

# **Annex A**

**Indicators of sampling accuracy  
in small populations**



**Table A.1. Sampling requirements at varying accuracy level and population size. Small concave populations.**

Accuracy (%) Population size	90	91	92	93	94	95	96	97	98	99
10	6	6	6	7	7	7	8	8	9	9
20	9	9	10	11	11	12	13	15	16	18
30	11	11	12	14	15	16	18	20	23	26
40	12	13	15	16	18	20	22	25	29	34
50	14	15	16	18	20	23	26	30	35	41
60	15	16	18	20	23	26	30	34	41	49
70	16	17	19	22	25	28	33	38	46	56
80	17	19	21	23	27	31	36	42	51	63
90	17	19	22	25	28	33	39	46	56	70
100	18	20	23	26	30	35	41	49	61	76
200	24	27	31	36	43	51	62	78	102	138
300	27	31	36	43	51	63	78	101	136	193
400	30	35	41	48	58	72	91	120	166	244
500	32	38	44	53	64	80	103	137	193	292
600	34	40	47	57	70	87	113	153	218	338
700	36	42	50	60	74	94	122	167	241	382
800	38	44	52	64	78	100	131	180	263	424
900	39	46	55	66	82	105	139	192	284	464

**Table A.2. Sampling requirements at varying accuracy level and population size. Small flat or convex populations.**

Accuracy (%) Population size	90	91	92	93	94	95	96	97	98	99
10	4	5	5	5	6	6	7	7	8	9
20	6	7	7	8	9	10	11	13	15	17
30	7	8	9	10	11	13	14	17	20	24
40	8	9	10	11	13	15	17	20	25	31
50	8	9	11	12	14	16	19	24	29	37
60	9	10	11	13	15	18	22	26	33	44
70	9	11	12	14	16	19	23	29	37	49
80	10	11	13	15	17	21	25	31	41	55
90	10	12	13	15	18	22	27	34	44	61
100	10	12	14	16	19	23	28	36	47	66
200	13	15	17	20	25	31	39	52	74	114
300	14	16	19	23	28	36	47	65	95	154
400	15	17	21	25	31	40	53	74	112	190
500	16	18	22	27	34	44	58	83	128	223
600	16	19	23	29	36	47	63	90	141	254
700	17	20	24	30	38	49	67	97	154	283
800	17	21	25	31	39	52	71	103	166	311
900	18	21	26	32	41	54	74	109	177	337