**SIMD16 Methodology**

### Employment domain
- Unemployment Claimant Count averaged over 12 months
- Working age Incapacity Benefit or Employment Support Allowance recipients
- Working age Severe Disablement Allowance recipients

### Income domain
- Income Support and Income-based Employment Support Allowance claimants (16-59)
- Job Seekers Allowance and Guaranteed Pension Credit Claimants (All ages)
- Universal Credit claimants with no employment marker
- Number of children in JSA, IS or ESA households
- Number of adults and children dependent on adults in receipt of tax credits

### Crime domain
- Recorded SIMD crime rates for the following indicators:
  - Domestic house breaking
  - Drug offences
  - Common assault
  - Crimes of violence
  - Vandalism
  - Sexual offences

### Housing domain
- Persons in households which are overcrowded
- Persons in households without central heating

### Health domain
- Standardised Mortality Ratio
- Hospital stays related to alcohol misuse
- Hospital stays related to drug misuse
- Comparative Illness Factor
- Emergency stays in hospital
- Proportion of population being prescribed drugs for anxiety, depression or psychosis
- Proportion of live singleton births of low birth weight

### Education domain
- School pupil attendance
- School pupil performance
- Working age people with no qualifications
- 17-21 year olds enrolling into full time higher education
- School leavers aged 16-19 not in education, employment or training

### Access domain
- Drive time sub-domain (weight = 2/3)
- Drive time to GP, to retail centre, to petrol station, to primary and secondary schools, to post office
- Public transport sub-domain (weight = 1/3)
  - Public transport time to GP
  - Public transport time to retail centre, to post office

### Data zone working age population
- Indicator counts summed and divided by population denominator to create domain score for each data zone.

### Data zone total population

### Domain score
- Domain score is ranked to create domain rank. Each domain rank is standardised and transformed to an exponential distribution, these values are combined using the weights shown below.

### Overall SIMD score
- This creates the overall SIMD score for each data zone, which is ranked to create the overall SIMD rank.