two treatment sites		
<b>Sample type</b>	treatment/harm reduction centre		
<b>Seroprev/self rpt</b>			
<b>N=</b>	31		
<b>Area</b>			
<b>Estimate</b>	16.1%		
<b>Reference</b>	(National Authority for Combating Drugs 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## China

### Prevalence of injecting drug use

Year	2005		
Method	Indirect prevalence estimate		
N=			
Area			
Estimate	Low: 1.8 Million High: 2.9 Million		
Reference	(Lu, Wang et al. 2006)		
1° or 2° source			
Peer reviewed	Yes	Grade	A

#### Calculation

Prevalence (15-64 years) in 2005 = low: 1,800,000/928,743,000 = 0.1938%  
= high 2,900,000/928,743,000 = 0.3122%

### Prevalence of HIV amongst people who inject drugs

Year	2005		
Method	UNAIDS Workbook method		
Sample type			
Seroprev/self rpt			
N=			
Area	National		
Estimate	Low: 230,800 High: 344,900		
Reference	(Lu, Wang et al. 2006)		
1° or 2° source	primary		
Peer reviewed	Yes	Grade	A

#### Calculation:

Low= (low number of IDU living with HIV) / (high number of IDU ) = 7.96%

High= (high number of IDU living with HIV) / (low number of IDU) = 19.16%

Mid= (mid number of IDU living with HIV) / ((High number of IDU + low number of IDU)/2) = 12.25%

## ***Democratic People's Republic of Korea***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data available		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data available		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Indonesia

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimates: Three different multiplier methods		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Mid: 219,130 Low: 190,460 High: 247,800		
<b>Reference</b>	(Komisi Penanggulangan AIDS 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

#### Calculation

Prevalence (15-64 years) in 2006 = low:  $190,460/151,820,000 = 0.1255\%$   
= high  $247,800/151,820,000 = 0.1632\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>	Multi site, multi samples		
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Low: 31.73% High: 53.26% Within range: 41.09%		
<b>Reference</b>	(Komisi Penanggulangan AIDS 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Japan

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>	Ministry of Health estimate- not detailed		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	400,000		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

#### Calculation

Prevalence (15-64 years) in 2004 = low:  $400,000/85,315,000 = 0.4689\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported: 34 PLWHA known to be IDU		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## **Lao PDR**

### **Prevalence of injecting drug use**

<b>Year</b>	2002; 2004; 2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Hidalgo 2005)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

<b>Year</b>	2002; 2004; 2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(United Nations Office on Drugs and Crime, The Lao National Commission for the Drug Control and Supervision et al. 2005) (Family Health International 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2003		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU known to occur (0.09% of reported HIV is due to IDU)		
<b>Reference</b>	(Phimphachanh and Sayabounthavong 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Malaysia

### Prevalence of injecting drug use

Low:

<b>Year</b>	2002		
<b>Method</b>	Multiplier methods using self-reported HIV transmission methods from rehabilitation centres, police roundups and mandatory testing, premarital mandatory testing and VCT centres		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	170,000		
<b>Reference</b>	(Huang and Hussein 2004) As cited in (Reid, Kamarulzaman et al. 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	C

Low:

<b>Year</b>	2002		
<b>Method</b>	WHO and Ministry of Health consensus meeting		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	170,000		
<b>Reference</b>	<i>Futures Group 2003</i> As cited in (Reid, Kamarulzaman et al. 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

#### Calculation

Prevalence (15-64 years) in 2002 =  $170,000/15,370,000 = 1.1061\%$

High:

<b>Year</b>	2002		
<b>Method</b>	Multiplier methods using self-reported HIV transmission methods from rehabilitation centres, police roundups and mandatory testing, premarital mandatory testing and VCT centres		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	240,000		
<b>Reference</b>	(Huang and Hussein 2004) As cited in (Reid, Kamarulzaman et al. 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

High:

<b>Year</b>	2002		
<b>Method</b>	WHO and Ministry of Health consensus meeting		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	240,000		
<b>Reference</b>	<i>Futures Group 2003</i> As cited in (Reid, Kamarulzaman et al. 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

#### Calculation

Prevalence (15-64 years) in 2004 =  $240,000/15,370,000 = 1.5614\%$



## Prevalence of HIV amongst people who inject drugs

### MID

<b>Year</b>	2002		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	27 drug rehabilitation centres and 33 prisons		
<b>Seroprev/self rpt</b>			
<b>N=</b>	50,351		
<b>Area</b>	National		
<b>Estimate</b>	10.3% In 2000- 19.6% (N=9,500) In 2001- 13.2% (N=35,763)		
<b>Reference</b>	(Government Malaysia 2005)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## ***Mongolia***

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Limited amount of injecting reported to occur		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV as yet unreported among IDU		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

## Myanmar

### Prevalence of injecting drug use

#### Low & High

<b>Year</b>	2007		
<b>Method</b>	Consensus estimates from a Multi-stakeholder estimation workshop involving Ministry of Health, WHO, UNAIDS, and NGOs working in Myanmar		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Low: 60,000 High: 90,000		
<b>Reference</b>	(Miller 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	C

<b>Year</b>	2006		
<b>Method</b>	Department of Health estimate		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	60,000		
<b>Reference</b>	(United Nations Regional Task Force on Injecting Drug Use and HIV/AIDS in Asia and the Pacific 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	Consensus estimates from a Multi-stakeholder estimation workshop involving Ministry of Health, WHO, UNAIDS, and NGOs working in Myanmar		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	42.6%		
<b>Reference</b>	(Miller 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

## **Republic of Korea**

### **Prevalence of injecting drug use**

<b>Year</b>	2002		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported, extent unknown		
<b>Reference</b>	(Reid and Costigan 2002)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2002		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported (2 known cases in 2002)		
<b>Reference</b>	(Reid and Costigan 2002)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## *Philippines*

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(National Epidemiology Center 2005) (Global Fund 2006) (Philippine National AIDS Council 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2005		
<b>Method</b>	sentinel surveillance,		
<b>Sample type</b>	purposive sampling – recruitment otherwise not detailed		
<b>Seroprev/self rpt</b>	sero		
<b>N=</b>	243		
<b>Area</b>	Cebu City		
<b>Estimate</b>	1%		
<b>Reference</b>	(National Epidemiology Center 2005)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## **Singapore**

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known. Heroin and buprenorphine injection known to occur		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## Taiwan

### Prevalence of injecting drug use

Year	2007		
Method			
N=			
Area			
Estimate	IDU reported		
Reference	(Centres for Disease Control R.O.C. (Taiwan) 2007)		
1° or 2° source			
Peer reviewed		Grade	-

### Prevalence of HIV amongst people who inject drugs

LOW:

Year	2004		
Method	None detailed		
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	2%		
Reference	(Centres for Disease Control R.O.C. (Taiwan) 2007)		
1° or 2° source			
Peer reviewed		Grade	D1

HIGH:

Year	2006		
Method			
Sample type	Single population- 1 site (detox center)		
Seroprev/self rpt			
N=	192		
Area			
Estimate	25.6%		
Reference	(Cheng, Chu et al. 2007)		
1° or 2° source			
Peer reviewed		Grade	B

## Thailand

### Prevalence of injecting drug use

<b>Year</b>	2001		
<b>Method</b>	None described		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	160,528		
<b>Reference</b>	(Global Fund 2007) (Global Fund 2003) (Human Rights Watch 2004) All these references cite <i>Thai Epidemiology Working Group</i>		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	D1

#### Calculation

Prevalence (15-64 years) in 2001 =  $160,528/42,796,000 = 0.3751\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	Single population- treatment centres		
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	42.5%		
<b>Reference</b>	(World Health Organization 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	B



## ***Timor Leste***

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur but no estimate of extent (use among university sample reported).		
<b>Reference</b>	(Devaney, Reid et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Viet Nam

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	180,406 drug users were reported, 75% will be IDUs. = 135,305 IDU		
<b>Reference</b>	(Global Fund 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	no	<b>Grade</b>	D1

#### Calculation

Prevalence (15-64 years) in 2005= 135,305/55,102,000 = 0.2456%

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	Rehabilitation center populations		
<b>Seroprev/self rpt</b>			
<b>N=</b>	Hanoi (N= 296) Hai Phong (N=301) Quang Ninh (N=266) Da Nang (N=274) HCMC (N=296) Can Tho (N=299) An Giang(N=300)		
<b>Area</b>	Multi-city		
<b>Estimate</b>	Hanoi- 23.9% Hai Phong- 65.8% <b>USE AS HIGH</b> Quang Ninh- 58.7% Da Nang- 1.9% <b>USE AS LOW</b> HCMC- 34.0% Can Tho- 36.6% An Giang-13.3%		
<b>Reference</b>	(Ministry of Health 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	B

# South Asia

## Afghanistan

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	Comparison between estimates of drug use provided by key informants and estimates provided by drug users		
<b>N=</b>	1480 key informants and 1393 drug users were interviewed in provincial capitals, district centres and villages		
<b>Area</b>	National		
<b>Estimate</b>	<ul style="list-style-type: none"> <li>▪ 49,536 heroin users in the country in total</li> <li>▪ Urban male: 19698(40%); Urban female: 1968(4%); Urban child: 13(&lt;1%)</li> <li>▪ Rural Male: 26103(53%); Rural female: 1500(3%); Rural child: 256(1%)</li> <li>▪ 15% of male heroin users inject</li> <li>▪ &lt;1% of female heroin users in Kabul inject</li> </ul>		
<b>Reference</b>	(United Nations Office on Drugs and Crime 2005)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation:

Heroin injectors based on figures in *(United Nations Office on Drugs and Crime 2005)*:

- Assuming 15% of 45,801 male heroin users inject= 6870
- Assuming 15% of 269 'child' heroin users inject = 40
- Assuming 1% of 1,968 female heroin users inject = 20
- Assuming 0% of rural female heroin users inject

→ **High = 6,930**

- Assuming 0% of 'child' and female heroin users inject

→ **Low = 6,870**

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2005-2006		
<b>Method</b>	cross sectional study convenience sample-accessed via outreach workers IDUs who had injected in the past 6 months		
<b>Sample type</b>	street outreach, male IDU		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	464		
<b>Area</b>	Kabul		
<b>Estimate</b>	3% 95% CI: 1.7% - 5.1%		
<b>Reference</b>	(Todd, Abed et al. 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

## **Bangladesh**

### **Prevalence of injecting drug use**

Low:

<b>Year</b>	2005		
<b>Method</b>	consensus estimate		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	20,000 – 40,000		
<b>Reference</b>	(Reddy 2005) (Azim, Chowdhury et al. in press)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	C

#### **Calculations:**

Prevalence (15-64 years) = 20,000/93,941,000 = 0.0213%

Prevalence (15-64 years) = 40,000/93,941,000 = 0.0426%

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>	sentinel surveillance IDU from 18 cities IDU = those who injected in the past year all 15 years or older		
<b>Sample type</b>	Drop in centres, Out reach		
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	4,095 male IDU 121 female IDU		
<b>Area</b>	National		
<b>Estimate</b>	National: male 1.9% Use as HIGH National: female 0.8% Use as LOW (Dhaka overall 7%)		
<b>Reference</b>	(Azim, Rahman et al. 2008)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

HIV epidemic among IDU is concentrated in one area in Central Dhaka.

## ***Bhutan***

### **Prevalence of injecting drug use**

<b>Year</b>	2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Injection of heroin, propoxyphene and buprenorphine reported. 37/200 DU reported ever having injected		
<b>Reference</b>	(United Nations Office on Drugs and Crime: Regional Office for South Asia 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU not reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## India

### Prevalence of injecting drug use

#### Low:

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate Mapping and size estimation exercise		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	Total: 106,518 (male: 96,463) (female: 10,055)		
<b>Reference</b>	(Resource Centre for Sexual Health and AIDS (RCSHA) 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculations

Prevalence (15-64 years) =  $106,518/718,877,000 = 0.0148\%$

#### High:

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	Total: 223,121 (male: 189,729) (female: 33,392)		
<b>Reference</b>	(Resource Centre for Sexual Health and AIDS (RCSHA) 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculations

Prevalence (15-64 years) =  $223,121/718,877,000 = 0.0310\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	treatment centres (drug de-addiction centres), targeted intervention sites		
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	4,978 (male= 4550 female=428)		
<b>Area</b>	National		
<b>Estimate</b>	11.15% (male= 11.65 female= 5.84)		
<b>Reference</b>	(National AIDS Control Organization 2006)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## Iran

### Prevalence of injecting drug use

Use as Mid:

<b>Year</b>	2004		
<b>Method</b>	indirect prevalence estimate from Rapid situation assessment - looked at street drug users only		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	180,000 [→ prev (15-64y 2004) = 0.39922%]		
<b>Reference</b>	(Mokri and Schottenfeld 2007) This reference sites: <i>Narenjiha, H. (2005) Rapid Situation Assessment of Drug Abuse and Drug Dependence in Iran. Unpublished manuscript [in Persian], Darius Institute.</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Excluded: More recent data of equal grade is available

<b>Year</b>	1998		
<b>Method</b>	indirect prevalence estimate from Rapid situation assessment - number of receiving drug treatment - multiplier: percentage of registered drug users reporting participation in drug treatment - 16% of DU = IDU		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	166,000 [→ prev (15-64y 1998) = 0.44705%]		
<b>Reference</b>	(Mokri and Schottenfeld 2007) This reference sites: <i>Razzaghi, E. M., Rahimi, A., Hosseini, M., Madani, S., &amp; Chatterjee, A. (1999). Rapid Situation Assessment (RSA) of Drug Abuse in Iran (1998-1999). Prevention Department, State Welfare Organization, Ministry of Health, I. R. of Iran, and United Nations International Drug Control Program.</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Excluded as higher grade data available

<b>Year</b>	2001		
<b>Method</b>	Adjusted population estimate Ministry of health Based on emergency room visits		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	137,000 [→ prev (15-64y 2001) = 0.33178%]		
<b>Reference</b>	(Mokri and Schottenfeld 2007) This reference sites: <i>Yassami, M. T. (2002) Epidemiology of Drug Abuse in the Islamic Republic of Iran. Unpublished manuscript [in Persian]. Islamic Republic of Iran Ministry of Health and Medical Education; Drug Control Headquarters.</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2005		
<b>Method</b>	Surveillance		
<b>Sample type</b>	unknown		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	5%-25% regional variation		
<b>Reference</b>	(Centre for Diseases Management 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Maldives

### Prevalence of injecting drug use

Year	2003, 2006		
Method			
N=			
Area			
Estimate	IDU reported to occur (8% of drug users reported injecting ) - extent not known		
Reference	(The Foundation for Advancement of Self Help in Attaining Needs (FASHAN) and Narcotics Control Board (NCB) of Maldives 2003)		
1° or 2° source			
Peer reviewed		Grade	-

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	HIV as yet unreported among IDU		
Reference			
1° or 2° source			
Peer reviewed		Grade	

## *Nepal*

### Prevalence of injecting drug use

#### Low:

<b>Year</b>	2003		
<b>Method</b>	indirect estimate mapping exercise		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	16,100		
<b>Reference</b>	(National Centre for AIDS and STD Control 2004)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculations:

Prevalence (15-64years) = 16,100/14,717,000 = 0.1094%

#### High:

<b>Year</b>	2003		
<b>Method</b>	indirect estimate mapping exercise		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	28,000		
<b>Reference</b>	(National Centre for AIDS and STD Control 2004)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculations:

Prevalence (15-64years) = 28,000/14,717,000 = 0.1903%

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2003		
<b>Method</b>	Sentinel surveillance population weighted prevalence		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	30.22%-52.56%		
<b>Reference</b>	(National Centre for AIDS and STD Control 2004)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## **Pakistan**

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>	Indirect prevalence estimate		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	0.14% among 15-64 year olds 125,000 – 150,000 (NWFP = 0.06 = 7,000 Punjab = 0.2 = 100,000 Sind = 0.2 = 42,000 Baluchistan = 0.1 = 4,400)		
<b>Reference</b>	(Ministry of Narcotics Control, Anti-Narcotics Force et al. 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2005		
<b>Method</b>	sentinel surveillance		
<b>Sample type</b>	time location cluster sampling		
<b>Seroprev/self rpt</b>	sero		
<b>N=</b>	1779		
<b>Area</b>	National		
<b>Estimate</b>	10.8% (not weighted for population or regional variation see below) 95% CI = 9.6-12.1%		
<b>Reference</b>	(National AIDS Control Program 2005; Ministry of Narcotics Control, Anti-Narcotics Force et al. 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## ***Sri Lanka***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Reid and Costigan 2002) (Kumar 2006) (Fernando and Bridger 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Fernando and Bridger 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

# Caribbean

## ***Antigua and Barbuda***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Bahamas***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998) (CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Barbados***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007) (World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	



## ***Bermuda***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Commonwealth of Puerto Rico***

### **Prevalence of injecting drug use**

<b>Year</b>	2002		
<b>Method</b>	Multiple Indirect Prevalence Estimation Method		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	1.15%		
<b>Reference</b>	(Brady, Friedman et al. 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998-2001		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	12.9%		
<b>Reference</b>	(Reyes, Robles et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

## ***Cuba***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(World Health Organization 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Dominica***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(Inter-American Observatory on Drugs 2004) (CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Dominican Republic***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## **Grenada**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Haiti**

### **Prevalence of injecting drug use**

<b>Year</b>	2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(CAREC 2007) (Inter-American Observatory on Drugs 2004) (Hepburn and Lawitz 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007) (World Health Organization 2003) (Gaillard, Boulos et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Jamaica***

### **Prevalence of injecting drug use**

<b>Year</b>	2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004, 2005, 2006, 2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(CAREC 2007) (Figueroa 2004) (Vickers, Alveranga et al. 2005) (National HIV/STD Control Programme 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	



## *Saint Kitts and Nevis*

### Prevalence of injecting drug use

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(Inter-American Observatory on Drugs 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Saint Lucia***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(Inter-American Observatory on Drugs 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Saint Vincent & Grenadines***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Trinidad and Tobago***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(Djumalieva, Imamshah et al. 2002)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No Data		
<b>Reference</b>	(CAREC 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

# Latin America

## Argentina

### Prevalence of injecting drug use

#### Low:

<b>Year</b>	1999		
<b>Method</b>	Government estimate		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	64,500		
<b>Reference</b>	<i>Bloch C, Procupet A, Kaufmann R, Tecilla E. Perfil epidemiológico de los usuarios de drogas inyectables enfermos de SIDA en la Argentina. In: Boletín sobre el SIDA en la República Argentina Año VII, no. 19. Ministerio de Salud, Unidad Coordinadora Ejecutora VIH/SIDA y ETS, Setiembre 2000. As cited in (Rodríguez, Marques et al. 2002)</i>		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

#### Calculation

Prevalence (15-64years) = 64,500/22,611,000 = 0.2853%

#### High:

<b>Year</b>	1999		
<b>Method</b>	Government estimate- not detailed		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	67,158		
<b>Reference</b>	<i>Estudio nacional sobre sustancias adictivas, Argentina. Buenos Aires: Secretaría de Programación para la Prevención de la Drogadicción y Lucha contra el Narcotráfico, 1999. As cited in (Sosa-Estani, Rossi et al. 2003)</i>		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

Prevalence (15-64years) = 67,158/22,611,000 = 0.2970%

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	1987-1999		
<b>Method</b>	Literature review		
<b>Sample type</b>	Multi sample- Outpatient, Prisoner, Children in rehabilitation centres, hospitals and treatment samples		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	High: 64% (Outpatient sample) Low: 35.4% (Prisoner sample)		
<b>Reference</b>	(Sosa-Estani, Rossi et al. 2003)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

Within range:

<b>Year</b>	2001		
<b>Method</b>	Street recruited snowball sample		
<b>Sample type</b>	Single population- street IDU		
<b>Seroprev/self rpt</b>			
<b>N=</b>	174		
<b>Area</b>	Buenos Aires		
<b>Estimate</b>	44.25%		
<b>Reference</b>	(Weissenbacher, Rossi et al. 2003)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

## ***Belize***

Prevalence of injecting drug use

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of IDU		
<b>Reference</b>	(Manzanero 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>	(Pan American Health Organization 2004) (CAREC 2007) (Manzanero 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	



## ***Bolivia***

### Prevalence of injecting drug use

<b>Year</b>	2003		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Pan American Health Organization 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2003		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>	(Pan American Health Organization 2004)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Brazil

### Prevalence of injecting drug use

Year	2003		
Method	Government estimate		
N=	-		
Area	National		
Estimate	800,000 IDU = use in the last 12 months		
Reference	(Coordenação Nacional de DST e AIDS 2003)		
1° or 2° source	secondary		
Peer reviewed	non peer reviewed	Grade	D1

#### Calculation:

Prevalence of IDU (15-64 years) = 800,000/119,476,000 = 0.6696%

### HIV amongst people who inject drugs

Year	2000		
Method	Multicentre survey		
Sample type	multiple		
Seroprev/self rpt			
N=			
Area	multicity		
Estimate	Regional differences pronounced 18-34% in cities in Sao Paulo 48.5-78% in cities in far south USE 78% as HIGH USE 18% as LOW		
Reference	<i>Caiaffa TW, Proietti AF, Marques LF, Doneda D, Proietti AB, Mingotti S, Deslandes S. Prevenção do HIV em Populações em UD's e Projeto Ajude-Brasil. In: Consumo de drogas desafios e perspectivas. Mesquita F, Seibel S (editors). São Paulo, Brazil Hucitec; 2000. As cited in (Rodriguez, Marques et al. 2002)</i>		
1° or 2° source	secondary		
Peer reviewed	yes	Grade	A

Within range:

<b>Year</b>	2000-2001		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	Port Alergre, Itajai		
<b>Estimate</b>	High: 64.3% Low: 31.0%		
<b>Reference</b>	<i>Caiaffa WT, Proietti FA, Carneiro-Proietti AB, Mingoti SA, Doneda D, Gandolfi D, et al. Epidemiological Study of Injection Drug Users in Brazil (AjUDE-Brasil Project). The dynamics of the Human Immunodeficiency Virus epidemics in the south of Brazil: Increasing role of injection drug users. Clinical Infectious Diseases. 2003; 37(Suppl 5):S376–81. As cited in (Hacker, Malta et al. 2005)</i>		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	D

<b>Year</b>	1995-1997		
<b>Method</b>	State testing site, drug treatment centres, outpatient services		
<b>Sample type</b>	Multisite		
<b>Seroprev/self rpt</b>			
<b>N=</b>	203		
<b>Area</b>			
<b>Estimate</b>	57.1%		
<b>Reference</b>	(Pechansky, Kessler et al. 2005) (Pechansky, Woody et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

## Chile

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	Lifetime injection 0.38% 15-64 year olds		
<b>Reference</b>	(Consejo Nacional Para El Control De Estupefacients (CONACE) 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D1

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2005		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Global Fund 2002) (Comision Nacional de Sida-Conasida 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	-	<b>Grade</b>	-

## Colombia

### Prevalence of injecting drug use

<b>Year</b>	1999		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	Bogotá		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	<i>Mejía Motta, IE. La Inyección de Drogas en Bogotá: una realidad oculta. Santa Fe de Bogotá: Presidencia de la República de Colombia; 2003. (Part of the WHO Multicentre Study) As cited in (Hacker, Malta et al. 2005)</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	1999		
<b>Method</b>	survey of IDU		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>			
<b>Area</b>	Bogotá		
<b>Estimate</b>	<b>&lt;2% used zero as lower and 2% as upper limit – median 1%</b>		
<b>Reference</b>	<i>Mejía Motta, IE. La inyección de drogas en Bogotá: una realidad oculta. Santa Fe de Bogotá: Presidencia de la República de Colombia; 2003. (Part of the WHO Multicentre Study) As cited in (Hacker, Malta et al. 2005)</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

## **Costa Rica**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## ***Ecuador***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## *El Salvador*

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent no known		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	



## Guatemala

### Prevalence of injecting drug use

<b>Year</b>	2004, 2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (1.3% MSM past year IDU; 1.3% FSW past year IDU)		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent no known		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## Guyana

### Prevalence of injecting drug use

Year	1999		
Method			
N=			
Area			
Estimate	IDU not reported		
Reference	(Persaud, Klaskala et al. 1999)		
1° or 2° source	primary		
Peer reviewed	yes	Grade	-

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No data		
Reference			
1° or 2° source			
Peer reviewed		Grade	

## Honduras

### Prevalence of injecting drug use

<b>Year</b>	2002		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur – extent not known (1.2% MSM past year IDU; 3.3% FSW past year IDU)		
<b>Reference</b>	(Ramon, Alvarenga et al. 2002)		
<b>1° or 2° source</b>	-		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent no known		
<b>Reference</b>	(Ramon, Alvarenga et al. 2002) (Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Mexico

### Prevalence of injecting drug use

Year	2005		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Rodriguez, Marques et al. 2002) (Bravo-García, Magis-Rodríguez et al. 2006)		
1° or 2° source			
Peer reviewed		Grade	-

### Prevalence of HIV amongst people who inject drugs

#### Low:

Year	2005		
Method	Respondent driven sampling		
Sample type			
Seroprev/self rpt	Serum		
N=	207		
Area	Tijuana		
Estimate	1.9%		
Reference	(Frost, Brouwer et al. 2006)		
1° or 2° source	primary		
Peer reviewed	yes	Grade	B

#### High:

Year	2005		
Method	Respondent driven sampling		
Sample type			
Seroprev/self rpt	-		
N=	197		
Area	Cd Juarez		
Estimate	4.1%		
Reference	(Frost, Brouwer et al. 2006)		
1° or 2° source	primary		
Peer reviewed	yes	Grade	B

#### Within range:

Year	2007		
Method	Respondent driven sampling		
Sample type			
Seroprev/self rpt	Serum		
N=	1052		
Area	Tijuana		
Estimate	4% → adjusted for potential effect from sampling strategy = 2.3%		
Reference	(Strathdee, Morgan et al. 2007)		
1° or 2° source	primary		
Peer reviewed	yes	Grade	B

## Nicaragua

### Prevalence of injecting drug use

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2000 [by default using the year of publication of source article]		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	25		
<b>Area</b>	Managua		
<b>Estimate</b>	6.0%		
<b>Reference</b>	<i>Díaz RMM, Salgado ZG. Sífilis, hepatitis B y VIH em um cartel de expendio de drogas em Manágua, Nicarágua. In: Anais do Fórum 2000, Vol 1. Conferencia Latinoamericana y del Caribe-Forum 2000: 2000 Nov 6–10; Rio de Janeiro; 2000. P. 234. As cited in (Hacker, Malta et al. 2005)</i>		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	D1

## **Panama**

### **Prevalence of injecting drug use**

<b>Year</b>	2004, 2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004, 2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent no known		
<b>Reference</b>	(Pan American Health Organization 2004) (Soto, Ghee et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Paraguay**

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur –extent not known		
<b>Reference</b>	(Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) (Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Prevalence of HIV amongst people who inject drugs

Low

<b>Year</b>	2006		
<b>Method</b>	-		
<b>Sample type</b>	current and former IDU		
<b>Seroprev/self rpt</b>	Serum		
<b>N=</b>	164		
<b>Area</b>	Central Region and Asuncion,		
<b>Estimate</b>	3.7%		
<b>Reference</b>	(Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) (Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) This reference cites other studies but no details		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	70		
<b>Area</b>	Asuncion (city)		
<b>Estimate</b>	15%		
<b>Reference</b>	(Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) (Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) This reference cites other studies but no details		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

Within Range:

<b>Year</b>	2006		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	serum		
<b>N=</b>	99		
<b>Area</b>	-		
<b>Estimate</b>	9.1%		
<b>Reference</b>	(Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006) (Programa nacional de Control de SIDA/ITS Paraguay (PRONASIDA) 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



## **Peru**

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Hacker, Malta et al. 2005)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1994-1995		
<b>Method</b>	Part of a national survey (all the detail that is given)		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	13%		
<b>Reference</b>	(Hacker, Malta et al. 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D

## Suriname

### Prevalence of injecting drug use

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

Mid

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>	(National Anti-Drug Council Suriname 2002)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Uruguay

### Prevalence of injecting drug use

Year	2006		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Woratanarat 2006)		
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year	2002		
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	HIV among IDU reported – extent not known		
Reference	(Rodriguez, Marques et al. 2002) (UNAIDS 2006)		
1° or 2° source			
Peer reviewed	non peer reviewed	Grade	

## Venezuela

### Prevalence of injecting drug use

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

# Oceania

## **American Samoa**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No data		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Australia

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	Indirect: IDU estimated through a mathematical model of HCV transmissions based on a standard percentage increase in IDU annually		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Absolute number: High-204,564 Low-89,253 Median-149,591 Prevalence: 1.07% (0.67-1.46)		
<b>Reference</b>	(Razali, Thein et al. 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	A

Calculations Prevalence (15-64years) Low =  $89,253 / 13,683,000 = 0.6523\%$   
 Median =  $149,591 / 13,683,000 = 1.0933\%$   
 High =  $204,564 / 13,683,000 = 1.4950\%$

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	Sentinel surveillance- multi-site treatment centres		
<b>Sample type</b>	Single population- treatment centre		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	1,897		
<b>Area</b>	National		
<b>Estimate</b>	1.5% Prevalence Absolute number of IDUs with HIV: 2,245		
<b>Reference</b>	(National Centre in HIV Epidemiology and Clinical Research 2008)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## ***Federated States of Micronesia***

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(UNGASS 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2005		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	General population surveillance		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	1 case of HIV from IDU but little HIV in the country		
<b>Reference</b>	(UNGASS 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	No	<b>Grade</b>	



## *Fiji*

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur (among male high risk populations) – extent not known		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	(World Health Organization 2006)		
<b>Estimate</b>	1 case of HIV from IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

<b>Year</b>	2005		
<b>Method</b>	Expert opinion		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	IDU listed as a marginal route of transmission with no clear estimates possible		
<b>Reference</b>	(Pontali 2008)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

## ***French Polynesia***

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## **Guam**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## ***Kiribati***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur (among male high risk populations) – extent not known		
<b>Reference</b>	(World Health Organization 2006) (Wang, Cliffe et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV as yet unreported among IDU		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Marshall Islands***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV as yet unreported among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Nauru***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV as yet unreported among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***New Caledonia***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## New Zealand

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Absolute number: High- 26,792 Low- 13,535 Median- 20,163 Prevalence: 0.72 (0.49, 0.96)		
<b>Reference</b>	(Wilkins, Girling et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

Calculations Prevalence (15-64 years)

Median = 20,163/ 2,754,000 = 0.7321%

Low = 13,535/ 2,754,000 = 0.4915%

High = 26,792/ 2,754,000 = 0.9728%

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	Self report		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	1.6%		
<b>Reference</b>	(Wilkins, Girling et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



## ***Palau***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV as yet unreported among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Papua New Guinea**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (thought to be very low)		
<b>Reference</b>	(McDonald 2005) (AusAID 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported to occur – extent unknown		
<b>Reference</b>	(McBride 2005)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Samoa

### Prevalence of injecting drug use

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004-2005		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	0.0		
<b>Reference</b>	(Ministries of Health: Fiji Kiribati Samoa Solomon Islands Tonga and Vanuatu 2006) (World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	D1

## ***Solomon Islands***

### **Prevalence of injecting drug use**

<b>Year</b>	2004-2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004-2005		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	0		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	D

## **Tonga**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur (among young people) – extent not known		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004-2005		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	0.0		
<b>Reference</b>	(World Health Organization 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	D

## ***Tuvalu***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>			
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Vanuatu

### Prevalence of injecting drug use

Year			
Method			
N=			
Area			
Estimate	IDU reported to occur (among young people) – extent not known		
Reference	(World Health Organization 2006)		
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate			
Reference			
1° or 2° source			
Peer reviewed		Grade	

# Canada and the United States



## Canada

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	1.3% Lifetime IDU for 15-64 age group Lower estimate: 1.0% Upper estimate: 1.7%		
<b>Reference</b>	(Ialomiteanu 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	Sentinel Surveillance		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Lower estimate: 2.9% Higher estimate: 23.8%		
<b>Reference</b>	(Public Health Agency of Canada 2006)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## United States

### Prevalence of injecting drug use

<b>Year</b>	2002		
<b>Method</b>	Multiple indirect prevalence estimation methods		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	0.961% among those 15-64 years Lower range: 0.67% Upper range: 1.34%		
<b>Reference</b>	(Brady, Friedman et al. 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2003		
<b>Method</b>	Indirect prevalence estimate		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	(1) Estimate of HIV positive persons in US: 925,000-1,185,000 (2) Estimated persons living with HIV through IDU as at 2005: 24.8% (117,843) -Assume 24.8% of all HIV positive persons are IDU= 229,400-293,800 HIV+IDU -Inferred HIV prevalence among IDU from % past year IDU (6) and total estimated IDU with HIV Lower Estimate: 8.7% Upper Estimate: 22.4%		
<b>Reference</b>	(Glynn and Rhodes 2005) (Brady, Friedman et al. 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

# Western Europe

## ***Albania***

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Andorra**

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Austria***

### **Prevalence of injecting drug use**

<b>Year</b>	2000		
<b>Method</b>	Multiplier methods from police, treatment and mortality data; Back calculations, methadone consumption		
<b>N=</b>	NA		
<b>Area</b>	National		
<b>Estimate</b>	17,500 (range 12,000-23,000)		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	112		
<b>Area</b>			
<b>Estimate</b>	7.1%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## **Belgium**

### **Prevalence of injecting drug use**

<b>Year</b>	1997		
<b>Method</b>	Multiplier methods from police, treatment and mortality data; Back calculations, methadone consumption		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Absolute number: 25,800 (range 23,200-28,400)		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No national data available; regional data ranged from 5.7% in Antwerp (Ref 8) to 2.9% in 'Flemish Community'		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Denmark

### Prevalence of injecting drug use

<b>Year</b>	1996		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Low: 12,372 High: 18,460		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	188		
<b>Area</b>	5 site study		
<b>Estimate</b>	2.1%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A



## ***Finland***

### **Prevalence of injecting drug use**

<b>Year</b>	2002		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Mid: 15,650 Low: 12,200 High: 19,700		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	1486		
<b>Area</b>			
<b>Estimate</b>	0.2		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## France

### Prevalence of injecting drug use

<b>Year</b>	1999		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Absolute number: 122,000		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2003		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	8385		
<b>Area</b>	National		
<b>Estimate</b>	12.2%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## ***Former Yugoslav Republic of Macedonia***

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Germany

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Mid: 94,250 Low: 78,000 High: 110,500		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	1296		
<b>Area</b>			
<b>Estimate</b>	2.9%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## Greece

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Mid: 9,720 Low: 8,542 High: 11,134		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	(1) n=761 (2) n=1259		
<b>Area</b>	National		
<b>Estimate</b>	(1)0.3- (2)0.7 range		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

## ***Iceland***

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## ***Ireland***

### **Prevalence of injecting drug use**

<b>Year</b>	1996		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Mid: 6,289 Low: 4,694 High: 7,884		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1999		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	173		
<b>Area</b>	National		
<b>Estimate</b>	5.8%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## *Italy*

### Prevalence of injecting drug use

<b>Year</b>	1996		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	326,000		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	12.1%		
<b>Reference</b>	(EuroHIV 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A



## ***Liechtenstein***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Luxembourg**

### **Prevalence of injecting drug use**

<b>Year</b>	2000		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	1,715		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	254		
<b>Area</b>	National (8 sites)		
<b>Estimate</b>	2.8%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Malta

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	Registers		
<b>N=</b>	NA		
<b>Area</b>	Specific treatment sites		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	175 (1 site)		
<b>Area</b>	National		
<b>Estimate</b>	0.0%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Monaco

### Prevalence of injecting drug use

Year	2004		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Donoghoea, Bollerup et al. 2007)		
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year	2004		
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	HIV among IDU reported – extent not known		
Reference	(Donoghoea, Bollerup et al. 2007)		
1° or 2° source			
Peer reviewed		Grade	

## Montenegro

### Prevalence of injecting drug use

Year	2004		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Donoghoea, Bollerup et al. 2007)		
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year	2004		
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	HIV among IDU reported – extent not known		
Reference	(Donoghoea, Bollerup et al. 2007)		
1° or 2° source			
Peer reviewed		Grade	

## *Netherlands*

### Prevalence of injecting drug use

<b>Year</b>	2001		
<b>Method</b>	Treatment multiplier		
<b>N=</b>	NA- problem drug users currently injecting		
<b>Area</b>	National		
<b>Estimate</b>	Mid: 3,115 Low: 2,211 High: 4,321		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>		<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2002		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	IDU		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	452		
<b>Area</b>	Rotterdam		
<b>Estimate</b>	9.5%		
<b>Reference</b>	(EuroHIV 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Norway

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	Mortality Multiplier method, Municipal survey (with), Multiple Indicator Method		
<b>N=</b>	NA- IDU		
<b>Area</b>	National		
<b>Estimate</b>	Mid: 10,049 Low: 8,374 High: 11,724		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	3349		
<b>Area</b>	National (14 sites)		
<b>Estimate</b>	3.2%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Portugal

### Prevalence of injecting drug use

<b>Year</b>	2000		
<b>Method</b>	Three multiplier methods based on police data, treatment data and mortality rates, Capture-recapture		
<b>N=</b>	NA: 'Problem Drug Users'		
<b>Area</b>	National		
<b>Estimate</b>	Mid: 32,287 Low: 15,900 High: 48,673)		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	No	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	(1)n=1520 (2)n=4128		
<b>Area</b>	National (1) 77 sites (2)71 sites		
<b>Estimate</b>	Low: 10.9 Mid: 15.6 High: 20.2		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A



## **San Marino**

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Serbia**

### **Prevalence of injecting drug use**

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Donoghoea, Bollerup et al. 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Slovenia

### Prevalence of injecting drug use

<b>Year</b>	2001		
<b>Method</b>	Indirect (capture-recapture)		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Estimates of <i>problematic drug use</i> : Absolute number: 7,399 Prevalence: 0.53 Proportion of heroin users injecting= 0.988		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary (Primary source unpublished)		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

#### Calculation:

Use proportion of heroin users who inject to adjust for IDU among PDU:

$7399 \times 0.988 = 7310$  (prevalence= 0.52)

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	476		
<b>Area</b>	National (19 sites)		
<b>Estimate</b>	0.4%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Spain

### Prevalence of injecting drug use

<b>Year</b>	1998		
<b>Method</b>	Indirect- treatment centre registers		
<b>N=</b>	15,711 'opiate addicts' aged 15-44		
<b>Area</b>	Regional (Catalonia)- Subjects from treatment centres and hospital registries		
<b>Estimate</b>	83,972		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	1194		
<b>Area</b>	National (66 sites)		
<b>Estimate</b>	39.7%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Sweden

### Prevalence of injecting drug use

<b>Year</b>	2003		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	Secondary source- Primary source in Swedish		
<b>Peer reviewed</b>		<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2007		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	203		
<b>Area</b>	Stockholm's county (207 sites)		
<b>Estimate</b>	5.4%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

## Switzerland

### Prevalence of injecting drug use

<b>Year</b>	1997		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Low: 24,907 High: 38,399		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	1.4%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	no	<b>Grade</b>	A

## United Kingdom

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	The UK estimate is the England estimate for 2004/05, Northern Ireland estimate for 2004, Scotland estimate for 2003 and Wales is assumed the same prevalence as England (No methodological details provided)		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	Low: 151,032 Mid: 156,398 High: 165,696		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2008)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	No	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	(1) n= 2482		
<b>Area</b>	England and Wales excluding London		
<b>Estimate</b>	0.6%		
<b>Reference</b>	(Wiessing 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

#### High:

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>	n= 593		
<b>Area</b>	London		
<b>Estimate</b>	4.0%		
<b>Reference</b>	(EuroHIV 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	A

# Middle East and North Africa



## Algeria

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	Snowball sample		
<b>N=</b>	285		
<b>Area</b>	Multicity (Alger, Oran, Annaba)		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(MESRS 2006) (UNAIDS 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Woratanarat 2006) (MESRS 2006) (Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	-

## ***Bahrain***

### **Prevalence of injecting drug use**

Mid:

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur but no estimate of prevalence		
<b>Reference</b>	(World Bank 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2000		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>			
<b>N=</b>	291		
<b>Area</b>	-		
<b>Estimate</b>	0.3%		
<b>Reference</b>	(World Bank 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Cyprus

### Prevalence of injecting drug use

Mid:

<b>Year</b>	2006		
<b>Method</b>	<i>Unpublished report- details unavailable</i>		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	Low: 257 Mid: 305 High: 382		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	A

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>	sentinel surveillance – 6 sites		
<b>Sample type</b>	drug treatment sites		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	96		
<b>Area</b>	National		
<b>Estimate</b>	0.0%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction & Reitox National Focal Point 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Egypt

### Prevalence of injecting drug use

<b>Year</b>	2002, 2004, 2006		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Dewing, Plüddemann et al. 2006) (Jenkins and Robalino 2003) (Grotherath 2002) (Elshimi, Warner-Smith et al. 2004)		
<b>1° or 2° source</b>	Primary and secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2006		
<b>Method</b>	sentinel surveillance		
<b>Sample type</b>	male IDU		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	0.6%		
<b>Reference</b>	<i>Ministry of Health and Population National AIDS Program Arab Republic of Egypt/ Family Health International HIV/AIDS Biological and Behavioural Surveillance Survey: Summary Report. Cairo 2006</i> As cited by (AIDS Projects Management Group 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2006		
<b>Method</b>	sentinel surveillance		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	100		
<b>Area</b>	Alexandria		
<b>Estimate</b>	4.5% (5/100)		
<b>Reference</b>	<i>Ministry of Health and Population National AIDS Program Arab Republic of Egypt/ Family Health International HIV/AIDS Biological and Behavioural Surveillance Survey: Summary Report. Cairo 2006</i> As cited by (AIDS Projects Management Group 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## ***Iraq***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	no reports of HIV among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Israel

### Prevalence of injecting drug use

<b>Year</b>	2002 - 2006		
<b>Method</b>	treatment samples (MMT clinic, intake centre, day treatment facility) heroin users		
<b>N=</b>	native Israeli heroin users = 272 immigrants to Israel from former Soviet Union heroin users= 300		
<b>Area</b>	Negev region		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Isralowitz, Reznik et al. 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

<b>Year</b>	2004		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	IDU reported to occur – extent not known (approximately 20 000 heroin users in Israel)		
<b>Reference</b>	<i>Israel Anti-drug Authority update 6 July 2004</i> <a href="http://www.antidrugs.gov.il/">http://www.antidrugs.gov.il/</a> - [NB data cited could not be found on this website by us]. As cited by (Peles, Schreiber et al. 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

#### Low:

<b>Year</b>	2005		
<b>Method</b>	cross sectional		
<b>Sample type</b>	Treatment sample: MMT		
<b>Seroprev/self rpt</b>	seroprevalence		
<b>N=</b>	145 – not certain if all were injectors		
<b>Area</b>			
<b>Estimate</b>	2.07%		
<b>Reference</b>	(Gelkopf, Weizman et al. 2006)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	B

#### High:

<b>Year</b>	2002 - 2006		
<b>Method</b>	treatment samples heroin users		
<b>Sample type</b>	treatment samples (MMT clinic, intake centre, day treatment facility) heroin users		
<b>Seroprev/self rpt</b>	sero samples		
<b>N=</b>	native Israeli heroin IDU = 173 immigrants to Israel from former Soviet Union heroin users= 300 (including 19 non injectors among fSU sample)		
<b>Area</b>	Negev region		
<b>Estimate</b>	fSU immigrants = 6.0%; native Israeli = 0.0% overall = 3.81%		
<b>Reference</b>	(Isralowitz, Reznik et al. 2007)		
<b>1° or 2° source</b>	primary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	A

## Jordan

### Prevalence of injecting drug use

<b>Year</b>	2007		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(Global Fund 2007) (Jenkins and Robalino 2003) (Global Fund 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported		
<b>Reference</b>	(Global Fund 2006) (World Bank 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## ***Kuwait***

### **Prevalence of injecting drug use**

<b>Year</b>	2005		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(World Bank 2005) (Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2000		
<b>Method</b>	Registry		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	sero sample		
<b>N=</b>			
<b>Area</b>	National		
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(World Bank 2005)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-



## **Lebanon**

### **Prevalence of injecting drug use**

<b>Year</b>	2003		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(United Nations Office on Drugs and Crime & Institute for Development Research and Applied Care 2003)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1984-2000		
<b>Method</b>	Registry		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Jenkins and Robalino 2003) (United Nations Office on Drugs and Crime & Institute for Development Research and Applied Care 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## ***Libyan Arab Jamahiriya***

### **Prevalence of injecting drug use**

<b>Year</b>	2001		
<b>Method</b>	police registration		
<b>N=</b>	-		
<b>Area</b>	National		
<b>Estimate</b>	1 685 registered IDU		
<b>Reference</b>	(Grotherath 2002)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

#### **Calculation**

Prevalence (15-64years) of registered IDU =  $1,685/3,817,000 = 0.0441\%$

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2004		
<b>Method</b>	Seroprevalence		
<b>Sample type</b>	Treatment sample and snowball (community)		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	169		
<b>Area</b>	Single city (Tripoli)		
<b>Estimate</b>	22%		
<b>Reference</b>	(Toufik 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Morocco

### Prevalence of injecting drug use

<b>Year</b>	2006		
<b>Method</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(Toufik 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

<b>Year</b>	2006		
<b>Method</b>	Snowball sample from street; Prison sample; Treatment sample		
<b>N=</b>	495		
<b>Area</b>	Multicity (Tangier, Tetouan, Rabat, Casablanca)		
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(Global Fund 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2006		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	self report		
<b>N=</b>	61		
<b>Area</b>	Multicity (Tangier, Tetouan, Rabat, Casablanca)		
<b>Estimate</b>	6.5% (4/61)		
<b>Reference</b>	(Toufik 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

## ***Occupied Palestinian Territories***

### **Prevalence of injecting drug use**

<b>Year</b>	2002, 2003		
<b>Method</b>	Registry		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Grotherath 2002)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	no	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2002		
<b>Method</b>	Registry		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	sero		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	HIV among IDU reported		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	no	<b>Grade</b>	-

## Oman

### Prevalence of injecting drug use

<b>Year</b>	1997-2005		
<b>Method</b>	Registry and other		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	primary and secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2000		
<b>Method</b>	WHO UNAIDS assessment [assume registry from police records]		
<b>Sample type</b>	arrested IDU		
<b>Seroprev/self rpt</b>			
<b>N=</b>	135		
<b>Area</b>			
<b>Estimate</b>	5%		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2000-2005		
<b>Method</b>	-		
<b>Sample type</b>	treatment sample		
<b>Seroprev/self rpt</b>	sero		
<b>N=</b>	129		
<b>Area</b>	-		
<b>Estimate</b>	18.6%		
<b>Reference</b>	(Toufik 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

Within range:

<b>Year</b>	2000		
<b>Method</b>	-		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	60		
<b>Area</b>	-		
<b>Estimate</b>	8.3%		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	D

## **Qatar**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>	Registry		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – (1.2% of AIDS cases IDU)		
<b>Reference</b>	(Grotherath 2002) (Ball, Rana et al. 1998)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>	Registry		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	HIV among IDU reported		
<b>Reference</b>	(Grotherath 2002) (Ball, Rana et al. 1998)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## **Saudi Arabia**

### **Prevalence of injecting drug use**

<b>Year</b>	1984-2001		
<b>Method</b>	Registry		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Jenkins and Robalino 2003) (Madani, Al-Mazrou et al. 2004)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1997		
<b>Method</b>	-		
<b>Sample type</b>	IDU		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	2102		
<b>Area</b>	-		
<b>Estimate</b>	0.14% (3/2102)		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## ***Sudan***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2003		
<b>Method</b>	-		
<b>Sample type</b>	Registry		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	0% HIV among IDU reported		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B



## ***Syrian Arab Republic***

### **Prevalence of injecting drug use**

<b>Year</b>	1997-2000, 2001		
<b>Method</b>	Registry and other		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	IDU reported to occur		
<b>Reference</b>	(Grotherath 2002)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1997-2000		
<b>Method</b>	Registry		
<b>Sample type</b>	-		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	HIV among IDU reported		
<b>Reference</b>	(Jenkins and Robalino 2003)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## **Tunisia**

### **Prevalence of injecting drug use**

<b>Year</b>	2002, 2003		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (many IDU thought to be expatriates returning home to Tunisia from abroad).		
<b>Reference</b>	(Grotherath 2002) (Jenkins and Robalino 2003) (Global Fund 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

Mid:

<b>Year</b>	1997		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	IDU		
<b>Seroprev/self rp-t</b>	seroprevalence		
<b>N=</b>	-		
<b>Area</b>	-		
<b>Estimate</b>	1997 0.3%		
<b>Reference</b>	(Global Fund 2006)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## Turkey

### Prevalence of injecting drug use

<b>Year</b>	2005		
<b>Method</b>	Registry – treatment centres		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (in 2005 there were 549 IDUs in treatment centres)		
<b>Reference</b>	(Kavasoglu 2008)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

<b>Year</b>	2005		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2005		
<b>Method</b>	Registry		
<b>Sample type</b>	treatment centre		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	549		
<b>Area</b>	-		
<b>Estimate</b>	$12/549 = 2.3\%$		
<b>Reference</b>	(Kavasoglu 2008)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2001		
<b>Method</b>	surveillance		
<b>Sample type</b>	Treatment sample		
<b>Seroprev/self rpt</b>	-		
<b>N=</b>	99		
<b>Area</b>	Ankara		
<b>Estimate</b>	3%		
<b>Reference</b>	(European Monitoring Centre for Drugs and Drug Addiction 2007)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## ***United Arab Emirates***

### **Prevalence of injecting drug use**

<b>Year</b>	2002		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (very strict penalties and very little drug use recorded. However Some IDU is believed to occur)		
<b>Reference</b>	(Grotherath 2002)		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Yemen

### Prevalence of injecting drug use

<b>Year</b>	2002		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known (little evidence that “hard drugs” have penetrated the Yemeni market. The National AIDS Program believes there is drug injection in the elite group of Yemeni society – but this is the exception.)		
<b>Reference</b>	(Grotherath 2002)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rp-t</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

# Sub-Saharan Africa

## **Angola**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Benin**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-



## **Botswana**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Burkina Faso***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Burundi**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Cameroon

### Prevalence of injecting drug use

Year			
Method			
N=			
Area			
Estimate	No IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No HIV among IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	-

## **Cape Verde**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Central African Republic***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Chad***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Comoros

### Prevalence of injecting drug use

Year			
Method			
N=			
Area			
Estimate	No IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	-

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No HIV among IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	-



## *Côte d'Ivoire*

### Prevalence of injecting drug use

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Democratic Republic of the Congo***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Djibouti***

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	1998		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

## ***Equatorial Guinea***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Eritrea***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Ethiopia**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Gabon**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Gambia**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	



## **Ghana**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Guinea**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Guinea-Bissau**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Kenya

### Prevalence of injecting drug use

#### Low:

<b>Year</b>	2004		
<b>Method</b>	Mapping, key informant guidance, questionnaire for recruited participants-recruiting based on presence in identified gather places for heroin dealing/use, informal interview, group discussion, expert opinion		
<b>N=</b>	496 heroin users		
<b>Area</b>	Single site- Mombasa		
<b>Estimate</b>	15% of heroin users had 'ever injected' (76/496), 7% had injected in the last week (37/496) Estimate (expert opinion with method outlined): 10,000 heroin users in Greater Mombasa in March 2004 Population "exceeds one million"		
<b>Reference</b>	(Beckerleg, Telfer et al. 2006)		
<b>1° or 2° source</b>	Primary source		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	C

#### Calculation:

10,000 heroin users in Mombasa and between 7% and 15% of these are past year IDU: 1,500 – 700 injectors. Projected population of Mombasa in 2004: 787,280 (Statistics and Development 2007) 15-64 year olds make up 54.35% of the population in Kenya in 2004 (Kenyan Bureau of Statistics 2007)

Assuming similar age distribution in Mombasa as the rest of the country then 54.35% of 787,280 = 427,887 15-64 year olds in Mombasa in 2004.

2004 prevalence of IDU among 15-64 year olds: 0.16% - 0.35% **[use 0.16% as low]**

#### High:

<b>Year</b>	2000-2002		
<b>Method</b>	Rapid assessment: snowball sample of female IDUs.		
<b>N=</b>	26 Female IDU involved in the snowball, 4 informants underwent nomination techniques, 21 interviews with community members		
<b>Area</b>	Single city		
<b>Estimate</b>	600 IDU (30 female) in an estimated population of 85,000		
<b>Reference</b>	(Beckerleg and Lewando Hundt 2004)		
<b>1° or 2° source</b>	Primary source		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	C

15-64 year olds make up 53.85% of the population in Kenya in 2002 (Division 2007)

Assuming similar age distribution in this city as in the rest of the country 53.85% of 85,000 = 45,773 15-64 year olds in this city in 2002

2002 Prevalence of IDU among 15-64 year olds: 1.3% **[use as high]**

Within range:

<b>Year</b>	2001		
<b>Method</b>	Rapid Assessment and Response		
<b>N=</b>	Unknown		
<b>Area</b>	Single city (Nairobi)		
<b>Estimate</b>	13,000 heroin users 50% of which cite injection as their preferred route		
<b>Reference</b>	<i>M. Odek-Ogunde, WHO, Rapid assessment and response study Kenya 2001, Nairobi. As cited by (AIDS Projects Management Group 2005)</i>		
<b>1° or 2° source</b>	Secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	C

#### Calculation

Assume 50% of 13,000 IDU = 6,500 IDU in Nairobi in 2001

Population in Nairobi in 2001: 2,470,850 (Statistics and Development 2007)

53.51% of population in Kenya aged 15-64 years in 2001 (Division 2007) therefore 1,322,151 in Nairobi

**2001 prevalence of IDU among 15-64 year olds: 0.49%**

#### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2004		
<b>Method</b>	Not described		
<b>Sample type</b>	Not described		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	146 IDU		
<b>Area</b>	Single city- Nairobi		
<b>Estimate</b>	36.30% (53/146 IDU tested)		
<b>Reference</b>	(Odek-Ogunde, Okoth et al. 2004)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

High:

<b>Year</b>	2003		
<b>Method</b>	Sentinel surveillance- multi site (areas within the city known as converging places for drug users)		
<b>Sample type</b>	Single population- snowball technique within the community		
<b>Seroprev/self rpt</b>	Sero sample		
<b>N=</b>	101 IDU		
<b>Area</b>	Single city- Mombasa		
<b>Estimate</b>	49.5% (50/101)		
<b>Reference</b>	(Ndetei 2004)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	B

## **Lesotho**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Liberia***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## ***Madagascar***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	



## Malawi

### Prevalence of injecting drug use

<b>Year</b>	2004		
<b>Method</b>			
<b>N=</b>	1,185 Drug users		
<b>Area</b>	National		
<b>Estimate</b>	IDU reported to occur – extent not known (2.2% (26/1,185) of drug users were injecting drug users)		
<b>Reference</b>	(Bisika, Konyani et al. 2004)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No reports of HIV among IDU		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Mali**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Mauritania**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## Mauritius

### Prevalence of injecting drug use

Low:

<b>Year</b>	2004		
<b>Method</b>	Rapid Situation Assessment- Indirect: Consensus and indirect multiplier methods		
<b>N=</b>			
<b>Area</b>	National/ multi-population study (prison, treatment centres, street IDUs)		
<b>Estimate</b>	17,000 IDU		
<b>Reference</b>	(Sulliman, Ameerberg et al. 2004) (Abdool, Sulliman et al. 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	A

#### Calculations:

Prevalence (15-64years) = 17,000/ 846,000 = 2.009%

High:

<b>Year</b>	2004		
<b>Method</b>	Rapid Situation Assessment- Indirect: Consensus and indirect multiplier methods		
<b>N=</b>	NA		
<b>Area</b>	National/ multi-population study (prison, treatment centres, street IDUs)		
<b>Estimate</b>	18,000 IDU		
<b>Reference</b>	(Sulliman, Ameerberg et al. 2004) (Abdool, Sulliman et al. 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	A

#### Calculations:

Prevalence (15-64years) = 18,000/ 846,000 = 2.1277%

### Prevalence of HIV amongst people who inject drugs

<b>Year</b>	2004		
<b>Method</b>	Registry		
<b>Sample type</b>			
<b>Seroprev/self rpt</b>	seroprevalence		
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Abdool, Sulliman et al. 2006) (Sulliman, Ameerberg et al. 2004)		
<b>1° or 2° source</b>	secondary		
<b>Peer reviewed</b>	non peer reviewed	<b>Grade</b>	-

## **Mozambique**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Namibia**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## *Niger*

### Prevalence of injecting drug use

Year			
Method			
N=			
Area			
Estimate	No IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No HIV among IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	

## Nigeria

### Prevalence of injecting drug use

Year	2006		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Adelekan and Lawal 2006) (Lawal 2006)		
1° or 2° source			
Peer reviewed		Grade	-

### Prevalence of HIV amongst people who inject drugs

Low:

Year	2003		
Method	Rapid Assessment and Response		
Sample type	Single population- Snowball sampling of community IDU		
Seroprev/self rpt	Seroprevalence		
N=	11		
Area	Multi city study (Kano and Port Harcourt)		
Estimate	0% of those having 'ever injected'		
Reference	(Adelekan and Lawal 2006)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	B

High:

Year	2000		
Method	Rapid Assessment and Response		
Sample type	Single population- Snowball sampling of community IDU		
Seroprev/self rpt	Seroprevalence		
N=	79		
Area	Single city- Lagos		
Estimate	8.9% (7/79) 'ever injected', <b>11% (6/54) 'current injectors' [use as high]</b>		
Reference	(Adelekan and Lawal 2006)		
1° or 2° source	Secondary		
Peer reviewed	non peer reviewed	Grade	B

Within range:

Year	2005		
Method	Seroprevalence study as part of Rapid Assessment and Response		
Sample type	Single population- Snowball sampling of community IDU – all		
Seroprev/self rpt	Seroprevalence		
N=	127 IDU		
Area	5 city study (Benin, Calabar, Ibadan, Kaduna, Maiduguri)		
Estimate	7.9% (10/127) of those ever injected drugs		
Reference	(Lawal 2006)		
1° or 2° source	Primary		
Peer reviewed	non peer reviewed	Grade	B

NB: Because these three studies were each from 3 different geographic areas they were all considered and the range was reported.



## ***Republic of the Congo***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Rwanda**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Sao Tome and Principe**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Senegal**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>	yes	<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Seychelles***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Sierra Leone**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## ***Somalia***

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## South Africa

### Prevalence of injecting drug

Mid:

<b>Year</b>	2004		
<b>Method</b>	Population survey Community interviews- carried out in public places		
<b>N=</b>	2172		
<b>Area</b>	Three communities in one city (Cape Town) all with different ethnic/socioeconomic makeup		
<b>Estimate</b>	<b>19 (0.87%) reported ever having injected-</b> (range of 1.31%, 1.00%, 0.15% in each of the townships)		
<b>Reference</b>	(Kalichman, Simbayi et al. 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	B

### Prevalence of HIV amongst people who inject drugs

Low:

<b>Year</b>	2005		
<b>Method</b>	Sentinel surveillance		
<b>Sample type</b>	Single population- community		
<b>Seroprev/self rpt</b>	Seroprevalence		
<b>N=</b>	40 IDU		
<b>Area</b>	Multi city- Cape Town, Durban, Pretoria		
<b>Estimate</b>	4.8%		
<b>Reference</b>	(Parry, Carney et al. 2007)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	B

High:

<b>Year</b>	2006		
<b>Method</b>	Sentinel Surveillance		
<b>Sample type</b>	Single population- Snowball sampling of community members		
<b>Seroprev/self rpt</b>	Seroprevalance		
<b>N=</b>	55 IDU		
<b>Area</b>	Multi city (Durban, Cape Town, Pretoria)		
<b>Estimate</b>	20%		
<b>Reference</b>	(Parry, Nwanyanwu et al. 2006)		
<b>1° or 2° source</b>	Primary		
<b>Peer reviewed</b>	Yes	<b>Grade</b>	B



## Swaziland

### Prevalence of injecting drug use

Year			
Method			
N=			
Area			
Estimate	No IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No HIV among IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	

## **Togo**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## Uganda

### Prevalence of injecting drug use

Year	1988		
Method			
N=			
Area			
Estimate	IDU reported to occur – extent not known		
Reference	(Ball, Rana et al. 1998)		
1° or 2° source			
Peer reviewed	yes	Grade	-

### Prevalence of HIV amongst people who inject drugs

Year			
Method			
Sample type			
Seroprev/self rpt			
N=			
Area			
Estimate	No HIV among IDU reported		
Reference			
1° or 2° source			
Peer reviewed		Grade	-

## ***United Republic of Tanzania***

### **Prevalence of injecting drug use**

<b>Year</b>	2006		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Williams, McCurdy et al. 2007) (Timpson and et al 2006) (McCurdy, Ross et al. 2006) (Dewing, Plüddemann et al. 2006) (Dahoma, Salim et al. 2006)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>	2005		
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	HIV among IDU reported – extent not known		
<b>Reference</b>	(Williams, McCurdy et al. 2007) (Timpson and et al 2006) (McCurdy, Williams et al. 2005)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

## **Zambia**

### **Prevalence of injecting drug use**

<b>Year</b>	1998		
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	IDU reported to occur – extent not known		
<b>Reference</b>	(Ball, Rana et al. 1998)		
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	-

## **Zimbabwe**

### **Prevalence of injecting drug use**

<b>Year</b>			
<b>Method</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

### **Prevalence of HIV amongst people who inject drugs**

<b>Year</b>			
<b>Method</b>			
<b>Sample type</b>			
<b>Seroprev/self rpt</b>			
<b>N=</b>			
<b>Area</b>			
<b>Estimate</b>	No HIV among IDU reported		
<b>Reference</b>			
<b>1° or 2° source</b>			
<b>Peer reviewed</b>		<b>Grade</b>	

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