How Winners are Selected...

The Drawings Manager system uses a combination of a random number generator function provided by Microsoft in their Visual Studio Suite of developer tools as well as the Fisher-Yates Shuffle algorithm.

The built-in functions provided by Microsoft in their Visual Studio Suite of development tools generate a random integer between 0 (inclusive) and a specified exclusive upper bound using a cryptographically strong random number generator. Click on the link to read more about the RandomNumberGenerator

In addition to the Microsoft tools for generating a random number we also use the "Fisher-Yates" shuffle algorithm to produce an unbiased and random ordering of results. This is the same randomization algorithm used by many state lottery commissions to generate random numbers. Click on the link to read more about the Fisher-Yates Algorithm

Lastly, there is some randomization introduced by the member lists provided by each lodge. The membership database is explicitly ordered based on member id and changes as new members are added and others expire. We generate random numbers used to select winners based on numbered lists that are separate from the member id list in the database. After a random number is generated then that number is associated with a member based on the ordered list of member ids in the database.

Feel free to contact us with any questions about how the Drawings Manager selects winners for drawings. Remember, every member has the same chance of winning a

drawing every time a winner is selected irrespective of how often they have or have not been selected in previous drawings.