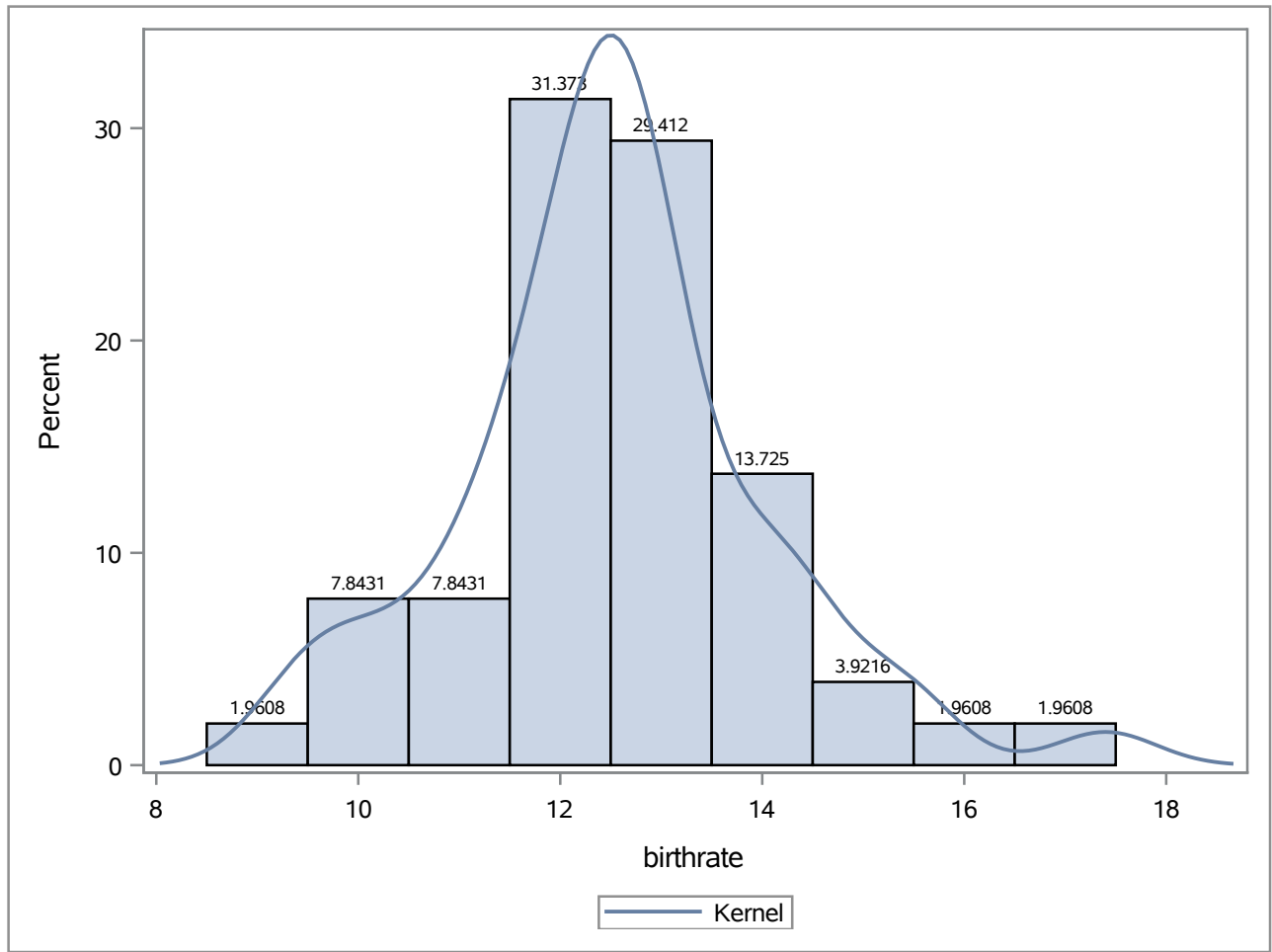
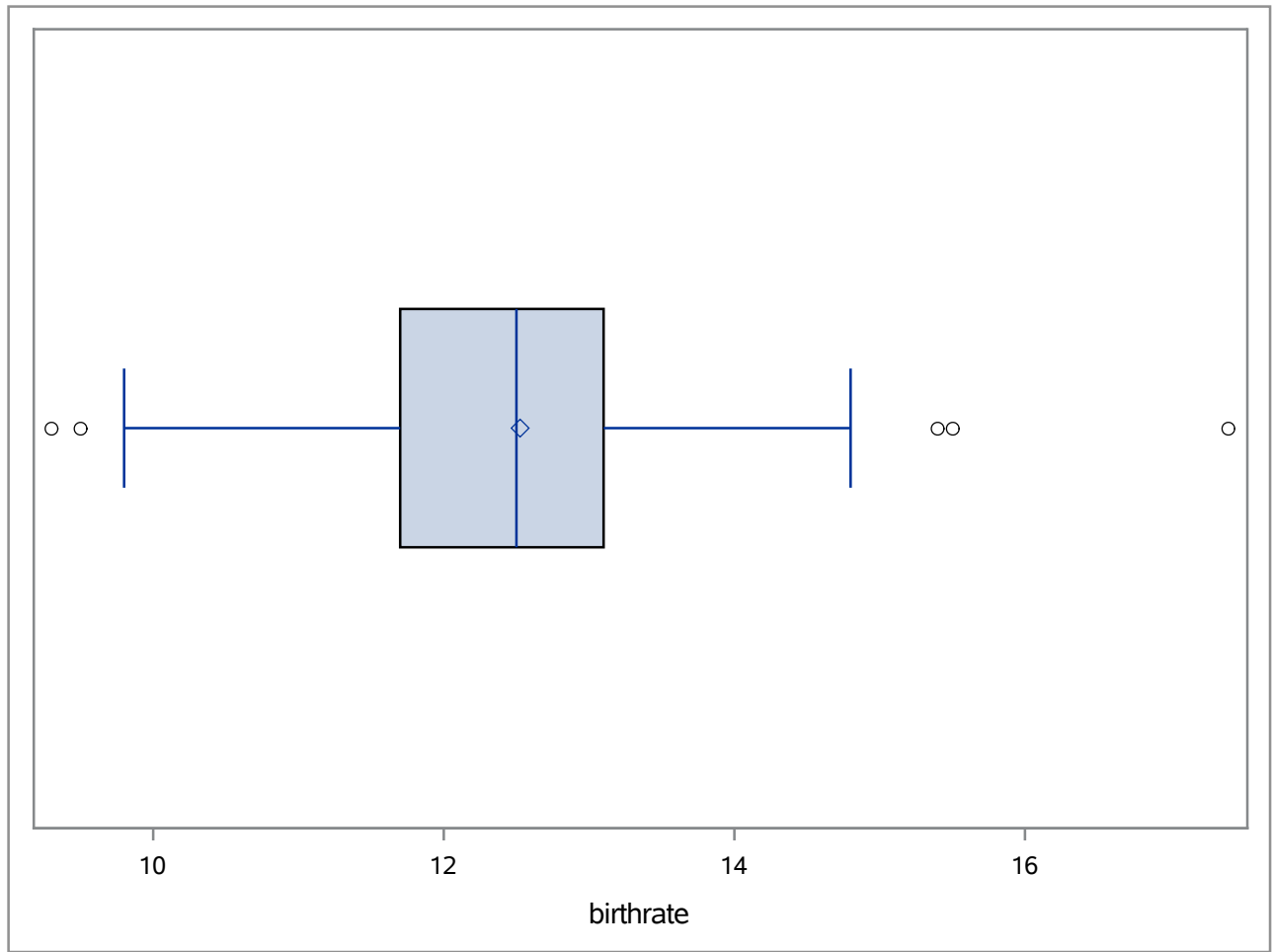


| <b>Obs</b> | <b>state</b>       | <b>birthrate</b> |
|------------|--------------------|------------------|
| 1          | Alabama            | 12.3             |
| 2          | Alaska             | 15.5             |
| 3          | Arizona            | 12.9             |
| 4          | Arkansas           | 13.0             |
| 5          | California         | 13.0             |
| 6          | Colorado           | 12.3             |
| 7          | Connecticut        | 10.1             |
| 8          | Delaware           | 11.7             |
| 9          | DistrictofColumbia | 14.4             |
| 10         | Florida            | 11.1             |
| 11         | Georgia            | 13.0             |
| 12         | Hawaii             | 13.1             |
| 13         | Idaho              | 14.0             |
| 14         | Illinois           | 12.3             |
| 15         | Indiana            | 12.7             |
| 16         | Iowa               | 12.8             |
| 17         | Kansas             | 13.5             |
| 18         | Kentucky           | 12.7             |
| 19         | Louisiana          | 13.9             |
| 20         | Maine              | 9.5              |
| 21         | Maryland           | 12.4             |
| 22         | Massachusetts      | 10.7             |
| 23         | Michigan           | 11.5             |
| 24         | Minnesota          | 12.8             |
| 25         | Mississippi        | 12.9             |
| 26         | Missouri           | 12.4             |
| 27         | Montana            | 12.1             |
| 28         | Nebraska           | 14.2             |
| 29         | Nevada             | 12.6             |
| 30         | NewHampshire       | 9.3              |
| 31         | NewJersey          | 11.6             |
| 32         | NewMexico          | 12.5             |
| 33         | NewYork            | 12.1             |
| 34         | NorthCarolina      | 12.2             |
| 35         | NorthDakota        | 15.4             |
| 36         | Ohio               | 12.0             |
| 37         | Oklahoma           | 13.8             |
| 38         | Oregon             | 11.5             |

| <b>Obs</b> | <b>state</b>  | <b>birthrate</b> |
|------------|---------------|------------------|
| 39         | Pennsylvania  | 11.1             |
| 40         | RhodeIsland   | 10.3             |
| 41         | SouthCarolina | 11.9             |
| 42         | SouthDakota   | 14.4             |
| 43         | Tennessee     | 12.5             |
| 44         | Texas         | 14.8             |
| 45         | Utah          | 17.4             |
| 46         | Vermont       | 9.8              |
| 47         | Virginia      | 12.4             |
| 48         | Washington    | 12.5             |
| 49         | WestVirginia  | 11.0             |
| 50         | Wisconsin     | 11.7             |
| 51         | Wyoming       | 13.2             |





**The MEANS Procedure**

| Analysis Variable : birthrate |         |                |         |                |         |        |                |         |         |
|-------------------------------|---------|----------------|---------|----------------|---------|--------|----------------|---------|---------|
| N                             | Minimum | Lower Quartile | Median  | Upper Quartile | Maximum | Range  | Quartile Range | Mean    | Std Dev |
| 51                            | 9.3000  | 11.7000        | 12.5000 | 13.1000        | 17.4000 | 8.1000 | 1.4000         | 12.5255 | 1.5341  |

**The MEANS Procedure**

| Analysis Variable : birthrate |          |           |           |           |           |           |           |           |           |           |           |           |
|-------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1st Pctl                      | 5th Pctl | 10th Pctl | 20th Pctl | 30th Pctl | 40th Pctl | 50th Pctl | 60th Pctl | 70th Pctl | 80th Pctl | 90th Pctl | 95th Pctl | 99th Pctl |
| 9.3000                        | 9.8000   | 10.7000   | 11.5000   | 12.0000   | 12.3000   | 12.5000   | 12.7000   | 13.0000   | 13.5000   | 14.4000   | 15.4000   | 17.4000   |

**The UNIVARIATE Procedure**  
**Variable: birthrate**

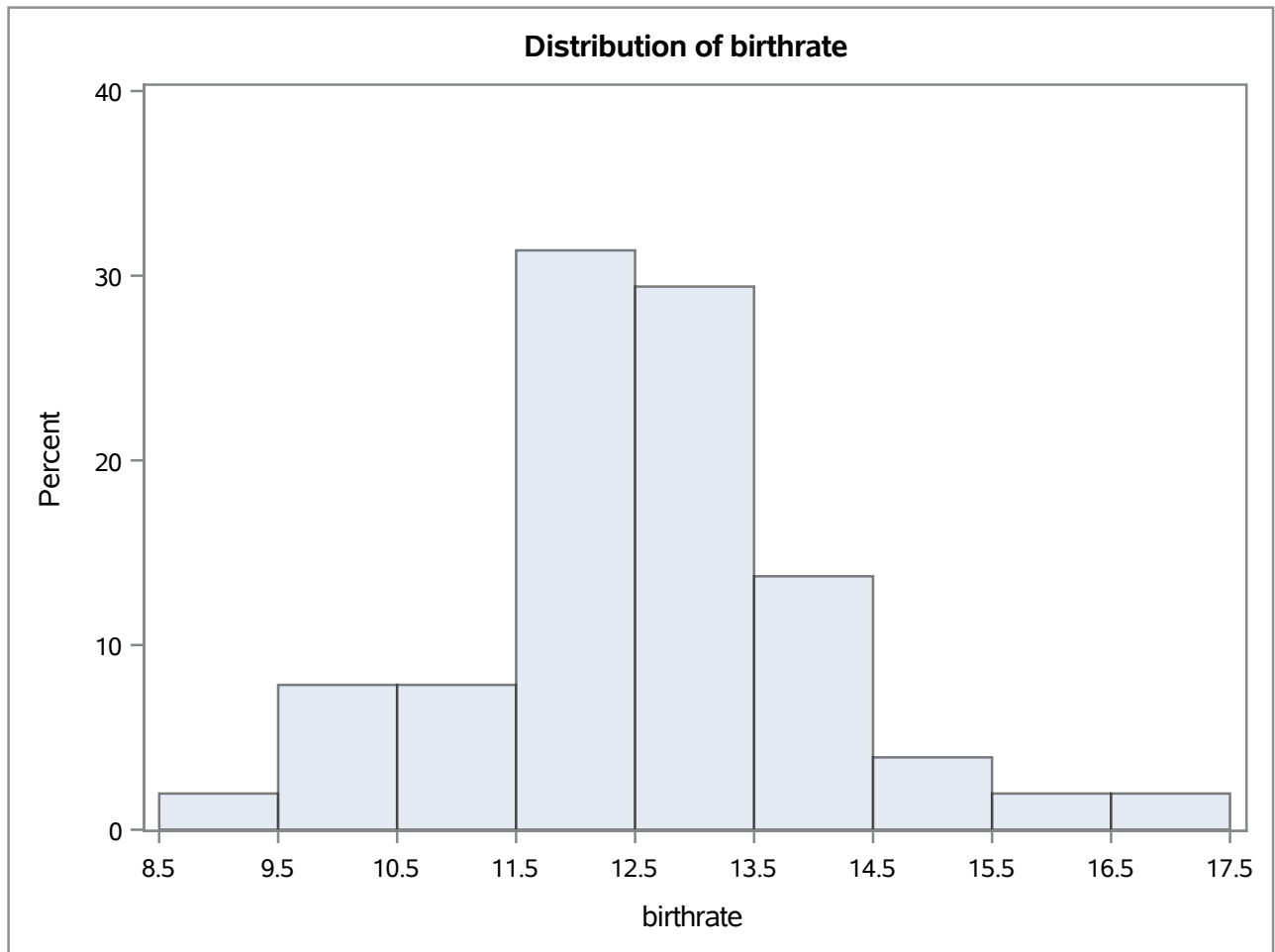
| Basic Statistical Measures |          |                     |         |
|----------------------------|----------|---------------------|---------|
| Location                   |          | Variability         |         |
| Mean                       | 12.52549 | Std Deviation       | 1.53412 |
| Median                     | 12.50000 | Variance            | 2.35354 |
| Mode                       | 12.30000 | Range               | 8.10000 |
|                            |          | Interquartile Range | 1.40000 |

**Note: The mode displayed is the smallest of 4 modes with a count of 3.**

| Quantiles (Definition 5) |          |
|--------------------------|----------|
| Level                    | Quantile |
| 100% Max                 | 17.4     |
| 99%                      | 17.4     |
| 95%                      | 15.4     |
| 90%                      | 14.4     |
| 75% Q3                   | 13.1     |
| 50% Median               | 12.5     |
| 25% Q1                   | 11.7     |
| 10%                      | 10.7     |
| 5%                       | 9.8      |
| 1%                       | 9.3      |
| 0% Min                   | 9.3      |

| Extreme Values |       |      |         |       |      |
|----------------|-------|------|---------|-------|------|
| Lowest         |       |      | Highest |       |      |
| Order          | Value | Freq | Order   | Value | Freq |
| 1              | 9.3   | 1    | 31      | 14.4  | 2    |
| 2              | 9.5   | 1    | 32      | 14.8  | 1    |
| 3              | 9.8   | 1    | 33      | 15.4  | 1    |
| 4              | 10.1  | 1    | 34      | 15.5  | 1    |
| 5              | 10.3  | 1    | 35      | 17.4  | 1    |

The UNIVARIATE Procedure





**birthrate relative frequency distributions**  
**binstart is the left endpoint of the interval -- left endpoint is included in frequency**  
**these intervals are the same as those of the histograms**

| Obs | binstart | frequency | percentage |
|-----|----------|-----------|------------|
| 1   | 8.5      | 1         | 1.9608     |
| 2   | 9.5      | 4         | 7.8431     |
| 3   | 10.5     | 4         | 7.8431     |
| 4   | 11.5     | 16        | 31.3725    |
| 5   | 12.5     | 15        | 29.4118    |
| 6   | 13.5     | 7         | 13.7255    |
| 7   | 14.5     | 2         | 3.9216     |
| 8   | 15.5     | 1         | 1.9608     |
| 9   | 16.5     | 1         | 1.9608     |