# ODDS OF WINNING

Casino gaming should not be considered a way to make money. All games are provided to you, under licence, for the purposes of entertainment. Whether you play gaming machines (the 'pokies'), blackjack, roulette, baccarat, poker or any other game, it is important to remember that all games of chance are based on random outcomes and always favour the casino (the 'house').

If you feel that gambling is, or might be, causing you or someone else harm, please contact a member of our Gaming or Security Management teams for advice. Alternatively, you can call the Gambling Helpline for a free, confidential service.

### GAMBLING HELPLINE 0800 654 655

#### UNDERSTANDING HOUSE ADVANTAGE

House advantage is a measure of how much the casino expects to win. For example, where the house advantage is 5%, a player will lose on average over time, \$5 for every \$100 wagered.

In some games, player betting or skill decisions can affect the house advantage, but the house always has an advantage against the typical player. Because the odds always favour the house, the longer, the faster or the more a person wagers on a casino game, the more that person should expect to lose.

#### **SUPERSTITIONS & BELIEFS**

It might be fun to believe that rubbing a rabbit foot improves your chance of winning, but the reality is that this 'magical thinking' has no impact whatsoever. All casino games are based on randomness, or chance.

It's also important to understand the concept of independent events. Each spin of the reel, wheel or dice is considered to be an independent event, meaning that the chances of a specific outcome remain the same and are not influenced by previous events. So-called gambling hot streaks are merely random sequences of events perceived by players to be favourable. Over time, the overall outcome will favour the casino and approach the house advantage.



## HOUSE ADVANTAGE & PLAYER'S EXPECTED LOSS

Game Type	House Advantage	For every \$100 bet, a player can expect to lose:
BACCARAT	1.2%	\$1.20
ROULETTE	2.7%	\$2.70
BLACKJACK	2.0%	\$2.00
CARIBBEAN STUD POKER	5.0%	\$5.00
POKER	7.5%	\$7.50
GAMING MACHINES (denominations)		
1c	8.7%	\$8.70
2c	8.4%	\$8.40
5c	7.7%	\$7.70
10c-20c	6.8%	\$6.80
MULTI	6.0% - 8.7%	\$6.00 - \$8.70

NOTE: The information provided above is for illustrative purposes only. Different games (particularly gaming machines) have rule/play variations, so only a typical offering/bet is shown. Actual house advantages and percentages will vary over time. A casino operator may, in accordance with government regulations, offer a greater or lower house advantage. For games allowing for strategic decisions (e.g. Blackjack,

Caribbean Stud Poker), 'average player' strategy is assumed.

#### **GOVERNMENT REGULATIONS**

All New Zealand casinos operate in a tightly controlled (regulated) environment to ensure the games offered remain fair and the results determined by chance.

Gaming machines (pokies) must meet stringent technical and operating standards, including specific payout percentages, before they even hit the casino floor.

If you have any concern about the way Grand Casino conducts it's gambling activities, you can conduct a Gambling Inspector on 0800 257 887 or dia.govt.nz/gambling

