

S7 Table. Parameters related to injection drug use.

Variable	Base estimate		Data Source
	<i>Male PWID Agents</i>	<i>Female PWID Agents</i>	
Receptive sharing of syringes, injecting equipment, or using a syringe to divide drugs (annual probability)	69%	63%	NHBS IDU-2015 Philadelphia
Median number of injection partners in past year with receptive syringe sharing (Q1, Q3)	2 (1, 3.5)	3 (1, 3)	NHBS IDU-2015 Philadelphia
Mean number of needle-sharing acts per day	4	4	Johnson <i>et al.</i> ⁵¹
Probability of cessation of injection drug use per month	0.2%		Galai <i>et al.</i> ⁵⁰