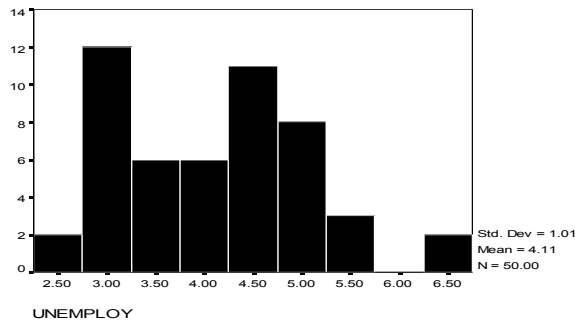


Name: \_\_\_\_\_

**2000 Census United States unemployment rate: 4.11%**

- |                           |                           |                          |
|---------------------------|---------------------------|--------------------------|
| 1. West Virginia - 6.6%   | 21. Nevada - 4.4%         | 41. Kansas - 3.0%        |
| 2. Alaska - 6.4%          | 22. Pennsylvania - 4.4%   | 42. Vermont - 3.0%       |
| 3. Oregon - 5.7%          | 23. Illinois - 4.3%       | 43. Wisconsin - 3.0%     |
| 4. Hawaii - 5.6%          | 24. Ohio - 4.3%           | 44. Colorado - 2.9%      |
| 5. New Mexico - 5.6%      | 25. Maine - 4.1%          | 45. Nebraska - 2.9%      |
| 6. California - 5.2%      | 26. Rhode Island - 4.1%   | 46. South Dakota - 2.9%  |
| 7. Idaho - 5.2%           | 27. Georgia - 4.0%        | 47. Minnesota - 2.8%     |
| 8. Montana - 5.2%         | 28. Tennessee - 4.0%      | 48. Virginia - 2.8%      |
| 9. New York - 5.2%        | 29. Florida - 3.9%        | 49. New Hampshire - 2.7% |
| 10. Louisiana - 5.1%      | 30. Michigan - 3.8%       | 50. Iowa - 2.5%          |
| 11. Mississippi - 5.1%    | 31. Utah - 3.7%           |                          |
| 12. Wyoming - 4.9%        | 32. Delaware - 3.5%       |                          |
| 13. Alabama - 4.8%        | 33. Maryland - 3.5%       |                          |
| 14. Washington - 4.7%     | 34. Oklahoma - 3.4%       |                          |
| 15. New Jersey - 4.6%     | 35. Missouri - 3.4%       |                          |
| 16. Texas - 4.6%          | 36. North Dakota - 3.4%   |                          |
| 17. Arkansas - 4.5%       | 37. Connecticut - 3.2%    |                          |
| 18. Kentucky - 4.5%       | 38. Massachusetts - 3.2%  |                          |
| 19. South Carolina - 4.5% | 39. North Carolina - 3.2% |                          |
| 20. Arizona - 4.4%        | 40. Indiana - 3.0%        |                          |



**Directions and questions for the activity:**

1. What is the population of interest?
2. Sample randomly 20 states using the **table of random digits** and compute the average unemployment rate.
3. Resample **4 more times** and get **2 more sample means** based on samples of size 20.

