

## 1 Always First Command

```
> library(NCStats)
```

## 2 Sample Ashland-Bayfield County Residents

```
> data(ABCens90)
> ( smp1 <- srsdf(ABCens90,50) )
```

## 3 Summarize the Sample

```
> Summarize(~age,data=smp1,digits=1)
> Summarize(~sex,data=smp1)
```

## 4 Take and Summarize A Second Sample

```
> ( smp2 <- srsdf(ABCens90,50) )
> Summarize(~age,data=smp2,digits=1)
> Summarize(~sex,data=smp2)
```

## 5 The Truth

```
> Summarize(~age,data=ABCens90,digits=1)
      n    mean    sd    min    Q1  median    Q3    max percZero
30335.0  37.3   24.3    0.0   16.0   35.0   57.0   96.0     1.2

> Summarize(~sex,data=ABCens90)
      freq  perc
female 15261  50.31
male   15074  49.69
Total  30335 100.00
```

### Lots of Samples from Ashland-Bayfield County Residents

