

## Appendix B:

### MISP Calculator

The example shows estimates for a population of 300,000. The default estimates are based on the default Inter-agency RH Kit proportions, while the column on site-specific estimates uses the site-specific figures in the dark pink cells.

	Default Figures	Site-specific Estimate using Default Figures	Site-specific Estimate using Site-specific Figures	Units
Total Population	-	300,000	300,000	persons
Crude Birth Rate (per 1,000 population)	40	40	30	persons per 1,000 population
Contraceptive Prevalence Rate (%)	15%	15%	30%	percent
STI Prevalence Rate (% of adults)	5%	5%	5%	percent
Maternal Mortality Ratio (per 100,000 live births)	-	-	320	persons per 100,000 live births
<b>Population Figures</b>				
Live births per year	-	12,000	9,000	births
Live births per month	-	1,000	750	births
Number of currently pregnant women (excluding the additional 15% of pregnancies that will end in miscarriage)	-	9,000	6,750	pregnant women
Number of pregnancies that end in miscarriage or unsafe abortion in one month (estimated as an additional percentage of live births)	15%	200	150	pregnancies
Number of pregnancies that end in miscarriage or unsafe abortion in the next 9 months (estimated as an additional percentage of live births)	15%	1,800	1,350	pregnancies
Number of currently pregnant women who will experience complications in one month	15%	150	113	pregnant women
Number of currently pregnant women who will experience complications in the next 9 months	15%	1,350	1,013	pregnant women
Number of currently pregnant women who will have access and be able to give birth in a health center in one month	15%	150	113	pregnant women
Number of currently pregnant women who will have access and be able to give birth in a health center in the next 9 months	15%	1,350	1,013	pregnant women
Number of currently pregnant women who deliver who will need suturing of vaginal tears in one month	15%	150	113	pregnant women
Number of currently pregnant women who deliver who will need suturing of vaginal tears in the next 9 months	15%	1,350	1,013	pregnant women
Number of deliveries requiring a c-section in one month (Min)	5%	50	38	deliveries

Number of deliveries requiring a c-section in the next 9 months (Min)	5%	450	338	deliveries
Number of deliveries requiring a c-section in one month (Max)	15%	150	113	deliveries
Number of deliveries requiring a c-section in the next 9 months (Max)	15%	1,350	1,013	deliveries
Number of maternal deaths averted in the next 9 months if MISP is fully implemented and all pregnant women have access to EmOC services	100%	-	26	deaths
Number of women of reproductive age (WRA)	25%	75,000	75,000	WRA
Number of sexually active men in the population	20%	60,000	60,000	men
Number of sexually active men who use condoms	20%	12,000	12,000	men
Number of WRA who use modern contraceptives	15%	11,250	22,500	WRA
Number of WRA who use female condoms	1%	750	750	WRA
Number of WRA using modern methods of contraception who use combined oral contraceptive pills	30%	3,375	6,750	WRA
Number of WRA using modern methods of contraception who use injectable contraception	55%	6,188	12,375	WRA
Number of WRA using modern methods of contraception who use an IUD	5%	563	1,125	WRA
Number of cases of sexual violence (percent of WRA at risk of rape)	2%	1,500	1,500	WRA