

Histograms

Nick Oakins

5 April 2018

```
source("c:/r/app0010/HDDmap/global.R")
```

```
## -- Attaching packages ----- tidyverse 1.2.1 --
```

```
## v ggplot2 2.2.1      v purrr  0.2.4
```

```
## v tibble  1.4.2      v dplyr  0.7.4
```

```
## v tidyr   0.8.0      v stringr 1.3.0
```

```
## v readr   1.1.1      v forcats 0.3.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::lag()    masks stats::lag()
```

This function gets the years available in the table under investigation:

```
print(get_years_u())
```

```
## Table nrg_chddr2_m cached at C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nrg_chddr2_m_date
```

```
## [1] "1974" "1975" "1976" "1977" "1978" "1979" "1980" "1981" "1982" "1983"
```

```
## [11] "1984" "1985" "1986" "1987" "1988" "1989" "1990" "1991" "1992" "1993"
```

```
## [21] "1994" "1995" "1996" "1997" "1998" "1999" "2000" "2001" "2002" "2003"
```

```
## [31] "2004" "2005" "2006" "2007" "2008" "2009" "2010" "2011" "2012" "2013"
```

```
## [41] "2014" "2015" "2016" "2017"
```

Plot the histogram for the data for all years in the table for a given month for a selected region:

```
detailPlot("2012",3,"UKM")
```

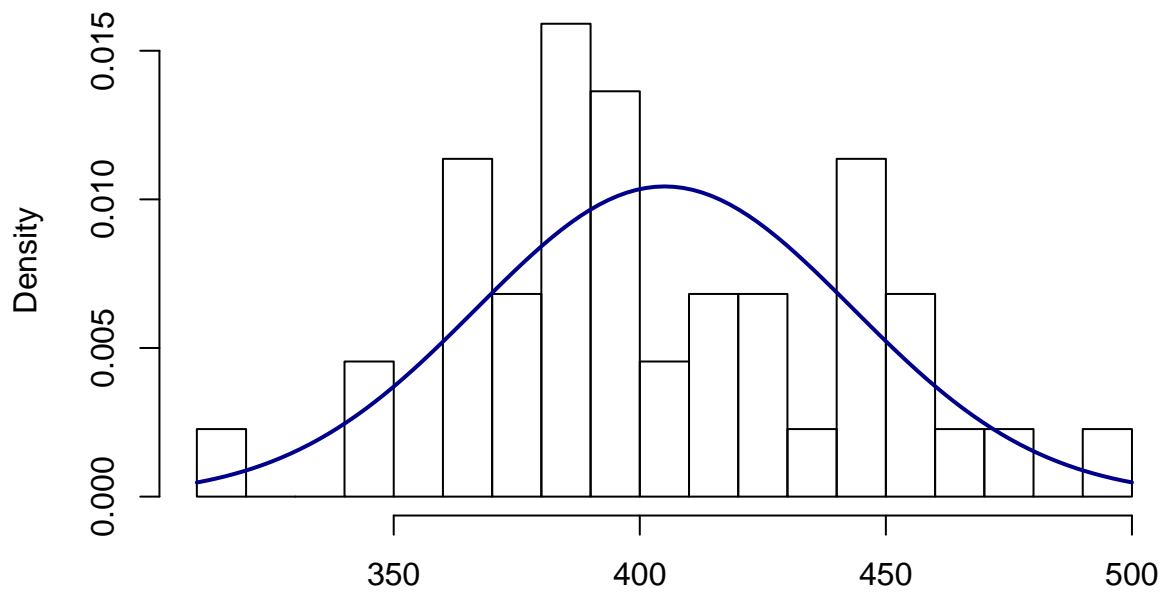
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Scotland for March



HDD, mean is 405.048 std dev is 38.231

```
detailPlot("2012", 9, "ITG1")
```

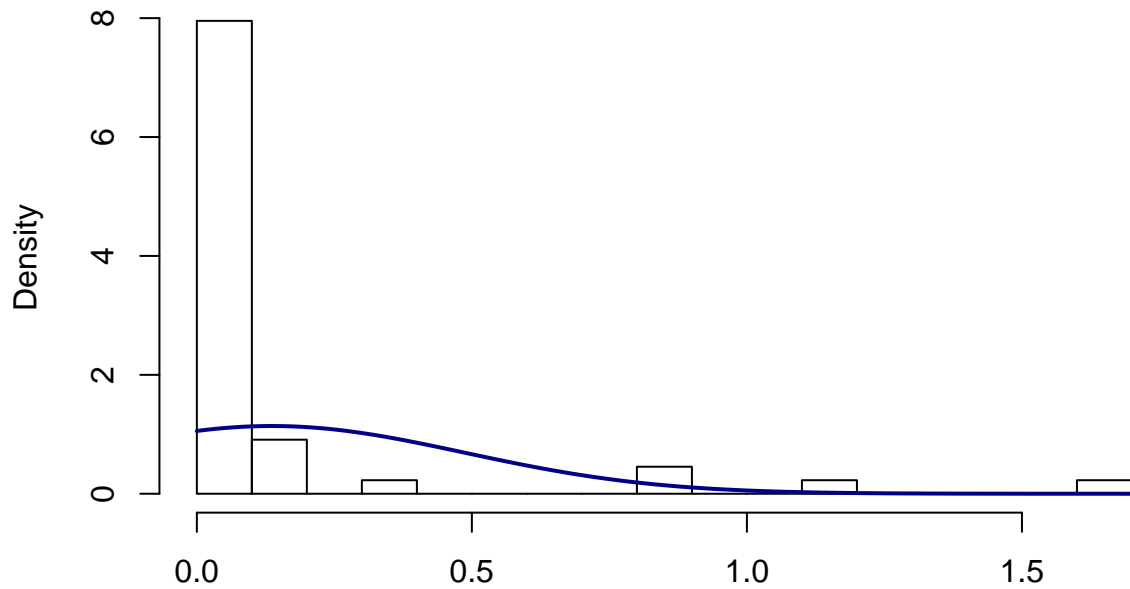
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
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```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
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## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Sicilia for September



HDD, mean is 0.136 std dev is 0.35

```
detailPlot("2012", 6, "PT15")
```

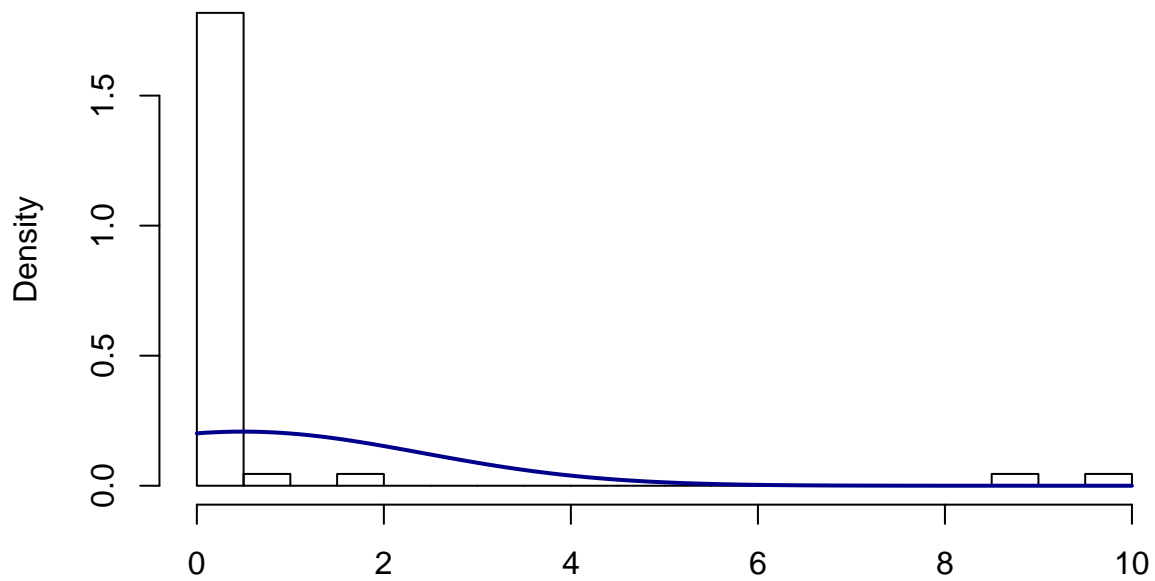
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Algarve for June



```
detailPlot("2012", 8, "AT")
```

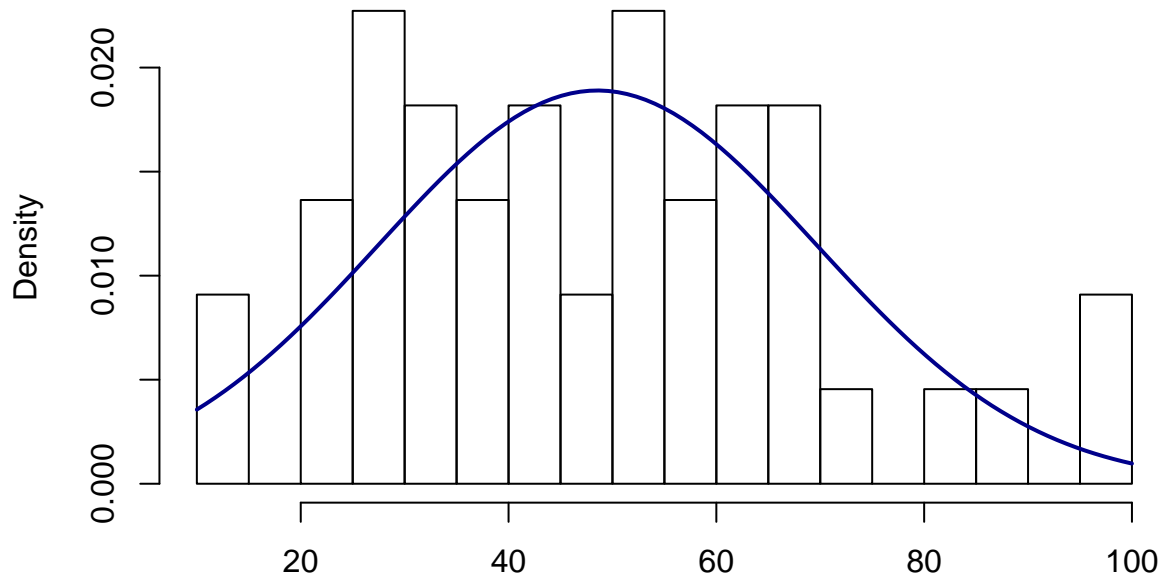
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
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```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Austria for August



HDD, mean is 48.559 std dev is 21.109

```
detailPlot("2012", 11, "UKC2")
```

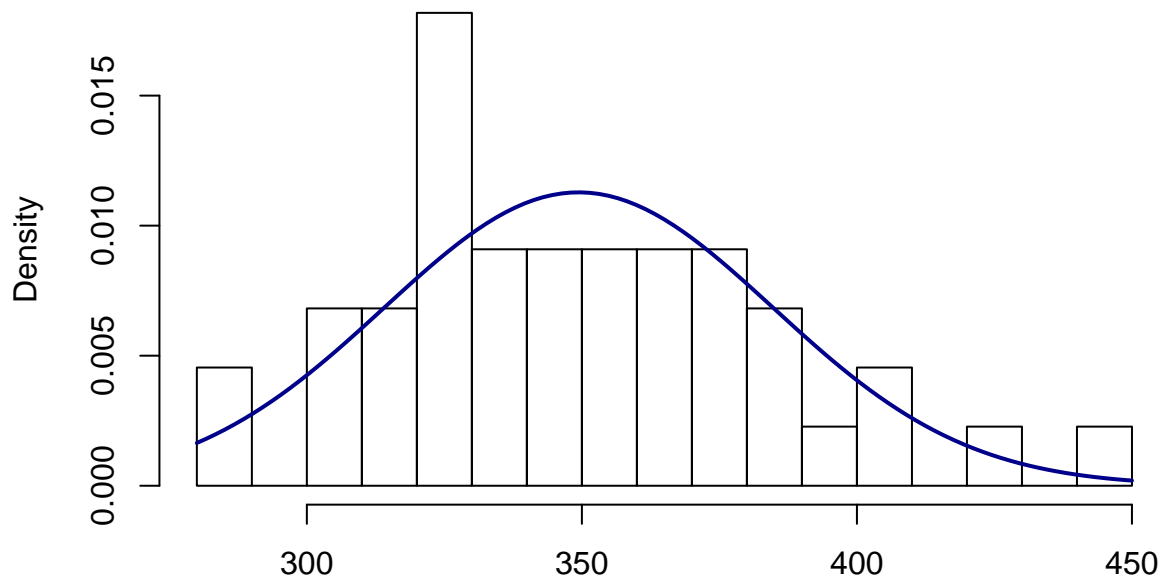
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nrg_chddr2_m_date_code_TF.r
```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
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```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Northumberland and Tyne and Wear for November



HDD, mean is 349.411 std dev is 35.365

```
detailPlot("2012", 2, "UKD3")
```

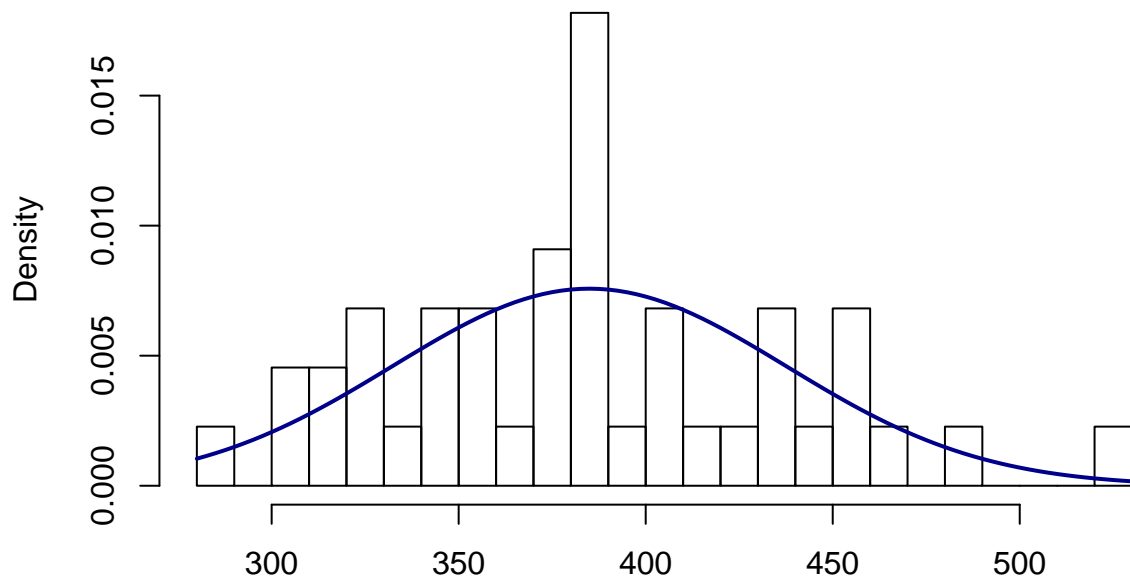
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
```

```
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```

```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Greater Manchester for February



HDD, mean is 384.926 std dev is 52.653

```
detailPlot("2012", 4, "ES53")
```

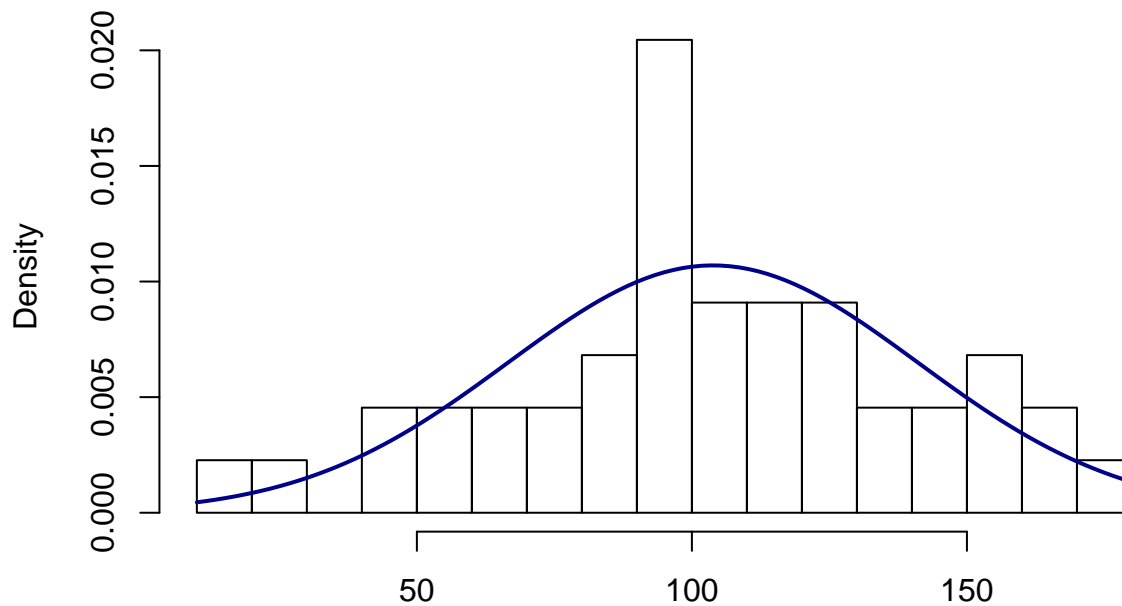
```
## Reading cache file C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat\nrg_chddr2_m_date_code_TF.r
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```
## Table nrg_chddr2_m read from cache file: C:\Users\nicko\AppData\Local\Temp\RtmpALDdjM\eurostat/nr
```

Histogram for Illes Balears for April



HDD, mean is 103.837 std dev is 37.289