

This document was generated by the Reference Group to the United Nations on HIV and Injecting Drug Use.

The data included in this report reflect the results of a systematic search and review of data on a range of indicators reflecting the extent of services provided to people who inject drugs.

These data have been searched, reviewed and extracted according to decision rules developed by the Reference Group.

Some data have been adjusted to facilitate estimates of standard indicators across countries.

Details of the process for searching, grading and including data, along with their interpretation, are detailed in:

Mathers B, Degenhardt L, Ali H, Wiessing L, Hickman M, Mattick R, et al. HIV prevention, treatment and care for people who inject drugs: A systematic review of global, regional and national coverage. *The Lancet* 2010. DOI:10.1016/S0140-6736(10)60232-2.

For more information on the Reference Group, please go to: www.IDURefGroup.Com

Section	Page
Estimated number of people who inject drugs and number of injectors who are living with HIV	4
1. Needle and syringe programs (NSPs)	5
NSP 1: Availability of NSPs	
NSP 2: Number of NSP sites	
NSP 3: Number of pharmacy sites where needles and syringes are available for purchase	
NSP 4: Total number of sites where needles and syringes are available	
NSP 5: Number of individual IDUs in contact with NSPs in a 12 month period	
NSP 6: Number of NSP occasions of service (client contacts) in a 12 month period	
NSP 7: Number of needles and syringes distributed by NSPs in a 12 month period	
2. Opioid substitution programs (OST)	10
OST 1: Availability of opioid substitution treatment (OST)	
OST 2: Availability of methadone maintenance treatment (MMT)	
OST 3: Availability of buprenorphine maintenance treatment (BMT)	
OST 4: Availability of other forms of agonist OST	
OST 5: Dose and duration of MMT	
OST 6: Dose and duration of BMT	
OST 7: Total number of all sites providing OST	
OST 8: Number of sites providing MMT	
OST 9: Number of sites providing BMT	
OST 10: Number of sites providing other forms of agonist OST	
OST 11: Number of all clients in any OST at a single point in time	
OST 12: Number of all clients in MMT at a single point in time	
OST 13: Number of all clients in BMT at a single point in time	
OST 14: Number of all clients in other forms of OST at a single point in time	
OST 15: Number of IDUs in any OST at a single point in time	
OST 16: Number of IDUs in MMT at a single point in time	
OST 17: Number of IDUs in BMT at a single point in time	
OST 18: Number of IDUs in other forms of OST at a single point in time	
OST 19: Number of all clients receiving any OST in a 12 month period	
OST 20: Number of all clients receiving MMT in a 12 month period	
OST 21: Number of all clients receiving BMT in a 12 month period	
OST 22: Number of all clients receiving other forms of OST in a 12 month period	
OST 23: Number of IDUs receiving any OST in a 12 month period	
OST 24: Number of IDUs receiving MMT in a 12 month period	

Section	Page
OST 25: Number of IDUs receiving BMT in a 12 month period	
OST 26: Number of IDUs receiving other forms of OST in a 12 month period	
3. Other Drug Treatment (ODT)	25
<hr/>	
ODT 1: Detoxification	
ODT 1.1: Number of sites providing detoxification	
ODT 1.2: Number of IDUs receiving detoxification	
ODT 1.3: Number of all clients receiving detoxification in a 12 month period and/or at a single point in time	
ODT 2: Residential Rehabilitation	
ODT 2.1: Number of sites providing residential rehabilitation	
ODT 2.2: Number of IDUs in residential rehabilitation	
ODT 2.3: Number of all clients in residential rehabilitation	
ODT 3: Outpatient psychosocial support, counselling and psychotherapy	
ODT 3.1: Number of sites providing outpatient psychosocial support, counselling or psychotherapy	
ODT 3.2: Number of IDUs receiving outpatient psychosocial support, counselling or psychotherapy treatment	
ODT 3.3: Number of all clients receiving outpatient psychosocial support, counselling or psychotherapy treatment	
ODT 4: Peer-based support groups	
ODT 4.1: Number of sites providing peer-based support groups	
ODT 4.2: Number of IDUs in peer-based support groups	
ODT 4.3: Number of all clients in peer-based support groups	
ODT 5: Drug treatment (treatment type not specified)	
ODT 5.1: Number of sites providing unspecified drug treatment	
ODT 5.2: Number of IDUs receiving unspecified drug treatment	
ODT 5.3: Number of all clients receiving unspecified drug treatment	
ODT 6: Drug treatment in prisons	
ODT 6.1: Number of drug treatment sites located in prisons	
ODT 6.2: Number of IDUs receiving drug treatment in prisons	
ODT 6.3: Number of all clients receiving drug treatment in prisons	
ODT 7: Compulsory drug treatment	
ODT 7.1: Number of compulsory detention sites for drug use	
ODT 7.2: Number of IDUs in compulsory detention sites for drug use	
ODT 7.3: Number of all drug users in compulsory detention sites for drug use	
4. HIV testing and counselling (T&C)	39
<hr/>	
T&C 1: Availability of HIV T&C	
T&C 2: Number of sites providing HIV T&C that specifically targets IDUs	

Section	Page
T&C 3: Number of T&C sites providing HIV T& to the general population and also accessible to IDUs	
T&C 4: Number of individual IDUs who were tested for HIV in a 12 month period	
T&C 5: Percentage of IDUs who were tested for HIV in a 12 month period and who know the result	
5. Anti-retro-viral (ARV) treatment	42
<hr/>	
ARV 1: Number of sites providing ARV treatment	
ARV 2: Number of IDUs receiving ARVs at a single point in time	
ARV 3: Restrictions on IDUs' access to ARVs	
6. Condoms	45
<hr/>	
Condoms 1: Availability of condom programs targeting IDUs	
Condoms 2: Number of sites distributing condoms to IDUs	
Condoms 3: Number of individual IDUs receiving condoms	
Condoms 4: Number of condoms distributed to IDUs	

Thailand (East and South East Asia)

Estimated number of people who inject drugs and number of injectors who are living with HIV

Estimated prevalence of IDU among general population aged 15-64 years (%)	Low	Mid	High
	0.28	0.38	0.49
Year of IDU prevalence estimate	2001		
Reference for IDU prevalence estimate	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
Estimated prevalence of HIV among people who inject (%)	Low	Mid	High
	27.77	42.5	61.23
Year of HIV prevalence among IDU estimate	2004		
Reference for HIV prevalence among IDU estimate	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age in 2008	47 573 583 (source: UN Population Division, 2009)		
Estimated IDU population in 2008	Low	Mid	High
	131 500	178 500	233 000
Estimated number of IDUs living with HIV in 2008	Low	Mid	High
	36513	75862	142668

1. Needle and syringe programs (NSPs)

NSP 1: Availability of NSPs

Are NSPs available?	Yes
Comments	
Most recent year of documentation	2009
Reference	See references for other NSP indicators
When were NSPs first introduced?	1993
Reference	Canadian HiV/AIDS Legal Network (2009). Sterile syringe programs. Drug use and HiV/AIDS in Thailand.
Are needles and syringes available for purchase from pharmacies?	Yes
Most recent year of documentation	2008
Reference	Cook, C. and N. Kanaef (2008). Global state of harm reduction 2008: Mapping the response to drug related HIV and hepatitis C epidemics. London, International Harm Reduction Association,.

NSP 2: Number of NSP sites

Data reported	10 NSP sites		
Year of reported data	2009		
Reference	<p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	10		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of NSP sites per 1000 IDUs	Low	Mid	High
	0.04	0.06	0.08

NSP 3: Number of pharmacy sites where needles and syringes are available for purchase

Data reported	Needles and syringes available for purchase from pharmacies but number of sites not available		
Year of reported data	2008		
Reference	Cook, C. and N. Kanaef (2008). Global state of harm reduction 2008: Mapping the response to drug related HIV and hepatitis C epidemics. London, International Harm Reduction Association,.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	2001		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Number of pharmacy sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

NSP 4: Total number of sites where needles and syringes are available

Total number (NSP sites + Pharmacy sites)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data	(source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Total number of sites per 1000 IDUs	Low	Mid	High

NSP 5: Number of individual IDUs in contact with NSPs in a 12 month period

Data reported	413 IDUs accessed NSPs		
Year of reported data	2008		
Reference	Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments	Assumed individual number of clients accessing services		
Final/Adjusted data (to be used as indicator numerator)	413		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs in contact with NSPs in a 12 month period	Low	Mid	High
	0.2	0.2	0.3

NSP 6: Number of NSP occasions of service (client contacts) in a 12 month period

Data reported	NSP present but number not known		
Year of reported data	2008		
Reference	Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Number of NSP occasions of service (client contacts) in a 12 month period per IDU	Low	Mid	High
	NK	NK	NK

NSP 7: Number of needles and syringes distributed by NSPs in a 12 month period

Data reported	47 513 needles/syringes distributed		
Year of reported data	2008		
Reference	<p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	47 513		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Total number of needles/syringes distributed in a 12 month period per IDU	Low	Mid	High
	0.20	0.3	0.36

NSP: All documents reviewed

Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.

Canadian HIV/AIDS Legal Network (2009). Sterile syringe programs. Drug use and HIV/AIDS in Thailand.

Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.

Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.

Devaney, M., Reid, G. and Baldwin, S. (2006). Situational analysis of illicit drug issues and responses in the Asia-Pacific region. ANCD Research Papers. J. Stokes. Canberra, Australian National Council on Drugs: 215.

Human Rights Watch (2004). "HIV/AIDS and other health impacts of the war on drugs ". Retrieved 30th November, 2008, from <http://www.hrw.org/en/node/12005/section/7>.

Human Rights Watch (2004). Not Enough Graves: The War on Drugs, HIV/AIDS, and Violations of Human Rights. A Human Rights Watch Report 16(8(C)). New York, HRW.

Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).

UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).

USAID (2007). Understanding service utilization practices of most-at-risk populations accessing a minimum package of HIV/AIDS prevention interventions (DRAFT - Not for circulation).

WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.

2. Opioid substitution treatment (OST)**OST 1: Availability of opioid substitution treatment (OST)**

Are any forms of agonist OST available?	Yes
Comments	
Most recent year of documentation	2009
Reference	See references for other OST indicators
When was agonist OST first available?	
Reference	

OST 2: Availability of methadone maintenance treatment (MMT)

Is MMT available?	Yes
Comments	
Most recent year of documentation	2009
Reference	See references for other OST indicators
When was MMT first available?	
Reference	

OST 3: Availability of buprenorphine maintenance treatment (BMT)

Is BMT available?	Yes
Comments	
Most recent year of documentation	2009
Reference	See references for other OST indicators
When was BMT first available?	
Reference	

OST 4: Availability of other forms of agonist OST

Are other forms of OST available?	
Comments	
Most recent year of documentation	
Reference	
When were other forms of OST first available?	
Reference	

OST 5: Dose and duration of MMT

Average/standard maintenance dose of MMT	
Comments	
Year	
Reference	
Average/standard duration of MMT (range)	2 years
Comments	Ministry of public health policy - Maximum duration of MMT is 2 years
Year	2004
Reference	Human Rights Watch (2004). "HIV/AIDS and other health impacts of the war on drugs ". Retrieved 30th November, 2008, from http://www.hrw.org/en/node/12005/section/7 .

OST 6: Dose and duration of BMT

Average/standard maintenance dose of BMT	
Comments	
Year	
Reference	
Average/standard duration of BMT (range)	
Comments	
Year	
Reference	

OST 7: Total number of all sites providing OST

Data reported	147 MMT sites 1 MMT site also offering BMT		
Year of reported data	2009		
Reference	<p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	147		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of OST sites per 1000 IDUs	Low	Mid	High
	0.63	0.82	1.11

OST 8: Number of sites providing MMT

Data reported	147 MMT sites		
Year of reported data	2009		
Reference	<p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	147		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of MMT sites per 1000 IDUs	Low	Mid	High
	0.63	0.82	1.11

OST 9: Number of sites providing BMT

Data reported	Suboxone as pilot study at the methadone clinic of the Faculty of Medicine, Ching Mai University.		
Year of reported data	2009		
Reference	<p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	1		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of BMT sites per 1000 IDUs	Low	Mid	High
	0.00	0.01	0.01

OST 10: Number of sites providing other forms of agonist OST

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Number of sites providing other forms of OST per 1000 IDUs	Low	Mid	High

OST 11: Number of all clients in any OST at a single point in time

Data reported	OST available but number of clients on OST not known		
Year of reported data	2009		
Reference	<p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." <i>The Lancet</i> 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on any OST at census date : 100 IDUs	Low	Mid	High
	NK	NK	NK

OST 12: Number of all clients in MMT at a single point in time

Data reported	MMT available but number of clients not known		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication). Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on MMT at census date : 100 IDUs	Low	Mid	High
	NK	NK	NK

OST 13: Number of all clients in BMT at a single point in time

Data reported	BMT available but number of clients not known		
Year of reported data	2009		
Reference	Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on BMT at census date : 100 IDUs	Low	Mid	High
	NK	NK	NK

OST 14: Number of all clients in other forms of OST at a single point in time

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on other forms of OST at census date : 100 IDUs	Low	Mid	High

OST 15: Number of IDUs in any OST at a single point in time

Data reported	OST available but number of IDU on OST not known		
Year of reported data	2008		
Reference	<p>Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs in OST at a single point in time	Low	Mid	High
	NK	NK	NK

OST 16: Number of IDUs in MMT at a single point in time

Data reported	MMT available but number of IDUs not known		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication). Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs in MMT at a single point in time	Low	Mid	High
	NK	NK	NK

OST 17: Number of IDUs in BMT at a single point in time

Data reported	BMT available but number of IDUs receiving BMT not known		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs in BMT at a single point in time	Low	Mid	High
	NK	NK	NK

OST 18: Number of IDUs in other forms of OST at a single point in time

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Percentage of IDUs in other forms of OST at a single point in time	Low	Mid	High

OST 19: Number of all clients receiving any OST in a 12 month period

Data reported	4000-4546 clients in MMT 150 clients in BMT		
Year of reported data	2008		
Reference	<p>Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments	<p>Assumed mutually exclusive</p> <p>Assuming figures correct for same time period</p> <p>Assumed total number of clients enrolled in OST throughout 2008</p>		
Final/Adjusted data (to be used as indicator numerator)	4150 - 4696		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on any OST in a 12 month period : 100 IDUs	Low	Mid	High
	1.78	2.48	3.57

OST 20: Number of all clients receiving MMT in a 12 month period

Data reported	4000 clients in MMT 4546 clients in MMT		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication). Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments	Figures taken as a range Assumed total number of clients enrolled in MMT throughout 2008		
Final/Adjusted data (to be used as indicator numerator)	4000 - 4546		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on MMT in a 12 month period : 100 IDUs	Low	Mid	High
	1.72	2.39	3.46

OST 21: Number of all clients receiving BMT in a 12 month period

Data reported	150 clients in BMT		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).		
Adjustments	Assumed total number of clients enrolled in BMT throughout 2008		
Final/Adjusted data (to be used as indicator numerator)	150		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on BMT in a 12 month period : 100 IDUs	Low	Mid	High
	0.06	0.08	0.11

OST 22: Number of all clients receiving other forms of OST in a 12 month period

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on other forms of OST in a 12 month period : 100 IDUs	Low	Mid	High

OST 23: Number of IDUs receiving any OST in a 12 month period

Data reported	OST available but number of IDU on OST not known		
Year of reported data	2008		
Reference	<p>Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).</p> <p>Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p> <p>Brenny, P. UNAIDS. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	<p>Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745.</p> <p>Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.</p>		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs receiving OST in a 12 month period	Low	Mid	High
	NK	NK	NK

OST 24: Number of IDUs receiving MMT in a 12 month period

Data reported	MMT available but number of IDUs not known		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication). Department of disease control Ministry of Public Health Thailand. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - Thailand". Thailand, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 8 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs receiving MMT in a 12 month period	Low	Mid	High
	NK	NK	NK

OST 25: Number of IDUs receiving BMT in a 12 month period

Data reported	BMT available but number of IDUs receiving BMT not known		
Year of reported data	2008		
Reference	Sharma, M., E. Oppenheimer, et al. (2009). "A situation update on HIV epidemics among people who inject drugs and national responses in South-East Asia Region." AIDS (Accepted for publication).		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs receiving BMT in a 12 month period	Low	Mid	High
	NK	NK	NK

OST 26: Number of IDUs receiving other forms of OST in a 12 month period

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Percentage of IDUs receiving other forms of OST at a single point in time	Low	Mid	High

OST: All documents reviewed

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3. Other drug treatment (ODT)**ODT 1 - Detoxification****ODT 1.1: Number of sites providing detoxification**

Is detoxification available?			
Number of sites - data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Number of detoxification sites per 1000 IDUs	Low	Mid	High

ODT 1.2: Number of IDUs receiving detoxification

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)			
Final/Adjusted data for single point in time (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Percentage of IDUs in detoxification in a 12 month period	Low	Mid	High
INDICATOR: Percentage of IDUs in detoxification at a single point in time	Low	Mid	High

ODT 1.3: Number of all clients receiving detoxification in a 12 month period and/or at a single point in time

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)			
Final/Adjusted data for single point in time (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Ratio of number of all clients in detoxification in a 12 month period : number of IDUs	Low	Mid	High
INDICATOR: Ratio of number of all clients in detoxification at a single point in time : number of IDUs	Low	Mid	High

ODT 2 - Residential rehabilitation

ODT 2.1: Number of sites providing residential rehabilitation

Is residential rehabilitation present?	Yes		
Number of sites - data reported	899 voluntary rehabilitation sites		
Year of reported data	2009		
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	899		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 934 289 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of residential rehabilitation sites per 1000 IDUs	Low	Mid	High
	3.83	4.99	6.78

ODT 2.2: Number of IDUs in residential rehabilitation

Data reported	Residential rehabilitation present but number not known		
Year of reported data	2009		
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 934 289 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Percentage of IDUs in residential rehabilitation in a 12 month period	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs in residential rehabilitation at a single point in time	Low	Mid	High
	NK	NK	NK

ODT 2.3: Number of all clients in residential rehabilitation

Data reported	Residential rehabilitation present but number not known		
Year of reported data	2009		
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 934 289 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Ratio of number of all drug users in residential rehabilitation in a 12 month period : number of IDUs	Low	Mid	High
	NK	NK	NK
INDICATOR: Ratio of number of all drug users in residential rehabilitation at a single point in time : number of IDUs	Low	Mid	High
	NK	NK	NK

ODT 3 - Outpatient psychosocial support, counselling and psychotherapy

ODT 3.1: Number of sites providing outpatient psychosocial support, counselling or psychotherapy treatment

Is outpatient psychosocial support, counselling or psychotherapy present?			
Number of sites - data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Number of outpatient psychosocial support, counselling or psychotherapy sites per 1000 IDUs	Low	Mid	High

ODT 3.2: Number of IDUs receiving outpatient psychosocial support, counselling or psychotherapy treatment

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)			
Final/Adjusted data for single point in time (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Percentage of IDUs in outpatient psychosocial support, counselling or psychotherapy in a 12 month period	Low	Mid	High
INDICATOR: Percentage of IDUs receiving outpatient psychosocial support, counselling or psychotherapy at a single point in time	Low	Mid	High

ODT 3.3: Number of all clients receiving outpatient psychosocial support, counselling or psychotherapy treatment

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)			
Final/Adjusted data for single point in time (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Ratio of number of all drug users in outpatient psychosocial support, counselling or psychotherapy in a 12 month period : number of IDUs	Low	Mid	High
INDICATOR: Ratio of number of all drug users in outpatient psychosocial support, counselling or psychotherapy at a single point in time : number of IDUs	Low	Mid	High

ODT 4 - Peer-based support groups

ODT 4.1: Number of peer-based support groups sites

Are Peer-based support groups present?	Yes		
Number of sites - data reported	15 NA meetings per week		
Year of reported data	2008		
Reference	Narcotics Anonymous World Services (2009). Quadrennial report for non-governmental organizations - July 2009.		
Adjustments	Assumed each meeting per week occurs at a separate location		
Final/Adjusted data (to be used as indicator numerator)	15		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Number of peer-based support groups sites per 1000 IDUs	Low	Mid	High
	0.06	0.08	0.11

ODT 4.2: Number of IDUs in peer-based support groups

Data reported	Narcotics Anonymous present but number not known		
Year of reported data	2008		
Reference	Narcotics Anonymous World Services (2009). Quadrennial report for non-governmental organizations - July 2009.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Percentage of IDUs in peer-based support groups in a 12 month period	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs in peer-based support groups at a single point in time	Low	Mid	High
	NK	NK	NK

ODT 4.3: Number of all clients in peer-based support groups

Data reported	Narcotics Anonymous present but number not known		
Year of reported data	2008		
Reference	Narcotics Anonymous World Services (2009). Quadrennial report for non-governmental organizations - July 2009.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 null		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of number of all drug users in peer-based support groups in a 12 month period : number of IDUs	Low	Mid	High
	NK	NK	NK
INDICATOR: Ratio of number of all drug users in peer-based support groups at a single point in time : number of IDUs	Low	Mid	High
	NK	null	null

ODT 5 - Drug treatment (treatment type not specified)

ODT 5.1: Number of drug treatment sites (treatment type not specified)

Type of drug treatment available	Unspecified		
Number of sites - data reported	640 registered public and private treatment centres, many of them hospital based		
Year of reported data	2004		
Reference	Human Rights Watch (2004). Not Enough Graves: The War on Drugs, HIV/AIDS, and Violations of Human Rights. A Human Rights Watch Report 16(8(C)). New York, HRW.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	640		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	45 493 178 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	125 500	170 500	223 000
INDICATOR: Number of drug treatment sites per 1000 IDUs	Low	Mid	High
	2.87	3.75	5.10

ODT 5.2: Number of IDUs in drug treatment (treatment type not specified)

Data reported	Drug treatment available but number of IDUs in treatment not known		
Year of reported data	2004		
Reference	Human Rights Watch (2004). Not Enough Graves: The War on Drugs, HIV/AIDS, and Violations of Human Rights. A Human Rights Watch Report 16(8(C)). New York, HRW.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	45 493 178 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	125 500	170 500	223 000
INDICATOR: Percentage of IDUs in drug treatment not specified/drug treatment combined in a 12 month period	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs in drug treatment not specified/drug treatment combined at a single point in time	Low	Mid	High
	NK	NK	NK

ODT 5.3: Number of all clients in drug treatment (treatment type not specified)

Data reported	Drug treatment available but number of clients in treatment not known		
Year of reported data	2004		
Reference	Human Rights Watch (2004). Not Enough Graves: The War on Drugs, HIV/AIDS, and Violations of Human Rights. A Human Rights Watch Report 16(8(C)). New York, HRW.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	NK		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	45 493 178 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	125 500	170 500	223 000
INDICATOR: Ratio of number of all drug users in drug treatment not specified/drug treatment combined in a 12 month period : number of IDUs	Low	Mid	High
	NK	NK	NK
INDICATOR: Ratio of number of all drug users in drug treatment not specified/drug treatment combined at a single point in time : number of IDUs	Low	Mid	High
	NK	NK	NK

ODT 6 - Drug treatment in prisons

ODT 6.1: Number of prison drug treatment sites

Type of drug treatment in prisons?	Rehabilitation available
Number of sites - data reported	94 correctional rehabilitation sites
Year of reported data	2009
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.
Adjustments	
Final/Adjusted data	94

ODT 6.2: Number of IDUs in drug treatment in prisons

Data reported	Drug treatment in prisons available but number of IDUs in treatment not known
Year of reported data	2008
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.
Adjustments	
Final/Adjusted data for 12 month period	NK
Final/Adjusted data for single point in time	NK

ODT 6.3: Number of all clients in drug treatment in prisons

Data reported	Drug treatment in prisons available but number of IDUs in treatment not known
Year of reported data	2008
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.
Adjustments	
Final/Adjusted data for 12 month period	NK
Final/Adjusted data for single point in time	NK

ODT 7 - Compulsory detention as response to drug use

ODT 7.1: Number of compulsory detention sites for drug use

Number of sites - data reported	90 compulsory rehabilitation sites		
Year of reported data	2009		
Reference	Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	90		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 934 289 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	132 500	180 000	235 000
INDICATOR: Number of compulsory detention sites for drug use per 1000 IDUs	Low	Mid	High
	0.38	0.50	0.68

ODT 7.2: Number of IDUs in compulsory detention sites for drug use

Data reported	2358 IDUs in compulsory drug treatment centres [No information in whether number of clients at single point in time (i.e. Census date) or over a period of time]		
Year of reported data	2006		
Reference	UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	2358		
Final/Adjusted data for single point in time (to be used as indicator numerator)	2358		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	46 686 682 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	129 000	175 000	229 000
INDICATOR: Percentage of IDUs in compulsory detention in closed settings in a 12 month period	Low	Mid	High
	1.03	1.35	1.83
INDICATOR: Percentage of IDUs in compulsory detention in closed settings at a single point in time	Low	Mid	High
	1.03	1.35	1.83

ODT 7.3: Number of all drug users in compulsory detention sites for drug use

Data reported	10023 clients in custodial rehabilitation programs 30 657 clients in non-custodial rehabilitation programs		
Year of reported data	2008		
Reference	Canadian HIV/AIDS Legal Network (2009). Compulsory drug treatment in Thailand: Observations on Narcotic Addict Rehabilitation Act B.E. 2545 (2002) Toronto.		
Adjustments			
Final/Adjusted data for 12 month period (to be used as indicator numerator)	40 680		
Final/Adjusted data for single point in time (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Ratio of all drug users in compulsory detention in closed settings in a 12 month period : number of IDUs	Low	Mid	High
	0.17	0.23	0.31
INDICATOR: Ratio of all drug users in compulsory detention in closed settings at a single point in time : number of IDUs	Low	Mid	High
	NK	NK	

ODT: All documents reviewed

Aramrattana, A. (2008). New Methamphetamine Epidemic in Thailand. 1st Global Methamphetamine Conference. Prague, Czech Republic.

ASEAN and China Cooperative Operations in Response to Dangerous Drugs (ACCORD) (2006). Thailand. Country Summary.

Barrett, D., R. Lines, et al. (2008). Recalibrating the Regime: The Need for a Human Rights-based Approach to International Drug Policy. Oxford, Human Rights Watch, the International Harm Reduction Association and the Canadian HIV/AIDS Legal Network. .

Canadian HIV/AIDS Legal Network (2009). Compulsory drug treatment in Thailand: Observations on Narcotic Addict Rehabilitation Act B.E, 2545 (2002) Toronto.

Devaney, M., Reid, G. and Baldwin, S. (2006). Situational analysis of illicit drug issues and responses in the Asia-Pacific region. ANCD Research Papers. J. Stokes. Canberra, Australian National Council on Drugs: 215.

Human Rights Watch (2004). "HIV/AIDS and other health impacts of the war on drugs ". Retrieved 30th November, 2008, from <http://www.hrw.org/en/node/12005/section/7>.

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Human Rights Watch and Thai AIDS Treatment Action Group (2007). Deadly denial - Barriers to HIV/AIDS treatment for people who use drugs in Thailand. 19.

International Harm Reduction Association (IHRA) (2007). Conference abstracts book. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland.

Kanika Piromrat Directorate of Medical Services Royal Thai Air Force (2009). RTAF Youth Rehabilitation Center.

Monitoring AIDS Pandemic Network (2005). MAP Report 2005: Drug injection and HIV/AIDS in Asia.

Needle, R., D. Burrows, et al. (2005). "Effectiveness of community-based outreach in preventing HIV/AIDS among injecting drug users." International Journal of Drug Policy 16(Supplement 1): S45-S57.

UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).

UNODC Regional Centre for East Asia and the Pacific (2006). HIV/AIDS and custodial settings in South East Asia - An exploratory review into the issues of HIV/AIDS and custodial settings in Cambodia, China, Lao PDR, Myanmar, Thailand and Viet Nam. Thailand.

USAID (2007). Understanding service utilization practices of most-at-risk populations accessing a minimum package of HIV/AIDS prevention interventions (DRAFT - Not for circulation).

Wattana, W., F. van Griensven, et al. (2007). "Respondent-driven sampling to assess characteristics and estimate the number of injection drug users in Bangkok, Thailand." Drug and Alcohol Dependence 90(2-3): 228-233.

4. HIV testing and counselling (T&C)

T&C 1: Availability of HIV T&C

Is T&C available?	Yes
Most recent year of data	2008
Reference	Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.

T&C 2: Number of sites providing HIV T&C specifically targeting IDUs

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	0	0	0
INDICATOR: Number of targeted T&C sites per 1000 IDUs	Low	Mid	High

T&C 3: Number of sites providing HIV T&C sites to the general population and also accessible to IDUs

Data reported	VCT available but number not known		
Year of reported data	2008		
Reference	Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." <i>The Lancet</i> 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
INDICATOR: Number of all T&C sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

T&C 4: Number of Individual IDUs who were tested for HIV in 12 month period

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	0	0	0
INDICATOR: Percentage of individual IDUs accessing T&Cs in a 12 month period	Low	Mid	High

T&C 5: Percentage of IDUs who were tested for HIV in a 12 month period and who know the result

Year of reported data	
Reference	
Data reported for both male and female IDUs	
Adjustments	
Final/Adjusted data	
Data reported for male IDUs	
Adjustments	
Final/Adjusted data	
Data reported for female IDUs	
Adjustments	
Final/Adjusted data	

T&C: All documents reviewed

Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.

Family Health International (2007). Thailand Final Report October 2002–September 2007 for USAID's Implementing AIDS Prevention and Care (IMPACT) Project. Arlington VA: 76.

International Harm Reduction Association (IHRA) (2007). Conference abstracts book. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland.

Kawichai, S., D. D. Celentano, et al. (2006). "HIV voluntary counseling and testing and HIV incidence in male injecting drug users in northern Thailand: evidence of an urgent need for HIV prevention." *Journal of Acquired Immune Deficiency Syndromes: JAIDS* 41(2): 186-93.

Silva, P. (2007) Experts warn that police abuse is fueling HIV epidemic among injecting drug users cooperation between law enforcement, health services urgently needed.

UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).

USAID (2007). Understanding service utilization practices of most-at-risk populations accessing a minimum package of HIV/AIDS prevention interventions (DRAFT - Not for circulation).

Verachai, V. (2007). HIV prevention programme related Injecting Drug Users 2007, Thanyarak Institute, Thailand.

5. Anti-retro-viral (ARV) treatment**ARV 1: Number of sites providing ARV treatment**

Data reported	1014 sites		
Year of reported data	2008		
Reference	WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	1014		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 573 583 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	131 500	178 500	233 000
HIV among IDU prevalence estimate (%)	Low	Mid	High
	27.77	42.50	61.23
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
Estimated number of HIV positive IDUs at year of reported data (to be used as indicator)	Low	Mid	High
	36513	75862	142668
INDICATOR: Number of ARV treatment sites per 1000 IDUs	Low	Mid	High
	4.35	5.68	7.71
INDICATOR: Number of ARV treatment sites per 1000 IDUs living with HIV	Low	Mid	High
	7.11	13.37	27.77

ARV 2: Number of IDUs receiving ARVs at a single point in time

Data reported	143 539 people received ART of whom <1% are IDUs		
Year of reported data	2007		
Reference	UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	1435		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 163 634 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	130 000	177 000	231 000
HIV among IDU prevalence estimate (%)	Low	Mid	High
	27.77	42.50	61.23
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
Estimated number of HIV positive IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	36097	75 225	141444
INDICATOR: Ratio of IDUs on ART: 100 IDUs living with HIV	Low	Mid	High
	1.01	1.91	3.98

ARV 3: Restrictions on IDUs' access to ARVs

Do restrictions exist which limit IDUs' access to ARV treatment?	
Year of reported data	
Reference	

ARV: All documents reviewed

Asian Harm Reduction Network (AHRN) (2004). Scaling up provision of anti-retrovirals to injecting drug users and non-injecting drug users in Asia: World Health Organization "3 x 5" initiative, Asian Harm Reduction Network (AHRN).

Barrett, D., R. Lines, et al. (2008). Recalibrating the Regime: The Need for a Human Rights-based Approach to International Drug Policy. Oxford, Human Rights Watch, the International Harm Reduction Association and the Canadian HIV/AIDS Legal Network. .

Human Rights Watch and Thai AIDS Treatment Action Group (2007). Deadly denial - Barriers to HIV/AIDS treatment for people who use drugs in Thailand. 19.

International Harm Reduction Association (IHRA) (2007). Conference abstracts book. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland.

UN Regional Task Force on Injecting Drug Use and HIV/AIDS for Asia and the Pacific (2009). Thailand country advocacy brief - Injecting drug use and HIV/AIDS (Draft).

WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.

6. Condoms

Condoms 1: Availability of condom programs targeting IDUs

Are condom programs targeting IDUs available?	Yes
Comments	
Year	2007
Reference	Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.

Condoms 2: Number of sites distributing condoms to IDUs

Data reported	Condom programs for IDUs present but number not known		
Year of reported data	2007		
Reference	Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 163 634 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	130 000	177 000	231 000
INDICATOR: Number of condom distribution sites targeting IDU per 1000 IDUs	Low	Mid	High
	NK	NK	NK

Condoms 3: Number of individual IDUs receiving condoms

Data reported			
Year of reported data			
Reference			
Adjustments			
Final/Adjusted data (to be used as indicator numerator)			
IDU prevalence estimate (%)	Low	Mid	High
Reference			
General population 15-64 years of age at year of reported data			
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
INDICATOR: Percentage of IDUs receiving condoms in a 12 month period	Low	Mid	High

Condoms 4: Number of condoms distributed to IDUs

Data reported	Condom programs for IDUs present but number not known		
Year of reported data	2007		
Reference	Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.28	0.38	0.49
Reference	Mathers, B., L. Degenhardt, et al. (2008). "Global epidemiology of injecting drug use and HIV among people who inject drugs: a systematic review." The Lancet 372(9651): 1733-1745. Upper and lower bounds of range are estimates only, these were calculated as per the methods outlined in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	47 163 634 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	130 000	177 000	231 000
INDICATOR: Total number of condoms distributed per 12 month period per IDU	Low	Mid	High
	NK	NK	NK

Condoms: All documents reviewed

Country coordinating mechanism - Thailand (2008). Comprehensive HIV Prevention Among MARPs by Promoting Integrated Outreach and Networking (CHAMPION). Nonthaburi: 90.

Family Health International (2007). Asia regional program final report. Arlington VA: 65.

USAID (2007). Understanding service utilization practices of most-at-risk populations accessing a minimum package of HIV/AIDS prevention interventions (DRAFT - Not for circulation).

Verachai, V. (2007). HIV prevention programme related Injecting Drug Users 2007, Thanyarak Institute, Thailand.