



Additional Variables for the United Kingdom Supplement of the Multinational Time Use Study

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Professor Jonathan Gershuny, then at the University of Bath, created the Multinational Time Use Study in the 1980s to compare daily activities in the United Kingdom with the behaviour of people in other countries where national sample time use surveys were publicly available. As a consequence, some of the time use categories in the original 41 activity code list are activities of greater relevance in the UK than in many other countries (AV26 – time at social clubs, or AV27 – time at pubs). The background variables available for many time use studies, especially older surveys, tend to be limited. Again, as the MTUS was designed for comparison with the UK, the majority of variables which can be harmonised from UK data are already included in the MTUS.

Three variables which include original survey categories in the MTUS to enable users to make their own customised harmonisation for small subsets of surveys (EDUCA – highest educational qualification; INCORIG – gross monthly household income; and EMPINCLM – gross personal labour income from the last month). Users already can apply the labels found in the documentation files for each survey to the UK data to produce more detailed education and income variables. The supplement files make the process easier as the labels are included in these files (as the UK supplement files are offered as separate files for each survey and the lack of harmonisation across the files does not matter in this format).

While only a very limited set of additional variables can be harmonised across time for the United Kingdom, these variables nonetheless may have value for some research. As seems fitting for a dataset originated in and maintained in the United Kingdom, we thus offer these additional variables in a file which also include the labels applied to the original income and education variables.

To preserve the original survey labels, we offer these supplementary files separately for each survey. Users merging the files together will need to rename these variables in each file before merging to retain the correct labels for each case. These supplementary files cover diarists of all ages covered in the original survey. Each row case represents one diary – as one variable is diary specific. Thus there is one row case per diary.



Additional Variables for the United Kingdom Supplement Files

| Variable name | Variable label | Values |
|--|------------------------------------|---|
| Identifiers to allow merging with main MTUS files for the United Kingdom | | |
| Survey | Year survey began | 1974, 1983, 1987, 1995, 2000, 2005 |
| Hldid | Household identifier | |
| Persid | Person/diarist identifier | |
| Id | Diary identifier | |
| Duplicate MTUS variables for basic analysis using these files | | |
| Sexd | Sex – duplicate in supplement | -8 missing 1 man 2 woman |
| aged | Age – duplicate in supplement | -8 missing 80 aged 80 or more |
| Variables with original survey labels | | |
| Incolab | Original household income labelled | 1974-1975 -9 not included in this survey 1983-1984 1 <£2000 2 £2000-£2999 3 £3000-£3999 4 £4000-£4999 5 £5000-£5999 6 £6000-£6999 7 £7000-£7999 8 £8000-£9999 9 £10,000-£11,999 10 £12,000-£14,999 11 £15,000-£19,999 12 £20,000 or more 97 missing 98 missing 99 missing 1987 -8 missing in original data continuous variable from 0-2660 1995 -8 missing in original data |



| | | |
|---------|---|---|
| incolab | Original household income labelled – 1995 continued | <p>1 less than 1000</p> <p>2 1000 - 1999</p> <p>3 2000 - 2999</p> <p>4 3000 - 3999</p> <p>5 4000 - 4999</p> <p>6 5000 - 5999</p> <p>7 6000 - 6999</p> <p>8 7000 - 7999</p> <p>9 8000 - 8999</p> <p>10 9000 - 9999</p> <p>11 10000 - 10999</p> <p>12 11000 - 11999</p> <p>13 12000 - 12999</p> <p>14 13000 - 13999</p> <p>15 14000 - 14999</p> <p>16 15000 - 17499</p> <p>17 17500 - 19999</p> <p>18 20000 - 24999</p> <p>19 25000 - 29999</p> <p>20 30000 - 39999</p> <p>21 40000 or more</p> <p>98 no source of income</p> <p>99 refused</p> <p>2000-2001</p> <p>-8 missing</p> <p>1 < £ 2,610</p> <p>2 £2,610 - £5,210</p> <p>3 £5,210 - £10,430</p> <p>4 £10,430 - £15,640</p> <p>5 £15,640 - £20,860</p> <p>6 £20,860 - £33,800</p> <p>7 £33,800 - £41,000</p> <p>8 £41,000 - £46,000</p> <p>9 £46,000 - £55,000</p> <p>10 £55,000 - £80,000</p> <p>11 £80,000 or more</p> <p>2005</p> <p>-9 not included in this survey</p> |
|---------|---|---|



| educalab | Original education labelled | |
|----------|-----------------------------|--|
| | | <p>1974-1975</p> <ul style="list-style-type: none"> -8 missing 1 left school at age 15 or less 2 left school aged 16 3 left school aged 17 4 left school aged 18 5 left school aged 19 6 left school aged 20 7 left school aged 21 or more 8 still studying <p>1983-1984</p> <ul style="list-style-type: none"> 1 no qualification 2 CSE 2-5 3 CSE 1 – GSE O 4 ONC 5 HNC 6 City & Guilds 7 Full apprenticeship 8 GCE A Level 9 Teacher training 10 Nursing qualification 11 Other professional/diploma 12 Degree <p>1987</p> <ul style="list-style-type: none"> -8 missing in original data -7 not asked of diarist 0 child in school 1 no qualifications, adult 2 CSE, not 1, England & Wales 3 O-Level, CSE, SCM 4 CGSE A-Level 5 SCE O or lowers, Scotland 6 other non-significant qualification 7 Scottish higher 8 certificate of 6th year of study 9 City & Guilds 10 ONC, OND, SNC, SND 11 Scottish Vec national certificate 12 Scottish BEC Tech cert CD |



| | | |
|-----------------|---|---|
| <p>educalab</p> | <p>Original education labelled – 1987 continued</p> | <p>13 clerical or commercial qualification 14 apprenticeship 15 significant other qualification 16 HNC, HND, SHNC, SHND 17 professional qualification, no exam 18 teaching degree 19 nursing degree 20 university certificate or diploma 21 university degree</p> <p>1995</p> <p>-8 missing in original data 1 "up to 14" 2 15-18 3 19-25 4 over 25 5 still in education 6 no education</p> <p>2000-2001</p> <p>-8 missing 1 degree level or above 2 HNC, nursing qualification 3 A levels, vocational level 3 4 O-Level, GCSE A-C, vocational level 2 5 GCSE below C, vocational level 1 6 trade apprenticeship 7 other (professional, foreign) 8 has qualification, no detail 9 GCSE, grade not known 10 City & Guilds, level not known 11 other, level not known 12 no qualification 13 eligible, no answer 14 aged <16, not asked</p> <p>2005</p> <p>1 Degree or higher degree 2 Higher educational qualification</p> |
|-----------------|---|---|



| | | |
|----------|--|--|
| educalab | Original education labelled – 2005 continued | below degree level 3 A level or higher 4 ONC/BTEC 5 O-level or GCSE grade A-C 6 GCSE grade D-Gor CSE grade 2-5 7 other qualification, including foreign 8 no formal qualifications 99 don't know |
| empinlab | Income from employment labelled | 1974-1975 -9 not included in this survey 1983-1984 -9 not included in this survey 1987 -8 missing in original data -7 not asked or not relevant 1995 -9 not included in this survey 2000-2001 -8 missing -7 not applicable 1 <£215 2 £215 to < £435 3 £435 to < £870 4 £870 to < £1305 5 £1305 to < £1740 6 £1740 to < £2820 7 £2820 to < £3420 8 £3420 to < £3830 9 £3830 to < £4580 10 £4580 to < £6670 11 £6670 or more 12 eligible, refused 2005 -99 no information recorded 1 Up to £519 2 £520 up to £1,039 |



| | | |
|----------|---|---|
| empinlab | Income from employment labelled – 2005 continued | 3 £1,040 up to £1,559 4 £1,560 up to £2,079 5 £2,080 up to £2,599 6 £2,600 up to £3,119 7 £3,120 up to £3,639 8 £3,640 up to £4,159 9 £4,160 up to £4,679 10 £4,680 up to £5,199 11 £5,200 up to £6,239 12 £6,240 up to £7,279 13 £7,280 up to £8,319 14 £8,320 up to £9,359 15 £9,360 up to £10,399 16 £10,400 up to £11,439 17 £11,440 up to £12,479 18 £12,480 up to £13,519 19 £13,520 up to £14,559 20 £14,560 up to £15,599 21 £15,600 up to £16,639 22 £16,640 up to £17,679 23 £17,680 up to £18,719 24 £18,720 up to £19,759 25 £19,760 up to £20,799 26 £20,800 up to £23,399 27 £23,400 up to £25,999 28 £26,000 up to £28,599 29 £28,600 up to £31,199 30 £31,200 up to £33,799 31 £33,800 up to £36,399 32 £36,400 up to £38,999 33 £39,000 up to £41,599 34 £41,600 up to £44,199 35 £44,200 up to £46,799 36 £46,800 up to £49,399 37 £49,400 up to £51,999 38 £52,000 or more 97 No source of income 98 Refused 99 Don't know |
|----------|---|---|



| UK supplement only variables | | |
|------------------------------|--|---|
| region | Country / English region | -9 not included in survey -8 missing 1 North of England 2 English Midlands 3 East of England 4 London and South East 5 South West of England 6 Wales 7 Scotland 8 Northern Ireland |
| aglftsch | Age left formal schooling | -9 not included in survey -8 missing 0 still in school 15 aged 15 or younger 16 to 20 means that age 21 aged 21 or older |
| ethnic | Ethnic group of diarist | -9 not included in survey -8 missing 1 White 2 Black 3 Indian, Pakistani or Bangladeshi 4 Others |
| animal | Average minutes spent with animals per diary for this respondent | -9 not included in survey |



Frequency distributions for additional variables.

| Variable | Categories | 1961 | 74-75 | 83-84 | 1987 | 1995 | 00-01 | 2005 | |
|----------|---------------------------|------|-------|-------|-------|------|-------|------|--|
| region | -9 not included in survey | | NA | NA | NA | NA | NA | NA | |
| | -8 missing | | 2 | 119 | NA | NA | NA | NA | |
| | 1 North of England | | 5141 | 2926 | 3249 | 528 | 5313 | 1313 | |
| | 2 English Midlands | | 2696 | 1659 | 1226 | 333 | 3539 | 831 | |
| | 3 East of England | | 2014 | NA | NA | 89 | 2155 | 458 | |
| | 4 London and South East | | 5006 | 2478 | NA | 596 | 4339 | 1211 | |
| | 5 South West of England | | 1629 | 511 | 1947 | 197 | 1952 | 454 | |
| | 6 Wales | | 1683 | 735 | NA | 95 | 992 | 246 | |
| | 7 Scotland | | 2081 | 1932 | 4910 | 167 | 2164 | 428 | |
| | 8 Northern Ireland | | NA | NA | NA | NA | 526 | NA | |
| aglftsch | -9 not included in survey | | NA | NA | 11332 | NA | NA | NA | |
| | -8 missing | | 138 | 77 | NA | 1 | 1408 | 8 | |
| | 0 still in school | | 5184 | 889 | NA | 68 | 3114 | 152 | |
| | 15 aged 15 or younger | | 9966 | 4795 | NA | 805 | 5522 | 1442 | |
| | 16 | | 2401 | 2506 | NA | 512 | 5298 | 1389 | |
| | 17 | | 946 | 644 | NA | 154 | 1533 | 421 | |
| | 18 | | 550 | 469 | NA | 145 | 1568 | 418 | |



| | | | | | | | | | |
|----------|--|------|-------------------|-------------------|------------------|---------------|-----------------|---------------|--|
| | 19 | | 172 | 182 | NA | 38 | 418 | 133 | |
| | 20 | | 87 | 336 | NA | 29 | 236 | 64 | |
| | 21 aged 21 or older | | 808 | 462 | NA | 253 | 1883 | 914 | |
| Variable | Categories | 1961 | 74-75 | 83-84 | 1987 | 1995 | 00-01 | 2005 | |
| ethnic | -9 not included in survey -8 missing -7 not asked of diarist | | 20252 NA NA | 10360 NA NA | NA NA 5671 | NA 6 NA | NA 369 NA | NA 9 NA | |
| | 1 White | | NA | NA | 5618 | 1980 | 19711 | 4627 | |
| | 2 Black | | NA | NA | 0 | 31 | 192 | 89 | |
| | 3 Indian, Pakistani or Bangladeshi | | NA | NA | 36 | 28 | 495 | 141 | |
| | 4 Others | | NA | NA | 7 | 32 | 213 | 75 | |
| animal | Minimum | | 0 min | 0 min | 0 min | NA | 0 min | 0 min | |
| | Maximum | | 6 hrs | 12.8 hrs | 900 min | NA | 12 hrs | 6.9 hrs | |
| | Mean | | 3.4 min | 10 min | 14 min | NA | 11 min | 9 min | |
| | Median | | 0.0 min | 0.0 min | 0 min | NA | 0 min | 0 min | |
| | Standard deviation | | 16.56 | 24.23 | 42.84 | NA | 34.00 | 31.00 | |