

# Activity 6-1

state	birth rate	death	e/w
alabama	14.1	9.9	e
alaska	15.9	4	w
arizona	18.9	8.2	w
arkansas	14.7	10.1	w
california	16.3	7.1	w
colorado	13.4	6.6	w
connecticut	13.1	8.9	e
delaware	13.9	8.8	e
florida	13.1	10.6	e
georgia	15.8	7.9	e
hawaii	14.4	6.5	w
idaho	14.9	7.4	w
illinois	15.2	8.6	e
indiana	11.8	8	e
iowa	12.9	9.2	w
kansas	14.6	9.3	w
kentucky	13.5	9.8	e
louisiana	14.8	8.7	e
maine	10.9	8.9	e
maryland	13	7.9	e
massachusetts	13.5	8.5	e
michigan	13.7	8.5	e
minnesota	13.8	7.9	w
mississippi	15.6	10	e
missouri	13.8	10.1	w

state	birth rate	death	e/w
montana	11.9	8.8	w
nebraska	14	9.2	w
nevada	16.1	7.7	w
new hampshire	12.3	8.1	e
new jersey	14.1	9	e
new mexico	15.4	7.4	w
new york	15.6	8.9	e
north carolina	14.2	8.9	e
north dakota	13	9.4	w
ohio	13.6	9.4	e
oklahoma	14.5	10.2	w
oregon	13.4	8.8	w
pennsylvania	11.8	10.6	e
rhode island	12.5	9.9	e
south carolina	13.6	8.8	e
south dakota	13.7	9.5	w
tennessee	13.9	9.7	e
texas	16.3	6.9	w
utah	21.2	5.6	w
vermont	11.4	9	e
virginia	13.2	7.9	e
washington	14.2	7.7	w
west virginia	11.3	11.5	e
wisconsin	12.8	8.7	e
wyoming	13.3	7.8	w

Note- First, I created a column called "coded" where 1 = east and 0 = west Using Manip|Code|Text to numeric

### Character Stem-and-Leaf Display

Stem-and-leaf of birth ra coded = 0            N = 23  
Leaf Unit = 0.10

```
1  11 9
2  12 9
9  13 0344788
(7) 14 0245679
7  15 49
5  16 133
2  17
2  18 9
1  19
1  20
1  21 2
```

Stem-and-leaf of birth ra coded = 1            N = 27  
Leaf Unit = 0.10

```
1  10 9
5  11 3488
8  12 358
(11) 13 01125566799
8  14 1128
4  15 2668
```