

Distribution of values for semen parameters from men whose partners became pregnant
within 12 months of discontinuing contraceptive use

Parameter (units)	N	Centile								
		2.5	5	10	25	50	75	90	95	97.5
Semen volume (ml)	1941	1.2	1.5	2.0	2.7	3.7	4.8	6.0	6.8	7.6
Sperm concentration (10 ⁶ per ml)	1859	9	15	22	41	73	116	169	213	259
Total sperm number (10 ⁶ per ejaculate)	1859	23	39	69	142	255	422	647	802	928
Progressive motility (PR, %)	1780	28	32	39	47	55	62	69	72	75
Non-progressive motility (NP, %)	1778	1	1	2	3	5	9	15	18	22
Immotile spermatozoa (IM, %)	1863	19	22	25	31	39	46	54	59	65
Normal forms (%)	1851	3	4	5.5	9	15	24.5	36	44	48
Vitality (%)	428	53	58	64	72	79	84	88	91	92

Source: WHO Laboratory Manual 2010