

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

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FYR of Macedonia (Western Europe)

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
	NK	NK	NK
Year of IDU prevalence estimate			
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." <i>The Lancet</i> 372(9651): 1733-1745. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
Estimated prevalence of HIV among people who inject (%)	Low	Mid	High
	NK	NK	NK
Year of HIV prevalence among IDU estimate			
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." <i>The Lancet</i> 372(9651): 1733-1745.		
General population 15-64 years of age in 2008	1 428 584		
Estimated IDU population in 2008	Low	Mid	High
	NK	NK	NK
Estimated number of IDUs living with HIV in 2008	Low	Mid	High
	NK	NK	NK

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?	
Reference	
Are needles and syringes available for purchase from pharmacies?	
Most recent year of documentation	
Reference	

NSP 2: Number of NSP sites

Data reported	15 NSPs		
Year of reported data	2008		
Reference	World Health Organization (2009). Universal Access Unpublished Data Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje. European Monitoring Centre for Drugs and Drug Addiction. (2009). "Country Overview: Former Yugoslav Republic of Macedonia." Retrieved 30 October, 2009, from http://www.emcdda.europa.eu/publications/country-overviews/mk#tdi .		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	15		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of NSP sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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
	NK	NK	NK
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			
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	1615 IDUs contacted NSPs 2180 IDUs reached by NSPs		
Year of reported data	2007		
Reference	European Monitoring Centre for Drugs and Drug Addiction. (2009). "Country Overview: Former Yugoslav Republic of Macedonia." Retrieved 30 October, 2009, from http://www.emcdda.europa.eu/publications/country-overviews/mk#tdi . Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Figures taken as a range		
Final/Adjusted data (to be used as indicator numerator)	1615 - 2180		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Percentage of IDUs in contact with NSPs in a 12 month period	Low	Mid	High
	NK	NK	NK

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

Data reported	21058 contacts by NSPs		
Year of reported data	2007		
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	21 058		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	97 400 syringes distributed 17 4081 syringes and 308 858 needles distributed		
Year of reported data	2007		
Reference	World Health Organisation (2009). Universal Access Unpublished Data. Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Figures taken as range Smaller count taken as per decision rule of this review		
Final/Adjusted data (to be used as indicator numerator)	97 400 - 17 4081		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Total number of needles/syringes distributed in a 12 month period per IDU	Low	Mid	High
	NK	NK	NK

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.

Country coordinating mechanism - Macedonia (2007). Proposal form - round 7. Skopje: 112.

Country coordinating mechanism - Macedonia (2008). Keeping HIV Prevalence Low in Macedonia: Scaling-up and Focusing Interventions. Skopje:

Dekov, V. (Executive Director), Healthy Options Project Skopje. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - the Former Yugoslavic Republic of Macedonia". Skopje, Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 20 May 2009.

Godinho, J., N. Jaganjac, et al. (2005). HIV/AIDS in the Western Balkans: Priorities for Early Prevention in a High-Risk Environment. Working Paper No. 68. The World Bank.

Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.

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

Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslavic Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.

Ministry of health Macedonia (2007). National drugs strategy of the Republic of Macedonia. Skopje.

Ministry of Health Republic of Macedonia (2007). National HIV/AIDS Strategy 2007-2011. Skopje.

Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007:

Republic of Macedonia (2008). UNGASS country progress report.

The Ministry of Health Macedonia (2008). Grant Performance Report. Global Fund to Fight AIDS Tuberculosis and Malaria.

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?	
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?	No
Comments	
Most recent year of documentation	2009
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.
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	92 mg
Comments	Average dose for MMT in Skopje
Year	2007
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.
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	9 MMT sites 0 BMT sites		
Year of reported data	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	9		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of OST sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

OST 8: Number of sites providing MMT

Data reported	9 MMT sites		
Year of reported data	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	9		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of MMT sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

OST 9: Number of sites providing BMT

Data reported	BMT not available		
Year of reported data	2009		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 434 979		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of BMT sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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
	NK	NK	NK
INDICATOR: Number of sites providing other forms of OST per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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

Data reported	1108 clients in MMT 0 clients in BMT [No information on whether number of clients in OST at single point in time (i.e. Census date) or total number of clients receiving OST over a period of time]		
Year of reported data	2008		
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Assumed enrolment at a census date		
Final/Adjusted data (to be used as indicator numerator)	1108		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	1108 clients in MMT [No information on whether number of clients in MMT at single point in time (i.e. Census date) or total number of clients receiving MMT over a period of time]		
Year of reported data	2008		
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Assumed count equals enrolment at a census date		
Final/Adjusted data (to be used as indicator numerator)	1108		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	No clients in BMT		
Year of reported data	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
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
	NK	NK	NK

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	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Percentage of IDUs in other forms of OST at a single point in time	Low	Mid	High
	NK	NK	NK

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

Data reported	1108 clients in MMT 0 clients BMT [No information on whether number of clients in OST at single point in time (i.e. Census date) or total number of clients receiving OST over a period of time]		
Year of reported data	2008		
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Assumed count equal to total number of clients enrolled in OST throughout 2007		
Final/Adjusted data (to be used as indicator numerator)	1108		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	1108 clients in MMT [No information on whether number of clients in MMT at single point in time (i.e. Census date) or total number of clients receiving MMT over a period of time]		
Year of reported data	2008		
Reference	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Assumed count equals total number of clients enrolled in MMT throughout 2008		
Final/Adjusted data (to be used as indicator numerator)	1108		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	No clients in BMT		
Year of reported data	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
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
	NK	NK	NK

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	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	2008		
Reference	Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslav Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	0		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Percentage of IDUs receiving other forms of OST at a single point in time	Low	Mid	High
	NK	NK	NK

OST: All documents reviewed

Country coordinating mechanism - Macedonia (2007). Proposal form - round 7. Skopje: 112.

Country coordinating mechanism - Macedonia (2008). Keeping HIV Prevalence Low in Macedonia: Scaling-up and Focusing Interventions. Skopje:

Dekov, V. (Executive Director), Healthy Options Project Skopje. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - the Former Yugoslavic Republic of Macedonia". Skopje, Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 20 May 2009.

Healthy Options Project Skopje (2007). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.

Healthy Options Project Skopje (2008). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.

Kuli, A. WHO. Personal Communication: Response to the "UN HIV and IDU Reference Group: Request to fill data gaps - The Former Yugoslavic Republic of Macedonia". FYR of Macedonia, 2009. Received by the Reference Group to the UN on HIV and Injecting Drug Use on 19 May 2009.

Ministry of Health Republic of Macedonia (2007). National HIV/AIDS Strategy 2007-2011. Skopje.

Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007:

Republic of Macedonia (2008). UNGASS country progress report.

Sarang, A., R. Stuijckte, et al. (2007). "Implementation of harm reduction in Central and Eastern Europe and Central Asia." International Journal of Drug Policy 18(2): 129-35.

The Ministry of Health Macedonia (2008). Grant Performance Report. Global Fund to Fight AIDS Tuberculosis and Malaria.

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

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
	NK	NK	NK
INDICATOR: Number of detoxification sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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
	NK	NK	NK
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			
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
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Number of residential rehabilitation sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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
	NK	NK	NK
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			
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
	NK	NK	NK
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
	NK	NK	NK
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			
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
	NK	NK	NK
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			
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
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Number of peer-based support groups sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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
	NK	NK	NK
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			
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
	NK	NK	NK
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		NK

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	Outpatient drug treatment available		
Year of reported data	2007		
Reference	Ministry of health Macedonia (2007). National drugs strategy of the Republic of Macedonia. Skopje.		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	Outpatient drug treatment available but number of IDUs receiving treatment not available		
Year of reported data	2007		
Reference	Ministry of health Macedonia (2007). National drugs strategy of the Republic of Macedonia. Skopje.		
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
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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	Outpatient drug treatment available but number of clients receiving treatment not available		
Year of reported data	2007		
Reference	Ministry of health Macedonia (2007). National drugs strategy of the Republic of Macedonia. Skopje.		
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
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Number of compulsory detention sites for drug use per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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

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

Ministry of health Macedonia (2007). National drugs strategy of the Republic of Macedonia. Skopje.

Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007:

The Ministry of Health Macedonia (2008). Grant Performance Report. Global Fund to Fight AIDS Tuberculosis and Malaria.

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	See references for other VCT indicators

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

Data reported	6-7 permanent outreach locations in Skopje where VCT outreach vehicle is accessible for IDUs		
Year of reported data	2008		
Reference	Health Education and Research Association. Personal Communication: Information for the Reference Group. 2008. Received by the Reference Group to the UN on HIV and Injecting Drug Use		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	7		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of targeted T&C sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK

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

Data reported	14 state centres for VCT (4 in Skopje & 9 throughout country) & 1 mobile VCT clinic in Skopje		
Year of reported data	2008		
Reference	Health Education and Research Association. Personal Communication: Information for the Reference Group. 2008. Received by the Reference Group to the UN on HIV and Injecting Drug Use		
Adjustments			
Final/Adjusted data (to be used as indicator numerator)	15		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Percentage of individual IDUs accessing T&Cs in a 12 month period	Low	Mid	High
	NK	NK	NK

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	Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007: 39. 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	43.73% IDUs received an HIV test in the last 12 months and know their results
Adjustments	
Final/Adjusted data	43.73%
Data reported for male IDUs	42.31% male IDUs received an HIV test in the last 12 months and know their results
Adjustments	
Final/Adjusted data	42.31%
Data reported for female IDUs	52.83% female IDUs received an HIV test in the last 12 months and know their results
Adjustments	
Final/Adjusted data	52.83%

T&C: All documents reviewed

Country coordinating mechanism - Macedonia (2007). Proposal form - round 7. Skopje: 112.

Country coordinating mechanism - Macedonia (2008). Keeping HIV Prevalence Low in Macedonia: Scaling-up and Focusing Interventions. Skopje:

FYR of Macedonia (2006). CRIS Report - All Indicators.

Health Education and Research Association. Personal Communication: Information for the Reference Group. 2008. Received by the Reference Group to the UN on HIV and Injecting Drug Use

Ministry of Health Republic of Macedonia (2007). National HIV/AIDS Strategy 2007-2011. Skopje.

Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007:

Republic of Macedonia (2008). UNGASS country progress report.

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	1 site		
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)	1		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 434 979 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
HIV among IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level HIV among IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
Estimated number of HIV positive IDUs at year of reported data (to be used as indicator)	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of ARV treatment sites per 1000 IDUs	Low	Mid	High
	NK	NK	NK
INDICATOR: Number of ARV treatment sites per 1000 IDUs living with HIV	Low	Mid	High
	NK	NK	NK

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

Data reported	Number of IDUs on ART not known		
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)	NK		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 428 584 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
HIV among IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level HIV among IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported 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
	NK	NK	NK
INDICATOR: Ratio of IDUs on ART: 100 IDUs living with HIV	Low	Mid	High
	NK	NK	NK

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

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	Condoms provided at NSP sites 15 NSP sites		
Year of reported data	2007		
Reference	Healthy Options Project Skopje (2007). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	Assumed all NSPs provide condoms		
Final/Adjusted data (to be used as indicator numerator)	15		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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
	NK	NK	NK
INDICATOR: Percentage of IDUs receiving condoms in a 12 month period	Low	Mid	High
	NK	NK	NK

Condoms 4: Number of condoms distributed to IDUs

Data reported	49 602 condoms distributed by 13 out of 15 sites Data from 2 sites not reported		
Year of reported data	2007		
Reference	Healthy Options Project Skopje (2007). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.		
Adjustments	For lower bound use data from sites reporting only For upper bound assumed average distribution from these 13 sites is same as average for remaining 2 sites		
Final/Adjusted data (to be used as indicator numerator)	46 902 - 57 233		
IDU prevalence estimate (%)	Low	Mid	High
	NK	NK	NK
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. Estimate of country level IDU prevalence not reported but for the purpose of this review this was estimated to be the population-weighted regional prevalence as reported in Mathers et al 2008.		
General population 15-64 years of age at year of reported data	1 421 200 (source: UN Population Division, 2009)		
Estimated number of IDUs at year of reported data (to be used as indicator denominator)	Low	Mid	High
	NK	NK	NK
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 - Macedonia (2007). Proposal form - round 7. Skopje: 112.

Country coordinating mechanism - Macedonia (2008). Keeping HIV Prevalence Low in Macedonia: Scaling-up and Focusing Interventions. Skopje:

Godinho, J., N. Jaganjac, et al. (2005). HIV/AIDS in the Western Balkans: Priorities for Early Prevention in a High-Risk Environment. Working Paper No. 68. The World Bank.

Healthy Options Project Skopje (2007). Report for needle and syringe programs in Republic of Macedonia for 2007. Skopje.

Ministry of Health Republic of Macedonia (2007). National HIV/AIDS Strategy 2007-2011. Skopje.

Ministry Of Health Republic of Macedonia (2008). UNGASS Country Progress Report: Macedonia. Reporting period: January 2006-December 2007: