

Field implementation

Population estimate worksheets



UCSF GLOBAL HEALTH SCIENCES

Improving health and reducing inequities worldwide



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This chapter provides

- Population size estimate summary tool
- Census and enumeration example spreadsheet

GSI provides technical assistance (TA) in implementing IBBS. Please [visit our website and contact us](#) for trainings and TA.



E(M)	250	250 M	Number of visited individuals at the service providers listed in the survey
E(P)	0.024	0.024 P (between 0 and 1)	Proportion of samples mentioned in the RDS that they have visited (from RDSAT output)
Var(M)	250	0.006 SE	Standard Error of P (from RDSAT output)
Var(P)	0.000036		
N	10417		
Var(N)	7215711.806		
SE(N)	2686.2077		
Alpha	0.05		
CI95% for N			
	Lower limit	5153	
	Upper limit	15682	

$$Var(N) = \frac{Var(M)}{[E(P)]^2} + \frac{[E(M)]^2}{[E(P)]^4} Var(P)$$

