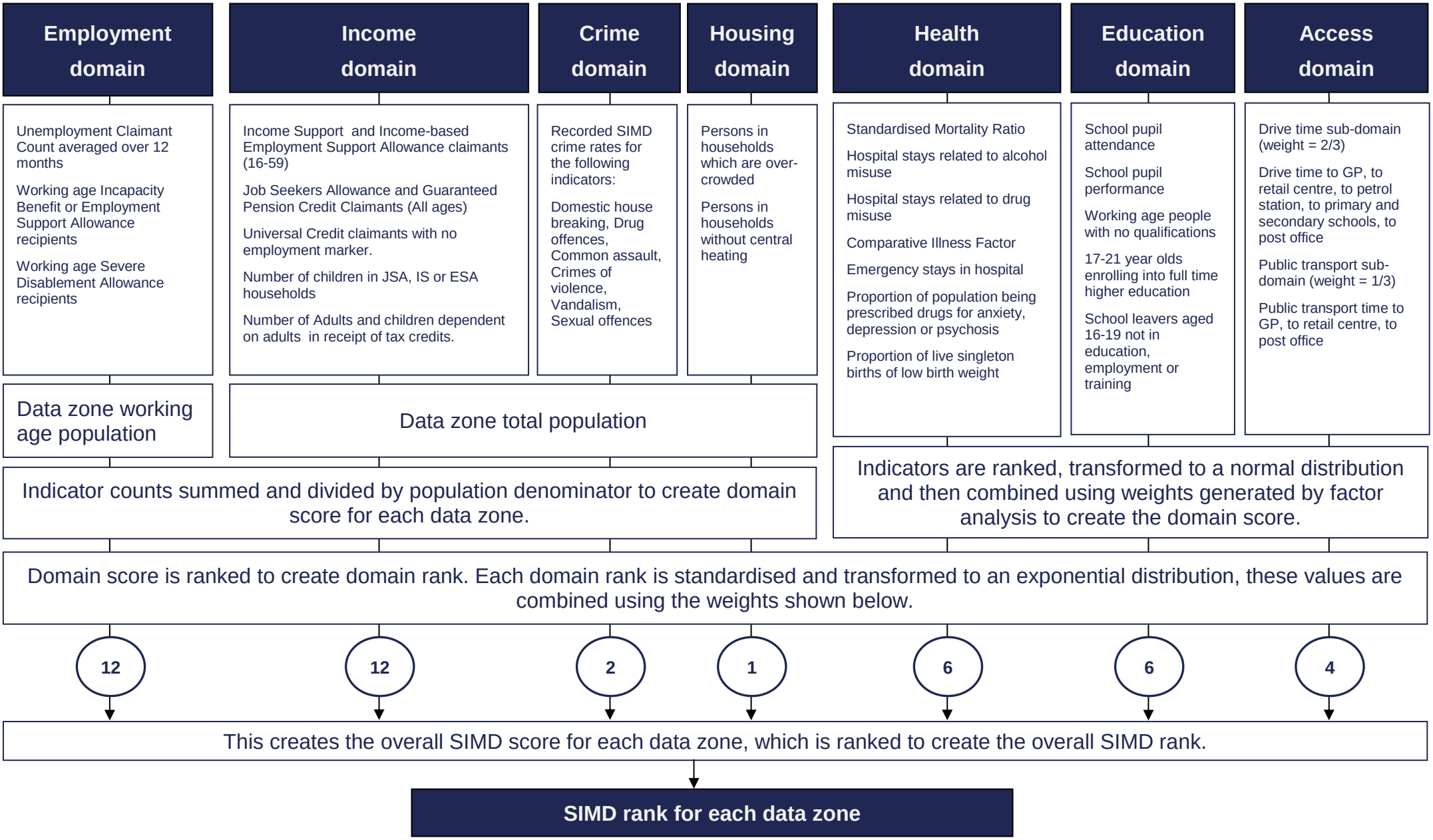SIMD16 Methodology