

Introducing this annex of sources

This annex lists the sources used in the preparation of the NHBC Foundation guide *40 facts: homes, housing and house building today (NF81)*.

There are 40 sections in the guide, each supported by a number of sources of data and information. In this annex, each individual source is listed, in most cases with a link to a landing page within the relevant website, or with a link that triggers a download. Where appropriate, directions are provided from a landing page to the specific resource used. Where data was obtained through search fields, the selection options used in the research are indicated. In a few cases the sources have been made available by special request to the analyst undertaking this research, and readers may need to seek permission for their own access.

Every effort has been made to ensure that the data used is correct as at June/July 2018. However it should be appreciated that new surveys and research regularly provide new data which progressively informs and updates our understanding. In addition, over time, website content and structure may change, making some links obsolete and in some cases to material becoming unavailable.

The sources are presented in five sections, following the structure of the main guide:

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The sources

DEFRA: Department for Environment, Food and Rural Affairs

MHCLG: Ministry of Housing, Communities & Local Government

ONS: Office for National Statistics

> : click/select next page or section of source

Who we build for

1 How fast is the UK population growing?

1a Population estimates

ONS. Dataset: Population Estimates for UK, England and Wales, Scotland and Northern Ireland

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland

Mid-2016 detailed time series / Supporting files you may find useful / UK and regional population estimates 1838 to 2016 > UK Population Estimates 1838-2016 > Table 1:

Population estimates for the UK, Mid-1851 to Mid-2016 (*downloaded 27.06.18*)

1b Comparable population growth rates

Bank of England. A millennium of macroeconomic data for the UK (Version 3.1)

www.bankofengland.co.uk/-/media/boe/files/statistics/research-datasets/a-millennium-of-macroeconomic-data-for-the-uk.xlsx

Table: A18 > Population in the UK and Ireland, 000s, 1086-2016 / Great Britain and Northern Ireland (bottom up measure) series (*downloaded 27/6/2018*)

1c Population projections

ONS. Population projections

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections

Population projections: Table A1-1, Principal projection - UK summary > 2016 based (*downloaded 27.06.18*)

1d Migration statistics (1966 to 1990)

ONS. UK Perspectives 2016: International migration to and from the UK

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/articles/ukperspectives2016internationalmigrationtoandfromtheuk/2016-05-26

Chart: Long-Term International Migration, UK, 1964 to 2015 (*downloaded 27.06.18*)

1e Migration statistics (1991 to 2016)

ONS. Overview of the UK population: July 2017

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/articles/overviewoftheukpopulation/july2017

Figure 6: UK emigration, immigration and net migration, 1991 to 2016 (*downloaded 27.06.18*)

2 How is the UK population changing regionally?

Regional population change

ONS. Population estimates from Nomis

www.nomisweb.co.uk

Data Downloads / Query data > Population Estimates / Projections: Population estimates - local authority based by single year of age (1991 to 2017) > Appropriate fields selected to extract national, regional and age data (*downloaded 27.06.18*)

3 What's the average household size in the UK?

3a Households: overview

ONS. Statistical bulletin: Families and Households: 2017
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/bulletins/familiesandhouseholds/2017 (viewed 26.07.18)

3b UK Household growth 2007 to 2017

ONS. Dataset: Families and households
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/datasets/familiesandhouseholds
Current > Table 5: Households by size, United Kingdom, 1996-2017 (downloaded 27.06.18)

3c EU household size data

Eurostat. Household composition statistics
ec.europa.eu/eurostat/statistics-explained/index.php/Household_composition_statistics#Household_size
See: Household size (viewed 27.06.18)

3d Census data

ONS. Statistical bulletin: 2011 Census: Population and household estimates for the United Kingdom, March 2011
www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/populationandhouseholdestimatesfortheunitedkingdom/2011-03-21
See: 6 Households and 8 Average household size (downloaded 27.06.18)

4 How fast is the growth in UK households?

4a Households in regions

ONS. User requested data: Total number of households by region and country of the UK, 1996 to 2017
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/adhocs/005374totalnumberofhouseholdsbyregionandcountryoftheuk1996to2015
(downloaded 27.06.18)

5 How is the shape of UK households changing?

5a Overview

ONS. Statistical bulletin: Families and Households: 2017
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/bulletins/familiesandhouseholds/2017 (viewed 27.06.18)

5b UK Household growth 2007 to 2017

ONS. Dataset: Families and households
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/datasets/familiesandhouseholds
Current > Table 7: Households by type of household and family (downloaded 27.06.18)

5c Young adults living with parents

ONS. Dataset: Young adults living with their parents
www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/families/datasets/you
Current > Table: Young adults aged 15-34 living with their parents by age and sex, UK, 1996 to 2017 (downloaded 27.06.18)

5d Introduction to multigenerational homes

NHBC Foundation. Multigenerational living: an opportunity for UK house builders? (NF77)
<https://www.nhbcfoundation.org/publication/multigenerational-living-an-opportunity-for-uk-house-builders/> (downloaded 25.07.18)

5e People living alone in 1961

ONS. Statistical bulletin: 2011 Census: Population and household estimates for the United Kingdom, March 2011

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/populationandhouseholdestimatesfortheunitedkingdom/2011-03-21

See 9. Number of people in households (*downloaded 27.06.18*)

6 How are the numbers within UK home-buyer groups changing?

6a Population estimates

ONS. Dataset: Estimates of the population for the UK, England and Wales, Scotland and Northern Ireland

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland

Mid-2016 detailed time series / Supporting files you may find useful / UK and regional population estimates 1838 to 2016 > UK Population Estimates 1838-2016 > Table 3: Population estimates for the UK, by sex and single year of age, Mid-1971 to Mid-2016 (*downloaded 27.06.18*)

6b Population projections

ONS. Population projections

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections

Datasets related to population projections / Z1 - Zipped population projections data files, UK > 2016 based > File: uk_ppp_opendata2016 > 2016-based National Population Projections (*downloaded 27.06.18*)

7 How are the age profiles of rural and urban populations changing in England?

7a Overview

DEFRA. Official Statistics: Rural population 2014/15

<https://www.gov.uk/government/publications/rural-population-and-migration/rural-population-201415> (*viewed 27.06.18*)

7b Average age

DEFRA. Official Statistics: Rural population and migration statistics

www.gov.uk/government/statistics/rural-population-and-migration

Rural population and migration > Table p6: Average age of the population in rural and urban areas in England, 2002 to 2016

(*viewed 27.06.18*)

7c Population growth

DEFRA. Official Statistics: Rural population and migration statistics

www.gov.uk/government/statistics/rural-population-and-migration

2001 to 2015 rural urban population data / Download CSV (*downloaded 27.06.18*)

8 How densely populated is the UK?

8a UK and constituent countries, population densities, 1961 to 2011

ONS. Statistical bulletin: 2011 Census: Population and household estimates for the United Kingdom, March 2011

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/populationandhouseholdestimatesfortheunitedkingdom/2011-03-21

Table 2: Population density (*downloaded 27.06.18*)

8b Updating population densities to 2016

ONS. Population estimates

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates

Population estimates / Time series related to population estimates > UK; England; Wales; Scotland; Northern Ireland (downloaded 20.06.18)

Densities calculated from 2016 population and the land area data used for Census 2011

8c European population densities, 2016

Eurostat. Population density, persons per km²

<https://ec.europa.eu/eurostat/web/products-datasets/-/tps00003>

(data extracted 20.06.18)

Land use and where we build

9 How urbanised is the UK?

9a Levels of urbanisation in 2016

World Bank. World Development Indicators

https://data.worldbank.org/indicator/SP.URB.TOTL.IN.ZS?view=chart&year_high_desc=false

Urban population (% of total) (downloaded 27.06.18)

9b Projected levels of urbanisation by 2050

United Nations. Population Division, World Urbanization Prospects 2018

<https://esa.un.org/unpd/wup/Download/>

File 2: Percentage of Population at Mid-Year Residing in Urban Areas by region, sub-region and country, 1950-2050 (downloaded 27.06.18)

10 Where are the most homes being planned?

10a Planning data

Home Building Federation. Housing pipeline report - Q4 2017 report

<http://www.hbf.co.uk/news/housing-pipeline-report-q4-2017-report-published-may-2018/>

(downloaded 28.06.18)

10b Population statistics

See source for 2

11 How much land is protected from development?

11a Overview

House of Commons Library. Briefing Paper 00934, Green Belt

<https://researchbriefings.parliament.uk/ResearchBriefing/Summary/SN00934>

(downloaded 28.06.18)

11b History

Building Centre Website. Beyond the Green Belt: Past, the last 80 years

<http://www.buildingcentre.co.uk/beyond-the-green-belt-past-the-last-80-years>

(viewed 27.06.18)

11c Statistics

MHCLG. Collection: Green Belt Statistics:

<http://www.gov.uk/government/collections/green-belt-statistics>

Local authority green belt statistics for England: 2016 to 2017 > Annex tables 1, 2, 3

(downloaded 28.06.18)

11d Protected area

MHCLG. National Statistics: Local authority green belt statistics for England: 2016 to 2017
www.gov.uk/government/statistics/local-authority-green-belt-statistics-for-england-2016-to-2017

See Context (downloaded 28.06.18)

11e Wales, Scotland and Northern Ireland

Landscape Institute, Landscape Briefing 2018: Green Belt policy

<http://www.landscapeinstitute.org/policy/green-belt-policy/>

Landscape Briefing April 2018: Green Belt policy / Appendix 2: Green belt locations and policies in the UK (downloaded 28.06.18)

Note: Reliable area statistics were not found for these.

12 What kind of land is taken by new homes?

12a Overview

MHCLG, National Statistics: Land use change statistics 2016 to 2017

www.gov.uk/government/statistics/land-use-change-statistics-2016-to-2017

Documents / Land use change statistics 2016 to 2017 (downloaded 27.06.18)

12b Land used for housing

MHCLG. Statistical data set: Live tables on land use change statistics

www.gov.uk/government/statistical-data-sets/live-tables-on-land-use-change-statistics

2016 to 2017 land-use based change tables > Table P370 (downloaded 27.06.18)

12c Proportion of homes built on brownfield land, England

MHCLG. Statistical data set: Live tables on land use change statistics

www.gov.uk/government/statistical-data-sets/live-tables-on-land-use-change-statistics

2016 to 2017 residential address change tables > Table P300 (downloaded 27.06.18)

12d Numbers of homes built: infographic

MHCLG. Statistical data set: Live tables on housing supply: net additional dwellings

www.gov.uk/government/statistical-data-sets/live-tables-on-net-supply-of-housing

Table 120: components of housing supply; net additional dwellings, England 2006-07 to 2016-17 (downloaded 27.06.18)

12e Historical figures for share of brownfield land

MHCLG. Statistical data set: Live tables on land use change statistics

www.gov.uk/government/statistical-data-sets/live-tables-on-land-use-change-statistics

Discontinued live tables / Tables P221 to P226: land use change: residential land > Table

P226: Land Use Change: previous use of land changing to residential use, England, 1989-2011 (downloaded 27.06.18)

13 How much UK land is taken for housing?

13a Land use data

Eurostat. Land cover/use statistics (LUCAS) Database

<https://ec.europa.eu/eurostat/web/lucas/data/database>

Land use overview by NUTS 2 regions (lan_use_ovw) Data for areas and percentages for 2015 (downloaded on 27.06.18 for EU current composition, UK, English regions, Wales, Scotland and Northern Ireland. The percentage for England is derived from English regions)

Note: Commercial & community services is residual of 'Services and residential' once residential is separated out. Hunting is 'Other primary production'.

13b Land cover data

Eurostat. Land cover/use statistics (LUCAS) Database

<https://ec.europa.eu/eurostat/web/lucas/data/database>

Land cover overview by NUTS 2 regions (lan_lcv_ovw)

(data for UK 'built-up areas' downloaded 27.06.18)

14 What kinds of settlements do people live in?

Rural/urban settlements

MHCLG. National Statistics: English Housing Survey 2016 to 2017: headline report
www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report
English Housing Survey headline report 2016 to 2017: section 2 housing stock tables > Annex Table AT2.1: Stock profile, 2016 (downloaded 28.06.18)
Note: Rural includes: rural residential, village centre and rural. Urban includes: city centre and other urban centre.

The homes we live in

15 How many homes are there in the UK?

15a England, Wales and Scotland

MHCLG. Dwelling Stock
www.gov.uk/government/statistical-data-sets/live-tables-on-dwelling-stock-including-vacants
Live tables 104, 106, 107 (downloaded 28.06.18)
For 2017 an estimate was made based on recent growth, as no figure was available, this will have no significant impact on the overall numbers.

15b Northern Ireland

Northern Ireland Department of Communities. Housing statistics 2016-17
www.communities-ni.gov.uk/publications/northern-ireland-housing-statistics-2016-17
Northern Ireland Housing Statistics 2016-17 Section 1 Tables – Supply > Table T1.2 (downloaded 28.06.18)

16 Who owns UK housing and how is ownership changing?

16a UK owner occupation

See sources for 15

16b Housing tenure for England

MHCLG. National Statistics: English Housing Survey 2016 to 2017: headline report
www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report
English Housing Survey headline report 2016 to 2017: section 1 household tables > Annex Table AT1.1: Trends in tenure, 1980 to 2016-17 (downloaded 28.06.18)

16c Tenure by age for England

MHCLG. National Statistics: English Housing Survey 2016 to 2017: headline report
www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report
English Housing Survey headline report 2016 to 2017: section 1 household tables > Annex Table AT1.4: Age of household reference person, by tenure, 2003-04 to 2016-17 (downloaded 28.06.18)

17 How does the UK rate of home ownership compare internationally?

17a European home-ownership rates

Eurostat. Census Hub
<https://ec.europa.eu/eurostat/web/population-and-housing-census/census-data/database>
Census data / 2011 Census Hub > click Census Hub button > Show data on [select: families and households] Geographic level [select: Nations / Select all] Topics [select: Tenure status of households / Select all] (extracted 29.06.18)

17b US home ownership rate

Federal Reserve of St Louis (FRED), Homeownership Rate for the United States

<https://fred.stlouisfed.org/series/RHORUSQ156N>

Data for Q1 2018 (viewed 24.07.18)

17c Japan home ownership rate

Statistics Japan. 2013 House and Land Statistics Survey

<https://stats-japan.com/>

Categories: Household & Housing > Homeownership (see table)

(viewed 24.07.18)

17d Australia home ownership rate

Parliament of Australia: Trends in home ownership in Australia: a quick guide

http://www.aph.gov.au/About_Parliament/Parliamentary_Departments/Parliamentary_Library/pubs/rp/rp1617/Quick_Guides/TrendsHomeOwnership

See section: Trends in overall home ownership rates by household and person

Data for 2016 census (viewed 29.06.18)

17e Canada home ownership rate

Statistics Canada

www.statcan.gc.ca

Search website: 2016 census homeownership rate > The daily – housing in Canada: key results from the 2016 census (extracted 29.06.18)

18 What types of homes do UK people live in?

18a English housing stock

MHCLG. National Statistics: English Housing Survey 2016 to 2017: headline report

www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report

English Housing Survey headline report 2016 to 2017: section 2 housing stock tables > Annex

Table AT 2.1: Stock profile, 2016 (downloaded 28.06.18)

18b Scottish housing stock

Scottish Government. Scottish House Condition Survey 2016: Key Findings

www.gov.scot/Publications/2017/12/5401

Contents / Associated downloadable documents > File: Tables and Figures > Table 1:

Proportion of Occupied Dwellings by Age Band and Type, 2016 (Percentage of Whole Stock)

(downloaded 28.06.18)

18c Census 2011 caravans etc

ONS. Census 2011: from Nomis,

www.nomisweb.co.uk

Data Downloads / Query data > Census 2011/UK Key Statistics /KS401UK – Dwellings,

household spaces and accommodation type > Geography [select; Countries/United Kingdom]

Dwelling [deselect] Household spaces [select: Caravan or other mobile or temporary

structure] (downloaded 28.06.18)

19 What types of homes do other Europeans live in?

19a European home types

Eurostat. Distribution of population by degree of urbanisation, dwelling type and income

group - EU-SILC survey

appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ilc_lvho01&lang=en

BUILDING [select: Total], DEG_URB [select: Total] GEO [select: Nuts level, NUTS0], INCGRP

[select: Total], TIME [select: 2017,2016] (extracted 28.06.18)

20 How big are UK homes compared with those in other European countries?

20a English data

MHCLG. English Housing Survey,
www.gov.uk/government/statistical-data-sets/stock-profile
DA1101: stock profile > Table DA1101 (SST1.1) / Stock profiles for 2013,2014 and 2015: All dwellings/Average floor area (downloaded 29.06.18)

20b Scottish data

Scottish Government. Scottish House Conditions Surveys
www.gov.scot/Topics/Statistics/SHCS/Downloads
Key findings/SHCS Key findings 2015 > view as HTML > 2.Key attributes of the Scottish housing stock > 2.1.1 Dwelling size (floor area) same route for 2014 and 2013 (downloaded 29.06.18)

20c European data

Eurostat, Average size of dwelling by income quintile and tenure status, 2012
appsso.eurostat.ec.europa.eu/nui/show.do?lang=en&dataset=ilc_hcmh01
(extracted 29.06.18)
Data for the UK is not included in the Eurostat database on average dwelling size. A calculated estimate for the UK was established, based on figures over three years from English and Scottish housing surveys.

21 How old is the UK housing stock?

21a European dwelling age data

Eurostat. Census Hub, 2011 data from national censuses
<https://ec.europa.eu/eurostat/web/population-and-housing-census/census-data/database>
Census data / 2011 Census Hub > click Census Hub button > Show data on [select: dwellings]: Geographical level [select: Nations / Select all]: Topics [select: Period of construction / Select all] (Extracted: 29.06.18)

21b English dwelling age data

MHCLG. National Statistics: English Housing Survey 2016 to 2017
www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report
English Housing Survey headline report 2016 to 2017: section 2 housing stock tables > Annex Table AT2.1: Stock profile, 2016 (downloaded 28.06.18)

21c Data on English demolition

MHCLG. Statistical data set: Live tables on housing supply: net additional dwellings
www.gov.uk/government/statistical-data-sets/live-tables-on-net-supply-of-housing
Table 120: components of housing supply; net additional dwellings, England 2006-07 to 2016-17 (downloaded 27.06.18)

22 What types of homes do we build in the UK?

22a Figures for 2017

Housing Market Report. April 2018
<https://www.catesbystates.co.uk/uploads/files/HM%20Report%20April%202018.pdf>
Table QS12: Percentage of houses by type and price at registration, by country

22b Figures for 2007

NHBC. New House-Building Statistics, Quarterly report, 2008 Q2
Not available electronically
Table 16, Percentage of house type in total starts
Note: Figures are for Great Britain but are representative of the UK

23 How often do households move home?

23a All movers

MHCLG. English Housing Survey,
www.gov.uk/government/statistical-data-sets/new-households-and-recent-movers
Table FT4101 (S210): Trends in households who had moved in the last year
(downloaded 29.06.18)

23b Types of movers

MHCLG. English Housing Survey
www.gov.uk/government/statistical-data-sets/new-households-and-recent-movers
FA4121:demographic characteristics of recent movers > Table FA4121: Demographic characteristics of moving households, 2015-16 (downloaded 29.06.18)

24 How is the public opinion to building new homes changing?

24a Survey in 2014

MHCLG. Research and analysis: British Social Attitudes survey 2014: attitudes to new house building
www.gov.uk/government/publications/british-social-attitudes-survey-2014-attitudes-to-new-house-building
Public attitudes to house building: findings from the 2014 British Social Attitudes Survey
(downloaded 29.06.18)

24b Survey in 2010

MHCLG. Research and analysis: Public attitudes to housing in England: results from the British social attitudes survey
www.gov.uk/government/publications/public-attitudes-to-housing-in-england-results-from-the-british-social-attitudes-survey
Public attitudes to housing in England: Report based on the results from the British Social Attitudes survey (downloaded 29.06.18)

25 How much do UK households spend improving and maintaining homes?

25 Family spending

ONS. Components of family spending
<https://www.ons.gov.uk/peoplepopulationandcommunity/personalandhouseholdfinances/expenditure/datasets/componentsofhouseholdexpenditureuktablea1>
Components of household expenditure, UK: Table A1
For maintenance and repair of dwelling see Item 4.2
For alteration of dwelling see Item 14.5 (14.5.3, 14.5.4, 14.5.5, 14.5.6 and 14.5.7)
(downloaded 29.06.18)

Housing and house building within the economy

26 How many new homes do we build in the UK?

26a Completions in England

MHCLG. Statistical data set: Live tables on housing supply: net additional dwellings
www.gov.uk/government/statistical-data-sets/live-tables-on-net-supply-of-housing
Table 120: components of housing supply; net additional dwellings, England 2006-07 to 2016-17: New build completions data (downloaded 27.06.18)

26b Completions in Scotland, Wales and Northern Ireland

MHCLG. Statistical data set: Live tables on house building: new build dwellings

www.gov.uk/government/statistical-data-sets/live-tables-on-house-building

Table 209: permanent dwellings completed by tenure and country (*downloaded 27.06.18*)

26c Historical data (post 1949)

MHCLG. Statistical data set: Live tables on house building: new build dwellings

www.gov.uk/government/statistical-data-sets/live-tables-on-house-building

Table 241: permanent dwellings completed, by tenure, United Kingdom, historical calendar year series (*downloaded 27.06.18*)

26d Historical data (pre 1949)

B.R. Mitchell, British Historical Statistics, Cambridge University Press, First paperback Edition 2011, Buildings Tables.

26e Data for infographic: as 22c

Note: To correct for recognised shortfall in England completions, an addition was made to the annual average derived from Table 241 of 18,000 for the 2010s and 12,000 for the 2000s. For simplicity in the absence of a clearer understanding these have been added to the private housing sector.

26f Comment about estimate of numbers built

There is a recognised significant shortfall in the count of home completions in England within the short-term measure used in Tables including 241 & 209. To correct for this, data for new-build completions was used from the English housing supply figures (Table 120) published since 2006-07, with the latest data available up to 2016-17. This was used to substitute for the English component, within the live house building tables used. For the infographic assumptions were made based on the net supply figures. A check was made both among experts and MHCLG to ensure that these assumptions were reasonable. The MHCLG in June 2018 announced an action plan for improving the measurement of new homes built.

<https://www.gov.uk/government/publications/improving-the-measurement-of-new-homes-built-action-plan> (*downloaded 26.07.18*)

27 How much economic activity is generated in the UK by building new homes?

27a Capital formation data

ONS. User requested data:

<https://www.ons.gov.uk/economy/grossdomesticproductgdp/adhocs/008107gfcfassetprivatesectordwellingsbrokendowntoitscomponentsdwellingsnewanddwellingsimprovements>

Download associated with request / GFCF asset 'Private sector dwellings' broken down to its components 'dwellings new' and 'dwellings improvements' > click on tab 'Private sector dwellings' and view 'Current prices, seasonally adjusted' (*downloaded 30.06.18*)

27b Share of construction

ONS. Dataset: Output in the construction industry (April 2018), released June 2018

www.ons.gov.uk/businessindustryandtrade/constructionindustry/datasets/outputintheconstructionindustry

Table 4 Construction output: value non-seasonally adjusted, current prices by sector (*downloaded 30.06.18*)

27c Construction share of GDP

ONS. Dataset: UK gross domestic product (output approach) low-level aggregates

www.ons.gov.uk/economy/grossdomesticproductgdp/datasets/ukgdpolowlevelaggregates

Table CP £ Millions – GVA in pounds millions at current prices (*downloaded 30.06.18*)

28 How many homes are sold each year in the UK?

28a Transactions

HMRC, National Statistics: Monthly property transactions completed in the UK with value of £40,000 or above

www.gov.uk/government/statistics/monthly-property-transactions-completed-in-the-uk-with-value-40000-or-above

UK Property Transactions Statistics / Table 5, UK Property Transactions Count - May 2018 (downloaded 30.06.18)

28b Value of home sold

HMRC, National Statistics: UK Stamp Tax statistics

www.gov.uk/government/statistics/uk-stamp-tax-statistics

UK Stamp Tax statistics 2016 to 2017 – Tables > Table 2, Property transactions and SDLT receipts by type of property, 2006-07 to 2016-17 (downloaded 30.06.18)

28c Proportion of homes sold

See sources for 15

Note: The data are for all dwellings, those in private ownership (owner occupied and privately rented) account for 75% of all homes.

29 In the UK how many mortgages are taken out to buy homes each year?

29 Mortgage approvals 2007- 2017

Data kindly provided courtesy of UK Finance, CML Industry data tables.

<https://www.cml.org.uk/industry-data/industry-data-tables/>

Tables ML2: First-time buyers, new mortgages and affordability, UK (UK Finance); ML3: Home movers, new mortgages and affordability, UK (UK Finance); MM17: New and outstanding buy-to-let new mortgages, UK (UK Finance) (downloaded 30.06.18)

30 What does an average house cost relative to earnings?

30a UK prices

HM Land registry

landregistry.data.gov.uk

Currently beta content.

In the section called 'Bespoke reports' select: UK House Price Index search tool > click the 'UK House Price Index' button > Average price by type of property in United Kingdom: dates selected: June 2000 and June 2017. (downloaded 01.07.18)

Note: June 2000 and June 2017 prices taken.

30b Earnings

ONS. Annual Survey of Hours and Earnings from Nomis

www.nomisweb.co.uk

Data Downloads / Query data > Annual Survey of Hours and Earnings / Annual Survey of Hours and Earnings - workplace analysis (1997 to 2017) > Geography [Countries: select: UK / Regions: select : All], Date [select: All], Pay And Hours [select: Annual pay – gross], Sex & Full/Part-time [select: full-time workers], Variable [select: mean] (downloaded 01.07.18)

30c Regional house prices

ONS. Statistical bulletin: UK House Price Index: April 2018

www.ons.gov.uk/economy/inflationandpriceindices/bulletins/housepriceindex/april2018

Data from Figures 2, 4 & 5 (downloaded 01.07.18)

31 How many jobs does house building support?

31a Employment by house builders 2016

ONS. Dataset: Construction Statistics Annual Tables

www.ons.gov.uk/businessindustryandtrade/constructionindustry/datasets/constructionstatisticsannualtables

No.17:2016 > Table 3.3b Private contractors: Total employment, by trade of firm
(viewed 24.07.18)

31b Jobs created by house building

Home Building Federation (HBF). The Economic Footprint of House Building in England and Wales, July 2018

https://www.hbf.co.uk/documents/7876/The_Economic_Footprint_of_UK_House_Building_July_2018LR.pdf/

(downloaded 24.07.18)

31c Estimate of share of jobs supported by building homes

Based on UK new-build completions multiplied by 3 and as a proportion of the total number employed with the UK economy.

See sources for **22**

Total employment numbers from, ONS

<https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/bulletins/uklabourmarket/july2018#summary-of-latest-labour-market-statistics>

UK labour market: July 2018 / Table 1 (viewed 24.07.18)

32 What economic benefits would building more homes deliver?

32 Economic benefit

See source **31b**

33 How concentrated is UK house building production?

33a Guide to ranking of house builder size

Housebuilder Media. Housing Market Intelligence Reports 2003 and 2017, Top 75 Housebuilders Table (viewed 16.07.18)

Note: rank based on number of homes completed

33b Company completions 2017

Company accounts for Barratt, Persimmon, Taylor Wimpey, Bellway, Redrow

Note: Data was taken for the year to Jun 2017, for accounting years ending December it was calculated from half year and full year results (viewed 16.07.18)

33c Company completions 2001

Housing Market Intelligence 2003, data for George Wimpey, Persimmon, Barratt, Taylor Woodrow, Bellway (viewed 16.07.18)

33d UK completions data 2017

MHCLG. Statistical data set: Live tables on housing supply: net additional dwellings

www.gov.uk/government/statistical-data-sets/live-tables-on-net-supply-of-housing

Table 120: components of housing supply; net additional dwellings, England 2006-07 to 2016-17 (downloaded 27.06.18)

33e UK completions data 2001

MHCLG. Statistical data set: Live tables on house building: new build dwellings

www.gov.uk/government/statistical-data-sets/live-tables-on-house-building

Table 241: permanent dwellings completed by tenure, United Kingdom, historical calendar year series (downloaded 27.06.18)

34 How are the numbers of small house builders changing in the UK?

34a Figures for 1997, 2007 & 2017

NHBC. Quarterly Statistics, published in Housing Market Report, April 2018
Table QS9: Number of builders by size category in Great Britain (*viewed 30.06.18*)

34b Figures for 1987

NHBC. New House-Building Statistics, Quarterly report, 2003 Q1
Not available electronically
Table 14, Number of builders by size category in Great Britain
Note: Figures are for Great Britain but are representative of the UK (*viewed 30.06.18*)

34c Small builder opinions on challenges to business

NHBC Foundation. Improving the prospects for small house builders and developers (NF57)
<https://www.nhbcfoundation.org/publication/improving-the-prospects-for-small-house-builders/> (*downloaded 5.7.18*)

NHBC Foundation. Small house builders and developers: current challenges to growth (NF76)
<https://www.nhbcfoundation.org/publication/small-house-builders-and-developers-current-challenges-to-growth/> (*downloaded 5.7.18*)

35 How much UK land with planning permission is held by major house builders?

35 Land with planning permission

Housebuilder media. Housing Market Intelligence Report (2017): Top 75 Housebuilders Table, published annually (*viewed 3.07.18*)
Note: The data is from company accounts and is for private house builders only.

36 How many firms operate in UK house building?

36 Firms in or connected to house building

ONS. UK Business counts. Data downloaded 30.06.18 from Nomis
www.nomisweb.co.uk
Data Downloads / Query > UK Business Counts > UK Business Counts - enterprises by industry and employment size band (2010 to 2017) > Geography [select: Countries/UK], Date [select: All], Employment Size Band [select: All], Industry [select: 41.202], Legal Status [select: All].
(*downloaded 30.06.18*)

Housing and health

37 Is there a link between housing quality and health?

37a Shelter research and data used for infographic

People living in bad housing - numbers and health impacts, Study carried out by NatCen Social Research for Shelter, October 2013
https://england.shelter.org.uk/professional_resources/policy_and_research/policy_library/policy_library_folder/people_living_in_bad_housing_-_numbers_and_health_impacts

37b Mental health and fuel poverty

Health, mental health and housing conditions in England, Research by National Centre for Social Research for the Eaga Charitable Trust
www.eagacharitabletrust.org/category/projects-and-reports/mental-health-and-fuel-poverty/

37c Effect of overcrowding on educational outcomes

Digital Education Resource Archive (DERA). Working for the Office of the Deputy Prime Minister (ODPM). The Impact of Overcrowding on Health & Education: A Review of Evidence and Literature, May 2004
<http://dera.ioe.ac.uk/id/eprint/5073>

38 Occupant health and safety: how do new and old homes compare?

38a Health cost of poor housing

BRE. The full cost of poor housing, Mike Roys, Simon Nicol, Helen Garrett and Susie Margoles, 2016
www.brebookshop.com/samples/327671.pdf

38b Data for infographic

MHCLG. English Housing Survey
www.gov.uk/government/statistical-data-sets/dwelling-condition-and-safety
Statistical data set / Dwelling condition and safety / DA4101: Health and safety – dwellings > Tab 2015 (downloaded 28.06.18)

39 What proportion of homes are substandard?

39a Change in number of decent homes over time

MHCLG. National Statistics: English Housing Survey headline report 2016 to 2017
www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-headline-report
English Housing Survey headline report 2016 to 2017: Section 2 Housing stock tables > Annex Table AT.2.2: Non-decent homes, by tenure, 2006 to 2016 (downloaded 28.06.18)

39b Failure by age of homes

MHCLG. English Housing Survey
www.gov.uk/government/statistical-data-sets/dwelling-condition-and-safety
Statistical data set / Dwelling condition and safety / DA3201: Decent Homes – dwellings > Tab 2015 (downloaded 28.06.18)

39c Definitions

MHCLG. Guidance: A decent home: definition and guidance (June 2006)
www.gov.uk/government/publications/a-decent-home-definition-and-guidance
A decent home: definition and guidance for implementation – June 2016 Update (downloaded 28.06.18)

40 How many households don't have a permanent home?

40a England homelessness

MHCLG. Statistical data set: Live tables on homelessness
www.gov.uk/government/statistical-data-sets/live-tables-on-homelessness
Temporary accommodation live tables: January to March 2018 > Table 782: Household types in temporary accommodation (downloaded 30.06.18)

40b Scotland homelessness

Scottish Government. Scottish Homelessness Statistics
www.gov.scot/Topics/Statistics/Browse/Housing-Regeneration/RefTables
Statistics / Homelessness in Scotland: 2017/18 / Excel Tables and Charts > Associated downloadable documents > Tables > Table 17: Households in temporary accommodation at 31 March each year, by Local Authority, 2002 to 2018 (downloaded 30.06.18)

40c Wales homelessness

The Welsh Government. Statistics, Homelessness

www.gov.wales/statistics-and-research/homelessness/?lang=en

Datasets / Homelessness > Households in Temporary Accommodation > Households accommodated temporarily by accommodation type and household type (Post 2015-16)

(downloaded 30.06.18)

40d Household estimates for Portsmouth and Warrington

MHCLG. Statistical data set: Live tables on household projections

www.gov.uk/government/statistical-data-sets/live-tables-on-household-projections

2014-based live tables > Table 406: household projections by district, England, 1991-2039.

The data is for the Unitary Authorities of Portsmouth and Warrington

(downloaded 30.06.18)

40e Deprivation impacts

See sources for **37**

40f Council spent on temporary housing

Councils spend £3.5 bn on temporary housing in last five years

BBC news story: Michael Buchanan & Sophie Woodcock

www.bbc.co.uk/news/uk-38016728

(viewed 30.06.18)