

# Household Economy

coop711

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## Data

```
library(knitr)
load("./hh_econ_10th.RData")
kable(format(hh.econ.10th.11/1000, digits = 1, nsmall = 1, justify = "right", big.mark =
","), align = "r")
```

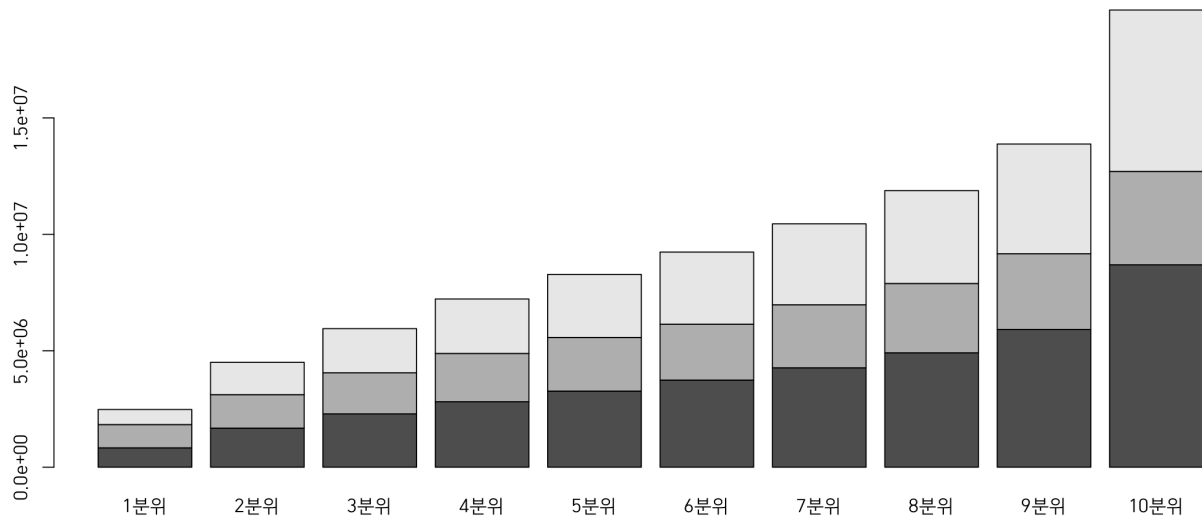
	1분위	2분위	3분위	4분위	5분위	6분위	7분위	8분위	9분위	10분위
소득	831.4	1,678.2	2,289.5	2,811.3	3,268.6	3,742.0	4,268.8	4,913.1	5,914.1	8,692.1
소비지출	1,000.3	1,437.0	1,763.9	2,074.7	2,302.2	2,399.0	2,706.6	2,977.3	3,251.7	4,011.5
처분가능소득	646.8	1,389.7	1,898.0	2,338.3	2,708.0	3,098.2	3,476.6	3,988.7	4,713.3	6,930.2

```
kable(format(hh.econ.10th.11.2/1000, digits = 1, nsmall = 1, justify = "right", big.mark
= ","), align = "r")
```

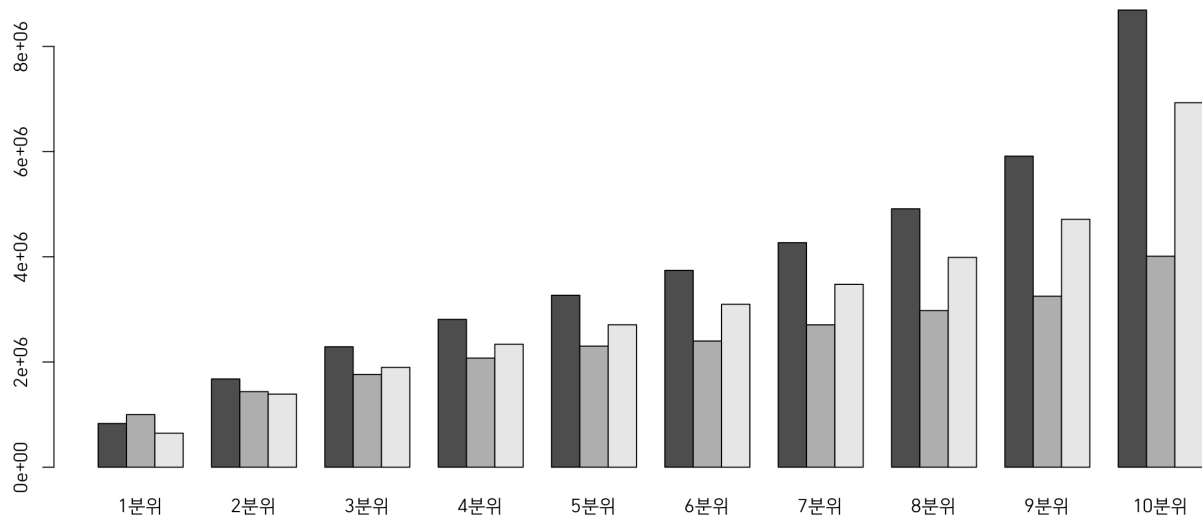
	1분위	2분위	3분위	4분위	5분위	6분위	7분위	8분위	9분위	10분위
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# Bar Plots

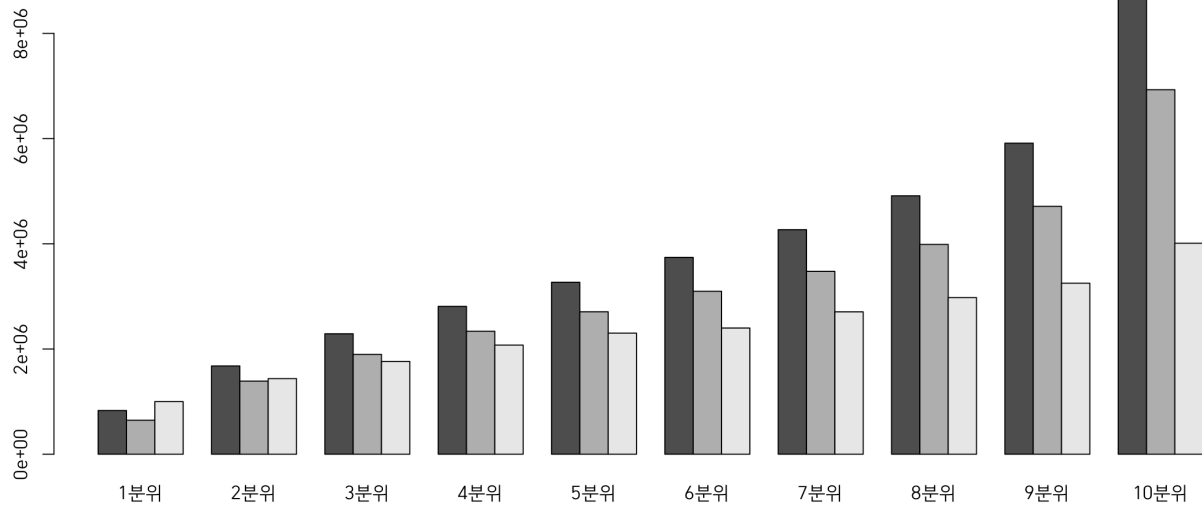
```
par(family = "HCR Dotum LVT")  
barplot(hh.econ.10th.11)
```



```
par(family = "HCR Dotum LVT")  
barplot(hh.econ.10th.11, beside = TRUE)
```



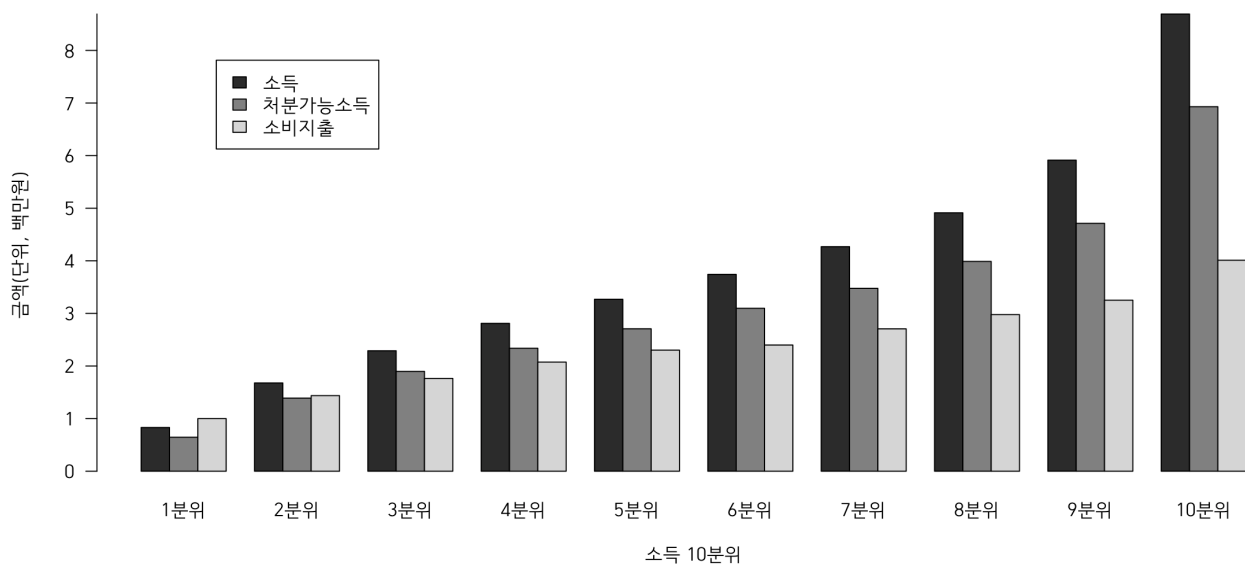
```
par(family = "HCR Dotum LVT")
barplot(hh.econ.10th.11.2, beside = TRUE)
```



## Axes and Titles

```
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)")
```

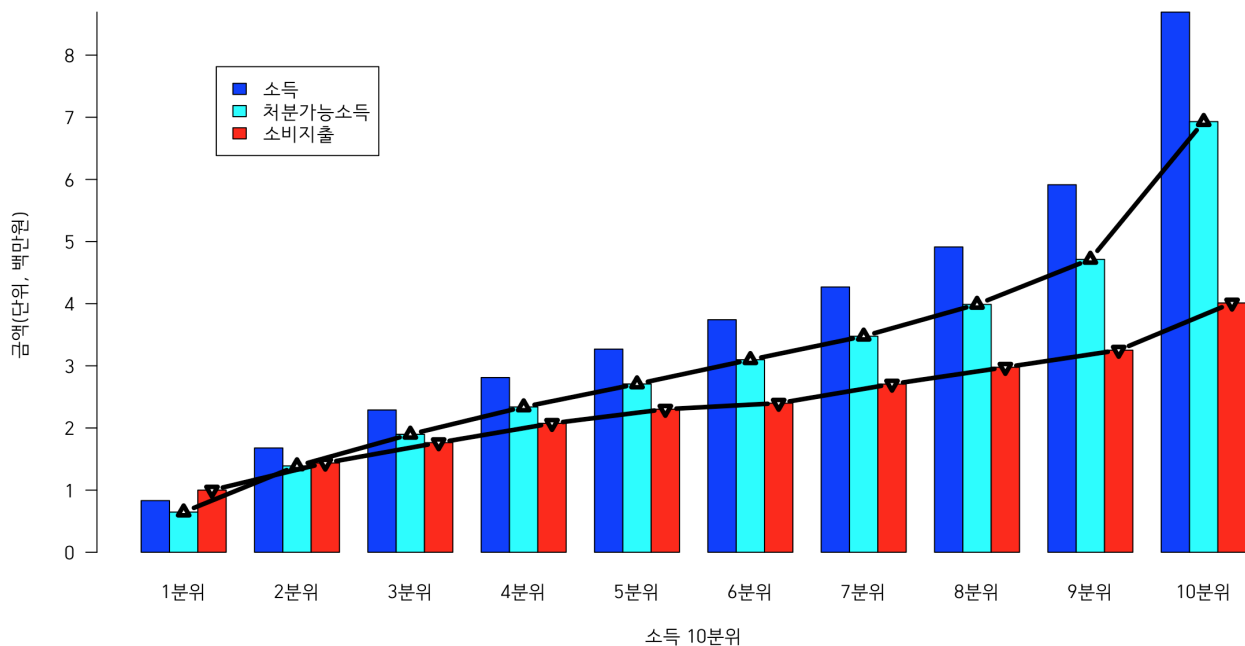
2011년 가계수지



## Lines, colors

```
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)", cex.main = 2.0)
# 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)
```

### 2011년 가계수지



```
dev.copy(png, file = "../pics/no_trickle_down_effect.png", width = 960, height = 540)
```

```
## quartz_off_screen
## 3
```