

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:
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Kazakhstan (Central 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
	0.70	0.96	1.25
Year of IDU prevalence estimate	2006		
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
	8	9.2	10.4
Year of HIV prevalence among IDU estimate	2005		
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.		
General population 15-64 years of age in 2008	10 701 857 (source: UN Population Division, 2009)		
Estimated IDU population in 2008	Low	Mid	High
	75 500	102 500	134 000
Estimated number of IDUs living with HIV in 2008	Low	Mid	High
	6040	9430	13 936

1. Needle and syringe programs (NSPs)

NSP 1: Availability of NSPs

Are NSPs available?	Yes
Comments	
Most recent year of documentation	2007
Reference	See references for other NSP indicators
When were NSPs first introduced?	
Reference	
Are needles and syringes available for purchase from pharmacies?	
Most recent year of documentation	
Reference	

NSP 2: Number of NSP sites

Data reported	159 sites		
Year of reported data	2009		
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)	159		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Number of NSP sites per 1000 IDUs	Low	Mid	High
	1.17	1.54	2.09

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

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 pharmacy sites per 1000 IDUs	Low	Mid	High

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			
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	37 310 IDUs visited trust points in 2007 [No information whether the count refers to individual clients or occasions of service]		
Year of reported data	2007		
Reference	Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.		
Adjustments	Assumed individual clients		
Final/Adjusted data (to be used as indicator numerator)	37 310		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Percentage of IDUs in contact with NSPs in a 12 month period	Low	Mid	High
	28.2	36.8	50.1

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	2007		
Reference	Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
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	15 032 962 syringes distributed		
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)	15 302 962		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 701 857 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	75 500	102 500	134 000
INDICATOR: Total number of needles/syringes distributed in a 12 month period per IDU	Low	Mid	High
	114.20	149.3	202.69

NSP: All documents reviewed

Aceijas, C., M. Hickman, et al. (2007). "Access and coverage of needle and syringe programmes (NSP) in Central and Eastern Europe and Central Asia.[see comment]." *Addiction* 102(8): 1244-50.

AVERT. (2008). "HIV and AIDS in Russian Eastern Europe & Central Asia." Retrieved 30 November, 2008, from <http://www.avert.org/aids-russia.htm>

Country coordinating mechanism - Kazakhstan (2007). Proposal form - round 7. Almaty: 159

Godinho, J., T. Novotny, et al. (2004). HIV/AIDS and Tuberculosis in Central Asia. Working Paper No. 20. The World Bank. Washington, DC.

Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.

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

National center for AIDS prevention and control (2006). The epidemiological situation HIV / AIDS and the results of sentinel surveillance among injecting drug users in 2006.

Republican center for prophylactics and control of AIDS (2008). Assistance and support to safer behavior choices among vulnerable population groups (injecting drug users, commercial sex workers, youth), assistance and support to people living with HIV/AIDS. Almaty.

UNAIDS (2008). Eastern Europe and Central Asia mapping prevention interventions in the CIS region.

UNODC (2008). Analysis of national legislation to ensure the availability of HIV prevention and treatment for drug users and persons in detention.

WHO and UNAIDS (2008). Progress on implementing the Dublin Declaration on partnership to fight HIV/AIDS in Europe & Central Asia WHO.

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?	2008
Reference	Eurasian Harm Reduction Network (2009). January 2009 EHRN news.

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?	2008
Reference	Eurasian Harm Reduction Network (2009). January 2009 EHRN news.

OST 3: Availability of buprenorphine maintenance treatment (BMT)

Is BMT available?	No
Comments	
Most recent year of documentation	2009
Reference	UNODC (2009). Status of OST provision and plans for 2010.
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)	
Comments	
Year	
Reference	

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	2 Pilot MMT programs 0 BMT		
Year of reported data	2009		
Reference	Eurasian Harm Reduction Network (2009). January 2009 EHRN news. UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	2		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Number of OST sites per 1000 IDUs	Low	Mid	High
	0.01	0.02	0.03

OST 8: Number of sites providing MMT

Data reported	Pilot MMT program operating in two cities Temiratu and Pavlodar		
Year of reported data	2009		
Reference	Eurasian Harm Reduction Network (2009). January 2009 EHRN news. UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments	Assumed 1 site in each city		
Final/Adjusted data (to be used as indicator numerator)	2		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Number of MMT sites per 1000 IDUs	Low	Mid	High
	0.01	0.02	0.03

OST 9: Number of sites providing BMT

Data reported	BMT not available		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Number of BMT sites per 1000 IDUs	Low	Mid	High
	0	0	0

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	50 clients in MMT		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	50		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on any OST at census date : 100 IDUs	Low	Mid	High
	0.04	0.05	0.07

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

Data reported	50 clients in MMT		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	50		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on MMT at census date : 100 IDUs	Low	Mid	High
	0.04	0.05	0.07

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

Data reported	BMT not available		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Ratio of total number of all clients (including IDUs and non-IDUs) on BMT at census date : 100 IDUs	Low	Mid	High
	0	0	0

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	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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 not available		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Percentage of IDUs in BMT at a single point in time	Low	Mid	High
	0	0	0

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	OST available but number of clients on OST not known		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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
	NK	NK	NK

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

Data reported	MMT available but number of clients not known		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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
	NK	NK	NK

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

Data reported	BMT not available		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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	0	0

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	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
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 not available		
Year of reported data	2009		
Reference	UNODC (2009). Status of OST provision and plans for 2010.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
INDICATOR: Percentage of IDUs receiving BMT in a 12 month period	Low	Mid	High
	0	0	0

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?	Yes		
Number of sites - data reported	Detoxification available but number not known		
Year of reported data	2005		
Reference	<p>Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.</p> <p>Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.</p>		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 305 141 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	72 500	98 500	129 000
INDICATOR: Number of detoxification sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

ODT 1.2: Number of IDUs receiving detoxification

Data reported	Detoxification available but number not known		
Year of reported data	2005		
Reference	<p>Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.</p> <p>Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.</p>		
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
	0.70	0.96	1.25
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	10 305 141 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	72 500	98 500	129 000
INDICATOR: Percentage of IDUs in detoxification in a 12 month period	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs in detoxification at a single point in time	Low	Mid	High
	NK	NK	NK

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

Data reported	Detoxification available but number not known		
Year of reported data	2005		
Reference	<p>Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.</p> <p>Darbakova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),..</p>		
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
	0.70	0.96	1.25
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	10 305 141 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	72 500	98 500	129 000
INDICATOR: Ratio of number of all clients in detoxification in a 12 month period : number of IDUs	Low	Mid	High
	NK	NK	NK
INDICATOR: Ratio of number of all clients in detoxification at a single point in time : number of IDUs	Low	Mid	High
	NK	NK	NK

ODT 2 - Residential rehabilitation

ODT 2.1: Number of sites providing residential rehabilitation

Is residential rehabilitation 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 residential rehabilitation sites per 1000 IDUs	Low	Mid	High

ODT 2.2: Number of IDUs in residential rehabilitation

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 residential rehabilitation in a 12 month period	Low	Mid	High
INDICATOR: Percentage of IDUs in residential rehabilitation at a single point in time	Low	Mid	High

ODT 2.3: Number of all clients in residential rehabilitation

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 residential rehabilitation in a 12 month period : number of IDUs	Low	Mid	High
INDICATOR: Ratio of number of all drug users in residential rehabilitation at a single point in time : number of IDUs	Low	Mid	High

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?	Yes		
Number of sites - data reported	Narcology dispensaries provide talk therapy		
Year of reported data	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Number of outpatient psychosocial support, counselling or psychotherapy sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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

Data reported	Psychosocial support and counselling present but number not known		
Year of reported data	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.		
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
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Percentage of IDUs in outpatient psychosocial support, counselling or psychotherapy in a 12 month period	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs receiving outpatient psychosocial support, counselling or psychotherapy at a single point in time	Low	Mid	High
	NK	NK	NK

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

Data reported	Psychosocial support and counselling present but number not known		
Year of reported data	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.		
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
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
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
	NK	NK	NK
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
	NK	NK	NK

ODT 4 - Peer-based support groups

ODT 4.1: Number of peer-based support groups sites

Are Peer-based support groups 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 peer-based support groups sites per 1000 IDUs	Low	Mid	High

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

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 peer-based support groups in a 12 month period	Low	Mid	High
INDICATOR: Percentage of IDUs in peer-based support groups at a single point in time	Low	Mid	High

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

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 peer-based support groups in a 12 month period : number of IDUs	Low	Mid	High
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

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	Narcology dispensaries provide detoxification		
Year of reported data	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Number of drug treatment sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),..		
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
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
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	2007		
Reference	Darbekova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),..		
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
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
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?	
Number of sites - data reported	
Year of reported data	
Reference	
Adjustments	
Final/Adjusted data	

ODT 6.2: Number of IDUs in drug treatment in prisons

Data reported	
Year of reported data	
Reference	
Adjustments	
Final/Adjusted data for 12 month period	
Final/Adjusted data for single point in time	

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

Data reported	
Year of reported data	
Reference	
Adjustments	
Final/Adjusted data for 12 month period	
Final/Adjusted data for single point in time	

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			
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 compulsory detention sites for drug use per 1000 IDUs	Low	Mid	High

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

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 compulsory detention in closed settings in a 12 month period	Low	Mid	High
INDICATOR: Percentage of IDUs in compulsory detention in closed settings at a single point in time	Low	Mid	High

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

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 all drug users in compulsory detention in closed settings in a 12 month period : number of IDUs	Low	Mid	High
INDICATOR: Ratio of all drug users in compulsory detention in closed settings at a single point in time : number of IDUs	Low	Mid	High

ODT: All documents reviewed

Darbakova, G., N. Kozachenko, et al. (2007). Legal Treatment of Preventive Work with Injection Drug Users in Temirtau, Kazakhstan. 18th International Conference on the Reduction of Drug Related Harm, Warsaw, Poland, International Harm Reduction Association (IHRA),.

Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.

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	2007
Reference	See references for other VCT indicators

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

Data reported	VCT offered at 98 Trust points for IDUs and other vulnerable groups		
Year of reported data	2004		
Reference	Godinho, J., T. Novotny, et al. (2004). HIV/AIDS and Tuberculosis in Central Asia. Working Paper No. 20. The World Bank. Washington, DC.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	98		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 173 647 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	71 500	97 500	127 500
INDICATOR: Number of targeted T&C sites per 1000 IDUs	Low	Mid	High
	0.77	1.01	1.37

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	2004		
Reference	Godinho, J., T. Novotny, et al. (2004). HIV/AIDS and Tuberculosis in Central Asia. Working Paper No. 20. The World Bank. Washington, DC.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 173 647 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	71 500	97 500	127 500
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	2007 2008
Reference	UNAIDS (2008). Report on the global AIDS epidemic. Geneva, UNAIDS: 362. WHO, UNAIDS., et al. (2009). Towards universal access: Scaling up priority HIV/AIDS interventions in the health sector - progress report 2009. Geneva, WHO.
Data reported for both male and female IDUs	42% IDUs received an HIV test in the last 12 months and know their results 52% IDUs received an HIV test in the last 12 months and know their results
Adjustments	- Assumed data from 2008
Final/Adjusted data	42% - 54%
Data reported for male IDUs	41% male IDUs received an HIV test in the last 12 months and know their results
Adjustments	
Final/Adjusted data	41.00%
Data reported for female IDUs	49% female IDUs received an HIV test in the last 12 months and know their results
Adjustments	
Final/Adjusted data	49.00%

T&C: All documents reviewed

Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.

Godinho, J., T. Novotny, et al. (2004). HIV/AIDS and Tuberculosis in Central Asia. Working Paper No. 20. The World Bank. Washington, DC.

Government of the Republic of Kazakhstan (2006). Programme on counteraction of AIDS epidemics in The Republic of Kazakhstan for 2006 -

Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.

National center for AIDS prevention and control (2006). The epidemiological situation HIV / AIDS and the results of sentinel surveillance among injecting drug users in 2006.

UNAIDS (2008). Eastern Europe and Central Asia mapping prevention interventions in the CIS region.

UNAIDS (2008). Report on the global AIDS epidemic. Geneva, UNAIDS: 362.

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

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

Data reported	23 sites		
Year of reported data	2009		
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)	23		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 814 002 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	76 000	103 500	135 500
HIV among IDU prevalence estimate (%)	Low	Mid	High
	8	9.20	10.40
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.		
Estimated number of HIV positive IDUs at year of reported data (to be used as indicator)	Low	Mid	High
	6080	9522	14 092
INDICATOR: Number of ARV treatment sites per 1000 IDUs	Low	Mid	High
	0.17	0.22	0.30
INDICATOR: Number of ARV treatment sites per 1000 IDUs living with HIV	Low	Mid	High
	1.63	2.42	3.78

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

Data reported	215 IDUs receiving ART Out of a total 326 PLHWA 62 of the IDUs receiving ART are in prison		
Year of reported data	2006		
Reference	National center for AIDS prevention and control (2006). The epidemiological situation HIV / AIDS and the results of sentinel surveillance among injecting drug users in 2006.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	215		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 438 573 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	73 500	100 000	130 500
HIV among IDU prevalence estimate (%)	Low	Mid	High
	8	9.20	10.40
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.		
Estimated number of HIV positive IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	5880	9200	13 572
INDICATOR: Ratio of IDUs on ART: 100 IDUs living with HIV	Low	Mid	High
	1.58	2.34	3.66

ARV 3: Restrictions on IDUs' access to ARVs

Do restrictions exist which limit IDUs' access to ARV treatment?	No restrictions
Year of reported data	2006
Reference	National center for AIDS prevention and control (2006). The epidemiological situation HIV / AIDS and the results of sentinel surveillance among injecting drug users in 2006.

ARV: All documents reviewed

Aceijas, C., E. Oppenheimer, et al. (2006). "Antiretroviral treatment for injecting drug users in developing and transitional countries 1 year before the end of the "Treating 3 million by 2005. Making it happen. The WHO strategy" ("3 by 5")." *Addiction* 101(9): 1246-53.

Country coordinating mechanism - Kazakhstan (2008). *Scaling-up access to HIV prevention treatment, care and support services, particularly for vulnerable groups through enhanced and expanded governmental/NGO/private partnerships*. Bishkek: 18.

Donoghoe, M. C., A. R. Bollerup, et al. (2007). "Access to highly active antiretroviral therapy (HAART) for injecting drug users in the WHO European Region 2002-2004." *International Journal of Drug Policy* 18(4): 271-80.

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Republican center for prophylactics and control of AIDS (2008). *Assistance and support to safer behavior choices among vulnerable population groups (injecting drug users, commercial sex workers, youth), assistance and support to people living with HIV/AIDS*. Almaty.

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	See references for other Condom indicators

Condoms 2: Number of sites distributing condoms to IDUs

Data reported	Trust points provide condoms to IDUs: 146 trust points in the country		
Year of reported data	2007		
Reference	<p>Godinho, J., A. Renton, et al. (2005). Reversing the Tide: Priorities for HIV/AIDS Prevention in Central Asia. Working Paper No. 54. World Bank. Washington, DC.</p> <p>Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.</p>		
Adjustments	Assumed all trust points provide condoms for IDUs		
Final/Adjusted data (to be used as indicator numerator)	146		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Number of condom distribution sites targeting IDU per 1000 IDUs	Low	Mid	High
	1.10	1.44	1.96

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	221 3000 condoms distributed to IDUs at 146 trust points		
Year of reported data	2007		
Reference	Khassanova, M. A., N. F. Kalinich, et al. (2008). UNGASS country progress report - Republic of Kazakhstan. Almaty.		
Adjustments	Assumed condoms distributed in 12 month period and not cumulative for duration of program		
Final/Adjusted data (to be used as indicator numerator)	2 213 000		
IDU prevalence estimate (%)	Low	Mid	High
	0.70	0.96	1.25
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	10 573 551 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	74 500	101 500	132 500
INDICATOR: Total number of condoms distributed per 12 month period per IDU	Low	Mid	High
	16.70	21.80	29.70

Condoms: All documents reviewed

Country coordinating mechanism - Kazakhstan (2007). Proposal form - round 7. Almaty: 159

Country coordinating mechanism - Kazakhstan (2008). Scaling-up access to HIV prevention treatment, care and support services, particularly for vulnerable groups through enhanced and expanded governmental/NGO/private partnerships. Bishkek: 18.

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