

APPENDIX B

EXAMPLE OF CALCULATION OF A MULTIPLIER

Below we present two tables to illustrate how the multiplier is calculated. The tables show the calculations for the Eastern region of Nepal. We do these calculations for the four socioeconomic subgroups: poor urban, nonpoor urban, poor rural and nonpoor rural women. Appendix Table B1 shows the calculation of the proportion of abortions resulting in complications among poor urban women who go to unapproved providers, and Appendix Table B2 shows how these estimates from each of the four subgroups are used to calculate the multiplier (3.05) for the Eastern region as a whole.

APPENDIX TABLE B1. Calculation of the percentage of illegal abortions resulting in complications among poor urban women in the Eastern development region who use unapproved providers			
Provider type	% of illegal abortions that were done by this provider type	% of these abortions that resulted in complications	% of illegal abortions that were done by this provider type and resulted in complications
	A	B	C = A x B/100
Unapproved medical provider	28.1	24.8	6.98
Paramedic	26.5	34.3	9.08
Pharmacist	32.8	40.7	13.33
Traditional provider	5.2	60.4	3.12
Woman self-induced	7.5	61.5	4.59
Total	100.0	na	37.11

Note: na=not applicable.

APPENDIX TABLE B2. Calculation of multipliers for the Eastern development region

Subgroup	% of women obtaining illegal abortions who have complications	% of women with complications of illegal abortion who receive treatment	% of women obtaining illegal abortions who receive treatment for complications of illegal abortion	% of women in region who belong to subgroup	% of women in region obtaining illegal abortions who belong to subgroup and received treatment for complications	Regional multiplier
	A	B	C=AxB/100	D	E=CxD/100	F=D/E
Poor urban	37.11	88.62	32.89	8.2	2.69	3.04
Poor rural	39.94	81.72	32.64	46.4	15.15	3.06
Nonpoor urban	34.18	91.38	31.23	4.1	1.27	3.20
Nonpoor rural	38.82	85.17	33.06	41.3	13.67	3.02
All	na	na	na	100.0	32.78	3.05

Note: na=not applicable.

Source for population data on subgroups: Ministry of Health and Population, New ERA and ICF International, *Nepal Demographic and Health Survey 2011*, Kathmandu, Nepal; Ministry of Health and Population and New ERA; and Calverton, MD, USA: ICF International, 2012.