

**APPENDIX 2: COMPONENTS OF EACH PROVINCE INDEX OF MULTIPLE DEPRIVATION**

**INCOME AND MATERIAL DEPRIVATION DOMAIN**

People living in a household that has a household income below 40% of the mean equivalent household income (A)  
 People in a household without a fridge (B)  
 People in a household with neither a TV nor a radio (C)

(People experiencing A or B or C) / Ward total population  
**INCOME AND MATERIAL DEPRIVATION**

**STANDARDISE DOMAIN AND TRANSFORM TO EXPONENTIAL DISTRIBUTION**

**20%**

**EMPLOYMENT DEPRIVATION DOMAIN**

People aged 15-65 who are unemployed (official definition) (A)  
 People aged 15-65 who are not working because of illness or disability (B)

$(A+B) / ((\text{Ward economically active population aged 15-65}) + B)$   
**EMPLOYMENT DEPRIVATION DOMAIN SCORE**

**STANDARDISE DOMAIN AND TRANSFORM TO EXPONENTIAL DISTRIBUTION**

**20%**

**HEALTH DEPRIVATION DOMAIN**

Years of potential life lost (A)

APPLY 'SHRINKAGE' PROCEDURE TO A

**HEALTH DEPRIVATION DOMAIN SCORE**

**STANDARDISE DOMAIN AND TRANSFORM TO EXPONENTIAL DISTRIBUTION**

**20%**

**EDUCATION DEPRIVATION DOMAIN**

People aged 18-65 with no schooling at secondary level or above (A)

A / Ward population aged 18-65  
**EDUCATION DEPRIVATION DOMAIN SCORE**

**STANDARDISE DOMAIN AND TRANSFORM TO EXPONENTIAL DISTRIBUTION**

**20%**

**LIVING ENVIRONMENT DEPRIVATION DOMAIN**

People in a household without piped water in their dwelling or yard or within 200 metres (A)  
 People in a household without a pit latrine with ventilation or flush toilet (B)  
 People in a household without use of electricity for lighting (C)  
 People in a household without access to a telephone (D)  
 People living in shack (E)  
 People in a household with 2 or more people per room (F)

(People experiencing A or B or C or D or E or F) / Ward total population  
**LIVING ENVIRONMENT DOMAIN SCORE**

**STANDARDISE DOMAIN AND TRANSFORM TO EXPONENTIAL DISTRIBUTION**

**20%**

**WEIGHT INDIVIDUAL DOMAIN EXPONENTIAL SCORES AS SHOWN AND COMBINE TO PRODUCE A PROVINCE INDEX OF MULTIPLE DEPRIVATION (PIMD)**