

Sampling Errors

The analyses in this report are subject to ‘sampling error’, i.e. there is a chance that the number of cases in the sample may produce population estimates that are slightly lower or slightly higher than the true population value. An indication of the effect of these sampling errors can be gained from the tables of ‘confidence intervals’ below. The size of this range is usually indicated by a “95% confidence interval” i.e. there is only a 1 in 20 chance that the true value lies outside of this range. Usually this interval is approximately symmetric so, for example, an estimate of 10,000 is really showing that the true value lies in the range of 9,146 to 10,854.

Warning: Figures in italics should be used with caution.

The above method applies only to estimates of numbers of claimants and not to other characteristics.

| Estimated Value | 95% Confidence Interval | Confidence interval as a % of the Estimate |
|-----------------|-------------------------|--|
| 100 | +/-86 | +/-86% |
| 200 | +/-121 | +/-61% |
| 300 | +/-148 | +/-49% |
| 400 | +/-171 | +/-43% |
| 500 | +/-191 | +/-38% |
| 600 | +/-209 | +/-35% |
| 700 | +/-226 | +/-32% |
| 800 | +/-242 | +/-30% |
| 900 | +/-256 | +/-28% |
| 1000 | +/-270 | +/-27% |
| 2000 | +/-382 | +/-19% |
| 3000 | +/-468 | +/-16% |
| 4000 | +/-540 | +/-14% |
| 5000 | +/-604 | +/-12% |
| 6000 | +/-662 | +/-11% |
| 7000 | +/-715 | +/-10% |
| 8000 | +/-764 | +/-10% |
| 9000 | +/-811 | +/-9% |
| 10000 | +/-854 | +/-9% |
| 20000 | +/-1,208 | +/-6% |
| 30000 | +/-1,480 | +/-5% |
| 40000 | +/-1,709 | +/-4% |
| 50000 | +/-1,910 | +/-4% |
| 100000 | +/-2,702 | +/-3% |
| 200000 | +/-3,821 | +/-2% |
| 300000 | +/-4,679 | +/-2% |