**Life table according to age, sex and individual’s education, or occupation or wage for the England & Wales population in 2011**

The data contained in these files are aggregated data from the ONS Longitudinal Study (ONS LS). The ONS LS is a long-term census-based multi-cohort study. It uses four annual birthdates as random selection criteria, giving a 1% sample of the England and Wales population ([10.1093/ije/dyy243](https://doi.org/10.1093/ije/dyy243)). The initial sample was drawn from the 1971 Census, and study members’ census records have been linked every 10 years up to the 2011 Census. New members enter the study through birth or immigration, and existing members leave through death or emigration. Vital life events information (births, deaths and cancer registrations) are also linked to sample members’ records.

**File lifetab\_2011\_educ.csv**

**Life table according to age, sex and education level for the England & Wales population in 2011**

age x: attained age (years) from 20 to 100

sex: 2 categories: male (m) and female (f)

educ: 6 categories of highest educational attainment: A: no qualifications; B: 1-4 GCSEs/O levels; C: 5+ GCSEs/O levels, D: Apprenticeships/Vocational qualifications, E: A/AS levels, F: Degree/Higher Degree

mx: mortality rate for 1 person-year

qx: annual probability of death ( = 1 - exp(-mx) )

ex: life-expectancy (years)

**File lifetab\_2011\_inc.csv**

**Life table from age 20 onwards and according to age, sex and income level for the England & Wales population in 2011**

age x: attained age (years) from 20 to 100

sex: 2 categories: male (m); female (f)

inc: 5 categories of income: Least deprived; 4; 3; 2; Most deprived

mx: mortality rate for 1 person-year

qx: annual probability of death ( = 1 - exp(-mx) )

ex: life-expectancy (years)

**File lifetab\_2011\_occ.csv**

**Life table from age 20 onwards and according to age, sex and occupation for the England & Wales population in 2011**

age x: attained age (years) from 20 to 100

sex: 2 categories: male (m); female (f)

occ: 3 categories of occupation: C: Technical/Routine; B: Intermediate; A: Managerial/Administrative/Professional

mx: mortality rate for 1 person-year

qx: annual probability of death ( = 1 - exp(-mx) )

ex: life-expectancy (years)

**File lifetab\_2011\_overall.csv**

**Life table from age 20 onwards and according to age and sex for the England & Wales population in 2011**

age x: attained age (years) from 20 to 100

sex: 2 categories: male (m); female (f)

mx: mortality rate for 1 person-year

qx: annual probability of death ( = 1 - exp(-mx) )

ex: life-expectancy (years)

**More details can be found in the following paper:**

Ingleby F, Woods L, Atherton I, Baker M, Elliss-Brookes L, Belot A. (2021). Describing socio-economic variation in life expectancy according to an individual's education, occupation and wage in England and Wales: An analysis of the ONS Longitudinal Study. *SSM - Population Health,* doi: [10.1016/j.ssmph.2021.100815](http://dx.doi.org/10.1016/j.ssmph.2021.100815)

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