Appendix 1: Sample selection

Sample design for the various prisons

Sample selection for Windhoek Central Prison

Total # of inmates:	214
Sample allocation	61:
Total percentage of sample:	0.31
Total # of sexual violence offenders:	159
Total # of Physical offenders:	55

# Of Offences	Prop. to the population	Prop. to Sqrt	Allocation
159 (Sexual violence)	45.32242991	12.60952021	38.40964434
55 (Physical violence)	15.67757009	7.416198487	22.59035566
214	61	20.0257187	61

Sample allocation

1   A proportional allocation of the size of the population results in the following:

Sexual offenders	45	Interviews
Physical offenders	15	Interviews
Total	61	Interviews

2   A proportional to the Square root of the population size results in the following:

Sexual offenders	38	Interviews
Physical offenders	22	Interviews
Total	61	Interviews

Having considered the above the proportion to size allocation was employed for Windhoek.

Sample selection for Walvis Bay Prison

Total # of inmate	77
Sample allocation	22
Total percentage of sample	0.11
Total # of sexual violence offenders	68
Total # of Physical offenders	9

Sample allocation

# of offences	Prop. To size	Prop. To Sqrt	Allocation
68	19.42857143	8.246211251	16.13135691
9	2.571428571	3	5.868643095
77	22	11.24621125	22

1   A proportional allocation of the size of the population results in the following:

Sexual offenders	19	Interviews
Physical offenders	3	Interviews
Total	22	Interviews

2   A proportional to the Square root of the population size results in the following:

Sexual offenders	16	Interviews
Physical offenders	5	Interviews
Total	22	Interviews

Sample selection for Hardap Prison

Total # of inmate	321
Sample allocation	93
Total percentage of sample	46
Total # of sexual violence offenders	278
Total # of Physical offenders	43

# of offences	Prop. To size	Prop. To Sqrt	Allocation
278 (Sexual offences)	80.54206	16.67333	66.74853
43 (Physical violence)	12.45794	6.557439	26.25147
	93	23.23077	93

Sample allocation proportional to the population size

1   A proportional allocation of the size of the population results in the following:

Sexual offenders	80	Interviews
Physical offenders	12	Interviews
Total	93	Interviews

2   A proportional to the Square root of the population size results in the following:

Sexual offenders	66	Interviews
Physical offenders	26	Interviews
Total	93	Interviews

Having considered the above allocation the decision was made that the square root allocation was more appropriate for the selection of the sampled interviews. The first option (Prop. to size of the population) gave an allocation of close to 86% for the sexual offence category, while the second option (Square root of the population size) would provide an allocation of close to 71% in this category. Thus using the second option was primarily based on the fact that the sexual offences rendered mostly offences dealing with rape, while the physical offences are of a greater variety and would in essence provide a broader understanding through the research study.

Sample selection for Oluno Rehabilitation Centre

Total # of inmate	**41**
Sample allocation	11
Total percentage of sample	0.06
Total # of sexual violence offenders	14
Total # of Physical offenders	27

# of offences	Prop. to size	Prop. To Sqrt	Allocation
14 (sexual offences)	3.7561	3.741657387	4.604957
27 (physical offences)	7.2439	5.196152423	6.395043
41	11	8.937809809	11

Sample allocation proportional to the population size

1   A proportional allocation of the size of the population results in the following

Sexual offenders	3	Interviews
Physical offenders	7	Interviews
Total	11	Interviews

2   A proportional to the Square root of the population size results in the following:

Sexual offenders	5	Interviews
Physical offenders	6	Interviews
Total	11	Interviews

Having considered the above, the decision was therefore to implement allocation #1 as offenders in the physical category constitute more than 2/3 of the population, meaning

they are a unique group, while sexual offences are mostly rape cases and in the final analysis would provide more or less the same answers.

Sample selection for Divundu Prison

Total # of inmates	41
Sample allocation	11
Total percentage of sample	0.06
Total # of sexual violence offenders	26
Total # of Physical offenders	15

# of offences	Prop. To pop size	Prop, to Sqrt	Allocation
26 (Sexual violence)	6.975609756	5.099019514	6.251582342
15 (Physical violence)	4.024390244	3.872983346	4.748417658
41	11	8.97200286	11

Sample allocation proportional to the population size

1   A proportional allocation of the size of the population results in the following:

Sexual offenders	7	Interviews
Physical offenders	4	Interviews
Total	11	Interviews

2   A proportional to the Square root of the population size results in the following:

Sexual offenders	6	Interviews
Physical offenders	5	Interviews
Total	11	Interviews

Having considered the various scenarios, sample option #1 would be implemented.