Introduction

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Always First Command

```
> library(NCStats)
```

Sample Ashland-Bayfield County Residents

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

Summarize the Sample

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

Take and Summarize A Second Sample

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

The Truth

```
> Summarize(~age,data=ABCens90,digits=1)
```

n	nvalid	mean	sd	min	Q1	median	Q3	max	percZero
30335.0	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