

January 17-19, 2019

1/17	1/17	1/18	1/19
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The dendrogram illustrates the hierarchical clustering of 15 Georgia counties based on their 2010 population. The counties are listed on the left, with their population values. The dendrogram branches from left to right, with cluster numbers (#1 to #15) indicating the order of merging. The final cluster is labeled 'Woodland' with a population of 36.

County	Population
Woodland	82
Arbia Mountain	0
Walnut Grove	25
Ware County	49
Ola	61
Starrs Mill	15
Riverwood	6
Veterans	76
Locust Grove	54
Whitewater	18
Southwest DeKalb	28
Cass	49
Harris County	51
Decatur	29
Statesboro	18
Buford	64

The dendrogram shows the following merging process:

- Cluster #1: Woodland (82) and Arbia Mountain (0) merge to form a cluster of 70.
- Cluster #2: Ware County (49) and the cluster from #1 (70) merge to form a cluster of 119.
- Cluster #3: Ola (61) and Starrs Mill (15) merge to form a cluster of 76.
- Cluster #4: Veterans (76) and the cluster from #3 (76) merge to form a cluster of 152.
- Cluster #5: Locust Grove (54) and Whitewater (18) merge to form a cluster of 72.
- Cluster #6: Cass (49) and Southwest DeKalb (28) merge to form a cluster of 77.
- Cluster #7: Harris County (51) and Decatur (29) merge to form a cluster of 80.
- Cluster #8: Buford (64) and the cluster from #7 (80) merge to form a cluster of 144.
- Cluster #9: The cluster from #2 (119) and the cluster from #4 (152) merge to form a cluster of 271.
- Cluster #10: Veterans (76) and the cluster from #9 (271) merge to form a cluster of 347.
- Cluster #11: Cass (49) and the cluster from #10 (347) merge to form a cluster of 396.
- Cluster #12: Buford (64) and the cluster from #11 (396) merge to form a cluster of 460.
- Cluster #13: The cluster from #5 (72) and the cluster from #12 (460) merge to form a cluster of 532.
- Cluster #14: Harris County (51) and the cluster from #13 (532) merge to form a cluster of 583.
- Cluster #15: Locust Grove (54) and the cluster from #14 (583) merge to form the final cluster of 637, labeled 'Woodland'.



Woodland
Champion

Buford

Runner-Up

1/18	1/18	1/18	1/19	1/19
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