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Online Casinos : Simulating Real World Play

By "WiseBettor.com"

Many people around the world play at online casinos, and that's fine if it's your only source of gambling. However, online casinos are nowhere near as close to the real thing when it comes to simulation. Take Craps for example. The casino determines what number rolls by using a random number generator. However, just how random is random? If you have been in a casino, you know that every single person at a table has a unique rolling pattern. Some stack the dice and casually vault them into the air. Others shake them up and rocket them to the back wall, while other frequently launch the dice off the table or fall short of the back wall. There are even players who change their rolling pattern every roll or point.

An online casino does not have the ability to simulate this. Sure, they can manipulate the random number generator, but there's still no way to accurately simulate table action. Having programmed, I know that a random number generator is not all that random. Worse, if the computer simply "picks a number", it is not even a proper setup to being with. Let's keep looking at Craps. Does the casino have a random number generator that simply picks a number between one and twelve? If so, all the numbers have an even shot at coming out, which is against true probability. Perhaps they list out all probable combinations and then the computer selects one. This would be a little more accurate, probability wise, but it still lacks the real randomness of live action—and weird events are more likely to ensue.

What I'm about to tell you is true and happens more frequently than one would imagine. A tester recently played at an online casino (Craps) to monitor number frequency in the field. Within the span of just 150 rolls, the computer rolled 11 non-field numbers in a row and then followed it up a handful of rolls later by rolling 12 non-field numbers in a row. What's the big deal you ask? Well, first, the field has a 44.5% chance of winning on every roll and second; the probability of throwing 11 non-field rolls in a row is .0015%. The probability of throwing 12 non-field numbers in a row is .0008%. These events should happen once every 667 rolls and once every 1176 rolls respectively, yet both were seen within a handful of rolls from each other within the 150 rolls monitored.

But wait, there's more. Within these same, now historic, 150 rolls, a six was not thrown for 13–16 rolls 5 times. The probability of not throwing a six 13 times is 14.5% (9% for 16 rolls)—this happened 5 times

in 150 rolls. The same happened to the eight—in fact—there were two instances where an eight was not thrown for 18–20 times. The probability of this happening is 5–7% and it happened twice.

When you add all of these things together, you get a more accurate picture of just how unrealistic random number generators are for simulating real casino action. I am not trying to scare you away from playing. In fact, money can be made and fun can be had at online casinos. However, you need to realize that you are playing in a different environment with different rules. You can't go chasing bets thinking they are overdue, mathematically, to come in, because this is a different world with a different way of producing outcomes. Playing strategies that you would use in a real live casino might not be applicable in an online casino. Read more at [WiseBettor.com](http://www.WiseBettor.com).

<http://www.WiseBettor.com>

is full of articles on gambling, gambling strategies, gambling reviews and

more from an ex–professional Vegas gambler. To read more articles about Craps, visit

<http://www.wisebettor.com/craps/>

### **Online Casinos**

**By Adel Awwad**

Casinos rise and fall faster than you can blink an eye. The first casino was opened in 1941 on the Los Vegas strip; however by 1992 all of those casinos had been demolished to make way for new modern casinos. Online it has been the same evolution with casinos sprouting around every corner of cyberspace. These have come and gone faster than the click of your mouse. But how did this start?

Let's start with Google the internet search engine. Type in online casino and it brings back more than 27 million websites. The sheer volume for the term online casino reflects how many people have vested interests in the gaming industry and how popular online casinos have become. The first online casinos first made their appearance during 1996 and a mere US\$17 million was wagered, compared to US\$3 billion by 2000.

It is estimated today that more than a trillion dollars gets spent online each year with online casinos worldwide. Bear Stearns, a leading worldwide investment banking and securities trading and brokerage firm, estimates that during 2003 more than US\$ 6 billion had been spent on online casinos by US gamblers alone! With the growing adoption of broadband internet this online pool of gamblers increases each year.

With online casinos there has also been the expansion of online advertising to gamblers, which according to the BBC places gambling advertisers as the fifth largest advertisers on the internet. Online casinos make use of two types of software. Those that you can download and install onto your computer and the true online casinos where you gamble on the interface of the online casinos web

page. Each party makes their choices of how they wish to interact online. With all this sophisticated software, how do online casinos compare to your average brick and mortar casino? Each has their advantages. In an online casino you can play more than one poker game at a time or even gamble on more than one game at a time. In a normal casino this would not be physically possible. The advantage of any real casino compared to an online casino is that you can always judge the physical reaction of the players around the table.

With an online casino it is impersonal and you would never be able to guess the cards the other person is holding. Online casinos have made great strides in trying to mimic the feel of a real casino in the fashion of the bricks and mortar casinos. They have flashy web pages and music to lure you to play. Domain names in it self have become a big issue with the purchase of misspelled domain names for online casinos.

A recent dispute with the domain name of Sportsodds springs to mind. This domain name was registered by their competitor to drive traffic to the competitor's webpage's. This ended in a legal dispute. Online casinos are big business judging from the amount of money that gets placed on bets and by the amount of money being spent on it. Where there is big money, there will always be disputes.

Online casinos are open 24 hours a day, 7 days a week and they are accessible from anywhere in the world. Casinos use to be down the road or in your next big town. That has changed in the 21st century. With the advent of online casinos the casino is now in your home. Better yet, if you are reading this, you are already at the casinos doorstep. What is stopping you from placing your bet at an online casino

today and joining millions of others?

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