

```

---
title: "Household Economy"
author: "coop711"
date: "2015년 10월 27일"
output: html_document
---

```{r, setup, include = FALSE}
knitr::opts_chunk$set(echo = TRUE)
options(width = 180)
```

## Data

```{r, load}
library(knitr)
load("./hh_econ_10th.RData")
kable(format(hh.econ.10th.11/1000, digits = 1, nsmall = 1, justify = "right", big.mark =
","), align = "r")
kable(format(hh.econ.10th.11.2/1000, digits = 1, nsmall = 1, justify = "right", big.mark =
","), align = "r")
rownames(hh.econ.10th.11) <- c("Market Income", "Expenditure", "Disposable Income")
colnames(hh.econ.10th.11) <- c("1st", "2nd", "3rd", paste(4:10, "th", sep = ""))
kable(format(hh.econ.10th.11/1000, digits = 1, nsmall = 1, justify = "right", big.mark =
","), align = "r")
```

<P style = "page-break-before:always;">

## Bar Plots

```{r, stacked barplots, fig.width = 12, fig.height = 6}
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11)
```

```{r, barplots beside TRUE, fig.width = 12, fig.height = 6}
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11, beside = TRUE)
```

<P style = "page-break-before:always;">

```{r, barplots di first, fig.width = 12, fig.height = 6}
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11.2, beside = TRUE)
```

<!--
<P style = "page-break-before:always;">
-->

### Axes and Titles

```{r, Legend and Annotation, fig.width = 12, fig.height = 6}
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = gray(c(1/6, 1/2, 5/6)))
axis(side = 2, at = seq(0, 10000000, by = 1000000), labels = 0:10, las = 1)
legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11.2), fill = gray(c(1/6,
1/2, 5/6)))
title(main = "2011년 가계수지", xlab = "소득 10분위", ylab = "금액(단위, 백만원)")
```

<P style = "page-break-before:always;">

### Lines, colors

```{r, Lines to Compare, fig.width = 12, fig.height = 6.75}
par(family = "HCR Dotum LVT")
b <- barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = gray(c(1/6, 1/2, 5/6)))
b <- barplot(hh.econ.10th.11.2, beside = TRUE, yaxt = "n", col = c("blue", "cyan", "red"))
axis(side = 2, at = seq(0, 10000000, by = 1000000), labels = 0:10, las = 1)
legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11), fill = gray(c(1/6,
1/2, 5/6)))
legend("topleft", inset = 0.1, legend = rownames(hh.econ.10th.11.2), fill = c("blue",
"cyan", "red"))
title(main = "2011년 가계수지", xlab = "소득 10분위", ylab = "금액(단위, 백만원)")
lines(x = seq(2.5, 38.5, length.out=10), y = hh.econ.10th.11[2,], lwd=5, col=gray(1/2))
lines(x = b[2,], y = hh.econ.10th.11.2[2,], type = "b", pch = 24, bg = "white", col =
"black", lwd = 4)
lines(x = b[2,], y = hh.econ.10th.11[2,], lwd = 8, col = gray(1/2))
lines(x = b[3,], y = hh.econ.10th.11.2[3,], type = "b", pch = 25, bg = "white", col =
"black", lwd = 4)
```

```