

Design of NI Census Test and Sample Size

The test involved some 14,000 households and was concentrated in five Local Government Districts (LGDs), covering a total of 96 of the 2001 Census Output Areas, which were selected on the basis of:-

- I. Exhibiting specific socio-economic characteristics (e.g. Urban/ rural, deprived/ non-deprived and whether predominantly of one community background); and,
- II. The need to focus on specific issues that arise when attempting to enumerate special groups such as students, the influx of migrant workers, communal establishments and areas where holiday homes are situated.

The LGDs selected for the test, which are shown in Figure 1 below, were:

- Belfast
- Craigavon
- Coleraine
- Magherafelt
- Fermanagh.

The five LGDs in question were selected on the basis that they would present difficulties from an operational perspective and as such were neither chosen at random or to be representative.

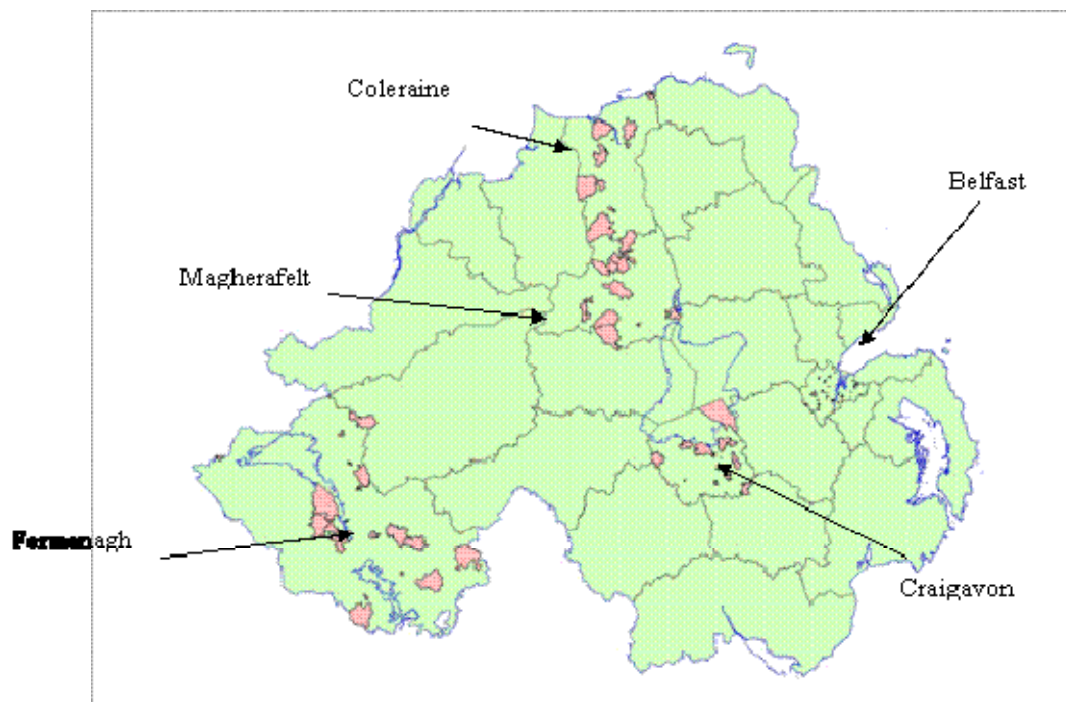


Figure 1: 2007 Census Test Areas

Table 1 below, which illustrates the balanced nature of the design, presents a breakdown of the number of output areas where each design variable/ design strata combination will be examined. Table 2 below presents the corresponding number of households. The desire to test the factors across a balanced set of socio-economic strata led to the selection of 96 Output Areas.

Table 1: Design Strata by number of Census Output Areas

| Design Strata | | | Design Variables | | | | Total Output Areas | |
|---------------|--------------|----------------|------------------|-----------|---------------------|-----------|--------------------|----------------|
| | | | Post-out | | Enumerator Delivery | | | |
| | | | Income | No Income | Income | No Income | In 2007 Test | In whole of NI |
| Urban | Deprived | Protestant | 2 | 2 | 2 | 2 | 8 | 627 |
| | | Roman Catholic | 2 | 2 | 2 | 2 | 8 | 645 |
| | | Mixed | 2 | 2 | 2 | 2 | 8 | 387 |
| | Non-deprived | Protestant | 2 | 2 | 2 | 2 | 8 | 790 |
| | | Roman Catholic | 2 | 2 | 2 | 2 | 8 | 172 |
| | | Mixed | 2 | 2 | 2 | 2 | 8 | 826 |
| Rural | Deprived | Protestant | 2 | 2 | 2 | 2 | 8 | 131 |
| | | Roman Catholic | 2 | 2 | 2 | 2 | 8 | 315 |
| | | Mixed | 2 | 2 | 2 | 2 | 8 | 406 |
| | Non-deprived | Protestant | 2 | 2 | 2 | 2 | 8 | 391 |
| | | Roman Catholic | 2 | 2 | 2 | 2 | 8 | 60 |
| | | Mixed | 2 | 2 | 2 | 2 | 8 | 272 |
| Total | | | 24 | 24 | 24 | 24 | 96 | 5022 |

Table 2: Design Strata by 2001 Census Household Count

| Design Strata | | | Design Variables | | | | Total Households | |
|---------------|--------------|----------------|------------------|-------------|---------------------|-------------|------------------|----------------|
| | | | Post-out | | Enumerator Delivery | | | |
| | | | Income | No Income | Income | No Income | In 2007 Test | In whole of NI |
| Urban | Deprived | Protestant | 327 | 338 | 235 | 218 | 1118 | 77804 |
| | | Roman Catholic | 289 | 254 | 267 | 316 | 1126 | 80515 |
| | | Mixed | 272 | 223 | 267 | 293 | 1055 | 47974 |
| | Non-deprived | Protestant | 241 | 290 | 303 | 236 | 1070 | 98940 |
| | | Roman Catholic | 243 | 272 | 222 | 297 | 1034 | 21567 |
| | | Mixed | 324 | 274 | 208 | 236 | 1042 | 103982 |
| Rural | Deprived | Protestant | 204 | 310 | 334 | 242 | 1090 | 16102 |
| | | Roman Catholic | 248 | 306 | 310 | 310 | 1174 | 38818 |
| | | Mixed | 239 | 275 | 348 | 317 | 1179 | 50455 |
| | Non-deprived | Protestant | 298 | 486 | 412 | 244 | 1440 | 48830 |
| | | Roman Catholic | 298 | 327 | 399 | 350 | 1374 | 7534 |
| | | Mixed | 419 | 299 | 338 | 280 | 1336 | 34197 |
| Total | | | 3402 | 3654 | 3643 | 3339 | 14038 | 626718 |