

9. References

- Abbott, M.W. & Volberg, R.A. (1996). The New Zealand National survey of problem and pathological gambling. *Journal of Gambling Studies*, 12 (2), 143-160.
- Abbott, M.W., Williams, M.M. & Volberg, R.A. (1999). *Seven years on: A follow-up study of frequent and problem gamblers living in the community*. Wellington, New Zealand: Report Number Two of the New Zealand Gaming Survey, Department of Internal Affairs.
- Australian Bureau of Statistics (ABS) (1999). Gambling net takings of over \$11 billion confirmed. *Media Release, June 28 1999*, <http://www.statistics.gov.au>.
- Australian Institute of Health and Welfare (AIHW) (2000). *Statistics on drug use in Australia 1998*. Canberra, ACT: AIHW.
- American Psychiatric Association. (1980). *Diagnostic and statistical manual of mental disorders* (3rd ed.). Washington, D.C.: American Psychiatric Association
- American Psychiatric Association. (1994). *Diagnostic and statistical manual of mental disorders* (4th ed.). Washington, D.C.: American Psychiatric Association.
- Anderson, G. & Brown, R.I.F. (1984). Real and laboratory gambling, sensation seeking and arousal: Towards a Pavlovian component in general theories of gambling and gambling addictions. *British Journal of Psychology*, 75, 401-411.
- Babor, T.F. (1994). Method and theory in the classification of alcoholics. In T.F. Babor, V. Hesselbrock, R.E. Meyer & W. Shoemaker (Eds.) *Types of Alcoholics: Evidence from clinical, experimental, and genetic research*. *Annals of the New York Academy of Science*, New York, NY: New York Academy of Science, 708, 1-6.

- Babor, T.F., de la Fuente, J.R., Saunders, J. & Grant, M. (1992). *AUDIT The Alcohol Use Disorders Identification Test: Guidelines for use in primary health care*. World Health Organisation.
- Barker, J.C. & Miller, M. (1966). Aversion therapy for compulsive gambling. *Lancet*, 1, 491-492.
- Barnes, G.M., Welte, J.W., Hoffman, J.H. & Dintcheff, B.A. (1999). Gambling and alcohol use among youth: influences of demographic, socialization, and individual factors. *Addictive Behaviors*, 24 (6), 749-767,
- Baron, E. & Dickerson, M.D. (1999). Alcohol consumption and self-control of gambling behaviour. *Journal of Gambling Studies*, 15. 3-15.
- Barry, K.L. & Fleming, M.F. (1993). The Alcohol Use Disorders Identification Test (AUDIT) and the SMAST-13: Predictive validity in a rural primary care sample. *Alcohol & Alcoholism*, 28 (1), 33-42.
- Black, D.W. & Moyer, T. (1998). Clinical features and psychiatric co-morbidity of subjects with pathological gambling behavior. *Psychiatric Services*, 49 (11), 1434-1439.
- Blaszczynski, A. McConaghy, N. & Frankova, A. (1991). Control versus abstinence in the treatment of pathological gambling: A two to nine year follow-up. *British Journal of Addiction*, 86, 299-306.
- Blaszczynski, A.P. & McConaghy, N. (1989). Anxiety and/or depression in the pathogenesis of pathological gambling. *International Journal of the Addictions*, 24, 215-218.
- Blaszczynski, A., Walker, M., Sagris, A. & Dickerson, M. (1999). Psychological aspects of gambling behaviour: An Australian psychological society position paper. *Australian Psychologist*, 34 (1), 4-16.

- Blume, S.B. (1994). Pathological gambling and switching addictions: Report of a case. *Journal of Gambling Studies*, 10 (1), 87-96.
- Blume, S.B.(1989). Treatment for the addictions in a psychiatric setting. *British Journal of Addiction*, 84, 727-729.
- Bond, P. (1998). The development of good practice and treatment in the rehabilitation of alcoholic and drug-addicted inmates in Her Majesty's prisons. *Alcohol & Alcoholism*, 33 (1), 83-88.
- Briggs, J.R., Goodin, B.J. & Nelson, T. (1996). Pathological gamblers and alcoholics: Do they share the same addictions? *Addictive Behaviors*, 21 (4), 515-519.
- Brown, B.R. (1991). The selective adaptation of the Alcoholics Anonymous program by Gamblers Anonymous. *Journal of Gambling Studies*, 7 (3), 187-206.
- Bujold, A., Ladouceur, R. & Sylvain, C. (1994). Treatment of pathological gamblers: An experimental study. *Journal of Behavioral Therapy and Experimental Psychiatry*, 25, 275-282.
- Castellani, M.A. & Rugle, L. (1995). A comparison of pathological gamblers to alcoholics and cocaine misusers on impulsivity, sensation seeking, and craving. *The International Journal of the Addictions*, 30 (3), 275-289.
- Chan-Pensley, E. (1999). Alcohol-Use Disorders Identification Test: A comparison between paper and pencil and computerized versions. *Alcohol & Alcoholism*, 34 (6), 882-885.
- Ciarrocchi, J. (1987). Severity of impairment in dually addicted gamblers. *Journal of Gambling Studies*. 31 (1), 16-26.
- Ciarrocchi, J.W. (1993). Rates of pathological gambling in publicly funded outpatient substance abuse treatment. *Journal of Gambling Studies*, 9 (3), 289-293.

- Ciarrocchi, J. & Richardson, R. (1989). Profile of compulsive gamblers in treatment: Update and comparisons. *Journal of Gambling Behavior*, 5 (1), 53-65.
- Comings, D.E., Gade, R., Wu, S., Chiu, S., Dietz, G., Muhleman, D., Saucier, G., Rosenthal, R.J., Rugle, L.J. & MacMurray, P. (1997). Studies of the potential role of the dopamine D1 receptor gene in addictive behaviours. *Molecular Psychiatry*, 2 (1), 44-56
- Comings, D.E., Rosenthal, R.J., Lesieur, H.R., Rugle, L.J., Muhleman, D., Chiu, C. & Gade, R. (1996). A study of the dopamine D2 receptor gene in pathological gambling. *Pharmacogenetics*, 6 (3), 223-34.
- Conigrave, K.M., Hall, W.D. & Saunders, J.B. (1995). The AUDIT questionnaire: Choosing a cut-off score. *Addiction*, 50, 1349-1356.
- Crockford, D.N. & el-Guebaly, N. (1998). Naltrexone in the treatment of pathological gambling and alcohol dependence. *Canadian Journal of Psychiatry*, 43 (1), 86.
- Cunningham-Williams, R.M., Cottler, L.B., Compton, W.M. & Spitznagel, E.L. (1998). Taking chances: Problem gamblers and mental health disorders – results from the St. Louis Epidemiologic Catchment Area study. *American Journal of Public Health*. 88 (7), 1093-1096.
- Daghestani, A.N., Elenz, E. & Crayton, J.W. (1996). Pathological gambling in hospitalized substance abusing veterans. *Journal of Clinical Psychiatry*, 57 (8), 360-363.
- DeCaria, C.M., Hollander, E., Grossman, R., Wong, C.M., Mosovich, S.A. & Cherkasky, S. (1996). *Journal of Clinical Psychiatry*, 57 (8), 80-84.
- Des Jarlais, D.C. & Hubbard, R.L. (1997). Alcohol and drug abuse. In R. Detels, Holland, W.H., McEwen, J. & C.S. Onenn (Eds.), *Oxford textbook of public health: Vol 3 (3rd ed.)* New York: Oxford University Press.

- Dickerson, M. (1991). Gambling: The psychology of a non-drug compulsion. *Drug and Alcohol Review*, 9, 187-199.
- Dickerson, M.G., Allcock, C., Blaczynski, A., Maddern, R., Nicholls, B. & Williams, J. (1998). *A repeat of the 1995 study 2: An examination of the socio-economic effects of gambling on individuals, families, and the community, including research into the costs of problem gambling in N.S.W.* Report to the Casino Community Benefit Fund, N.S.W. Government. Australian Institute for Gambling Research: University of Western Sydney.
- Dickerson, M. G., Baron, E., Hong, S. M. & Cottrell, D. (1996). Estimating the extent and degree of gambling related problems in the Australian population: A national survey. *Journal of Gambling Studies*, 12 (2), 161-178.
- Dickerson, M. G., McMillen, J., Hallebone, E. & Wooley, R. (1997). *Definition and incidence of problem gambling including the socio-economic distribution.* Report to the Victorian Casino and Gaming Authority, Victoria.
- Dickerson, M. G., Walker, M., Legg England, S. & Hinchy, J. (1990). Demographic, personality, cognitive and behavioural correlates of off-course betting involvement. *Journal of Gambling Studies*, 6 (2), 165-182.
- Elia, C. & Jacobs, D.F. (1993). The incidence of pathological gambling among Native Americans treated for alcohol Dependence. *International Journal of the Addictions*, 28 (7), 659-666.
- Feigelman, W., Kleinman, P.H., Lesieur, H.R., Millman, R.B. & Lesser, M.L. (1995). Pathological gambling among methadone patients. *Drug and Alcohol Dependence*, 39, 75-81.
- Gadbourey, A. & Ladouceur, R. (1989). Erroneous perceptions and gambling. *Journal of Social Behavior and Personality*, 4, 411-420.

- Garbutt, J.C., West, S.L., Carey, T.S., Lohr, K.N. & Crews, F.T. (1999).
Pharmacological treatment of alcohol dependence: A review of the evidence.
JAMA, 281 (14), 1318-1325.
- Greenberg, J.L., Lewis, S.E. & Dodd, D.K. (1999). Overlapping addictions and self-esteem among college men and women. *Addictive Behaviors*, 24 (4), 565-571.
- Hollander, E., Frenkel, M. & DeCaria C. (1992). Treatment of pathological gambling with clomipramine. *American Journal of Psychiatry*, 149, 710-711.
- Keller, M., McCormick, M. & Efron, V. (1982). *A dictionary of words about alcohol*. 2nd edition. New Brunswick, NJ: Rutgers University Centre of Alcohol Studies.
- Koller, K.N. (1972). Treatment of poker machine addicts by aversion therapy. *Medical Journal of Australia*, 1, 742-745.
- Kyngdon, A. & Dickerson, M. (1999). An experimental study of the effect of prior alcohol consumption on a simulated gambling activity. *Addiction*, 94, 697-707.
- Lejoyeux, M., Feuche, M.D., Loi, S., Solomon, J. & Ades, J. (1999). Study of impulse-control disorders among alcohol-dependent patients. *Journal of Clinical Psychiatry*, 60 (5), 302-305.
- Lesieur, H.R. & Blume, S.B. (1987). The South Oaks Gambling Screen (SOGS): A new instrument for the identification of pathological gamblers. *American Journal of Psychiatry*, 144 (9), 1185-1188.
- Lesieur, H.R. & Blume, S.B. (1990). Characteristics of pathological gamblers identified among patients on a psychiatric admissions services. *Hospital and Community Psychiatry*, 41 (9), 1009-1012.
- Lesieur, H. & Blume, S. (1991). Evaluation of patients treated for pathological gambling in a combined alcohol, substance abuse and pathological gambling

- treatment unit using the Addiction Severity Index. *British Journal of Addiction*, 86, 1017-1028.
- Lesieur, H., Blume, S.B. & Zoppa, R. (1986). Alcoholism, drug abuse and gambling. *Alcoholism: Clin. Exp. Res.*, 10, 33-38.
- Lesieur, H.R., Cross, J., Frank, M., Welch, M., White, C.M., Rubenstein, G., Moseley, K. & Mark, M. (1991). Gambling and pathological gambling among university students. *Addictive Behaviors*, 16, 517-527.
- Lesieur, H.R. & Heineman, M. (1988). Pathological gambling among youthful multiple substance abusers in a therapeutic community. *British Journal of Addiction*, 83, 765-771.
- Lesieur, H.R. & Rosenthal, J.R. (1991). Pathological gambling: A review of the literature. *Journal of Gambling Studies*, 7, 5-40.
- Linden, R.D., Pope, H.G. & Jonas, J.M. (1986). Pathological gambling and major affective disorder: Preliminary findings. *Journal of Clinical Psychiatry*, 134, 558-559.
- Litten, R.Z. & Allen, J.P. (1998). Advances in development of medications for alcoholism treatment. *Psychopharmacology*, 139, 20-33.
- Mann, K., Hermann, D. & Heinz, A. (2000). One hundred years of alcoholism: The twentieth century. *Alcohol & Alcoholism*, 35 (1), 10-15.
- McConaghy, N., Armstrong, M.S., Blaszczynski, A. & Allcock, C. (1988). Behavior completion versus stimulus control in compulsive gambling: Implications for behavioral assessment. *Behavior Modification*, 12, 371-384.
- McCormick, R.M. (1993). Disinhibition and negative affectivity in substance abusers with and without a gambling problem. *Addictive Behaviors*, 18, 331-336.

- McCormick, R.M., Russo, A.M., Ramirez, L.F. & Taber, J.I. (1984). Affective disorders among pathological gamblers seeking treatment. *American Journal of Psychiatry*, 141 (2), 215-218.
- McElroy, S.L., Hudson, J.I., Harrison, G., Pope, J., Keck, P.E. & Aizley, H.G. (1992). The DSM-III-R Impulse control disorders not elsewhere classified: Clinical characteristics and relationship to other psychiatric disorders. *American Journal of Psychiatry*, 149 (3), 318-327.
- Moncrieff, J. & Drummond, D.C. (1997). New drug treatments for alcohol problems: a critical appraisal. *Addiction*, 92 (8), 939-947.
- Moskowitz, J.A. (1980). Lithium and lady luck: use of lithium carbonate in compulsive gambling. *New York State Journal of Medicine*, 80, 785-788.
- NHMRC (2000). *Australian drinking guidelines*. National Health and Medical Research Council: <http://www.nhmrc.health.gov.au/advice/alcohol.htm>
- O'Connor, J., Asshenden, R., Raven, M. & Allsop, S. (2000) *Current 'Best Practice' Interventions for Gambling Problems: A Theoretical and Empirical Review*. Victorian Government Department of Human Services, Melbourne.
- O'Malley, S.S., Jaffe, A.J. & Chang, G. (1996). Six month follow-up of naltrexone and psychotherapy for alcohol dependence. *Archives of General Psychiatry*, 53, 217-224.
- Petry, N.M. & Armentano, C. (1999). Prevalence, assessment, and treatment of pathological gambling: A review. *Psychiatric Services*, 50, 1021-1027.
- Productivity Commission (1999). *Australia's gambling industries*. (Report No. 10), Canberra: AusInfo.

- Ramirez, L.F., McCormick, R.A., Russo, A.M. & Taber, J.I. (1983). Patterns of substance abuse in pathological gamblers undergoing treatment. *Addictive Behaviors*, 8, 425-428.
- Russo, A.M., Taber, J.I., McCormick, R.A. & Ramirez, L.F. (1984). An outcome study of an in-patient treatment program for pathological gamblers. *Hospital and Community Psychiatry*, 35, 823-827.
- Saunders, J.B., Aasland, O.G., Babor, T.F., De la Fuente, J.R., & Grant, M. (1993). Development of the Alcohol Use Disorders Identification Test (AUDIT): WHO collaborative project on early detection of persons with harmful alcohol consumption –II. *Addiction*, 88, 791-804.
- Shaffer, H.J. (1999). Strange befellows: a critical view of pathological gambling and addiction. *Addiction*, 94 (10), 1445-1448.
- Sharpe, L. (in press). A reformulated cognitive-behavioural model of problem gambling: A biopsychosocial perspective. *Clinical Psychology Review*.
- Sharpe, L. & Tarrier, N. (1992). A cognitive-behavioral treatment approach for problem gambling. *Journal of Cognitive Psychotherapy: An International Quarterly*, 6, 193-203.
- Shepherd, R.M. (1996). Clinical obstacles in administering the South Oaks Gambling Screen in a Methadone and Alcohol Clinic. *Journal of Gambling Studies*, 12 (1), 21-32.
- Smart, R.G. & Ferris, J. (1996). Alcohol, drugs and gambling in the Ontario Adult population. *Canadian Journal of Psychiatry*, 41, 36-45.
- Spunt, B., Dupont, I., Lesieur, H., Liberty, H.J. & Hunt, D. (1998). Pathological gambling and substance misuse: A review of the literature. *Substance Use & Misuse*, 33 (13), 2535-2560.

Spunt, B., Lesieur, H., Hunt, D. & Cahill, L. (1995). Gambling among methadone patients. *International Journal of the Addictions*, 30, 929-962.

Swift, R.M. (1999). Drug therapy for alcohol dependence. *New England Journal of Medicine*, 340 (19), 1482-1490.

Sylvain, C., Ladouceur, R. & Boisvert, J.M. (1997). Cognitive and behavioral treatment of pathological gambling: A controlled study. *Journal of Consulting and Clinical Psychology*, 65, 727-732.

Templer, D., Kaiser, G. & Siscoe, K. (1993). Correlates of pathological gambling propensity in prison inmates. *Comprehensive Psychiatry*, 34 (5), 347-351.

Wetterling, T., Veltrup, C. & Junghanns, K. (1997). How to assess craving for alcohol. *European Addiction Research*, 3, 110-115.

Appendices

- Appendix A. Treatment services questionnaire.
- Appendix B1. Demographic characteristics of co-morbid respondents attending treatment services for alcohol problems.
- Appendix B2. Demographic characteristics of co-morbid respondents attending treatment services for gambling problems.
- Appendix B3. Demographic characteristics of co-morbid respondents attending treatment services for alcohol and gambling problems.
- Appendix C1. Demographic characteristics of co-morbid respondents with self-identified drinking problems not attending treatment services.
- Appendix C2. Demographic characteristics of co-morbid respondents with self-identified gambling problems not attending treatment services.
- Appendix D. Demographic characteristics of co-morbid respondents that regularly play EGM's.
- Appendix E. Forms of gambling played once a week or more by co-morbid respondents receiving treatment, co-morbid respondents not receiving treatment, and co-morbid respondent that are regular EGM players.
- Appendix F1. Co-morbid respondents attending treatment services: Family members and social contacts with alcohol and/or gambling problems.
- Appendix F2. Co-morbid respondents not attending treatment services: Family members and social contacts with alcohol and/or gambling problems.
- Appendix G1. Gambling patterns of co-morbid respondents attending treatment services for alcohol and/or gambling problems.
- Appendix G2. Gambling patterns of co-morbid respondents not attending treatment services.
- Appendix G3. Gambling patterns of co-morbid respondents that regularly gamble on EGM's.
- Appendix H. Study 1. Participating treatment services.
- Appendix I. Study 2. 1800 phone message recorded for potential respondents.



UWS Macarthur

PO Box 555, Campbelltown NSW 2560 Australia

Ethics Approval Number: 2000/052

The relationship between alcohol drinking and gambling

You are invited to participate in a study that will be investigating the relationship between alcohol drinking and gambling patterns. We hope to estimate how often a person may experience problems associated with drinking and gambling in order to describe a group of people who may benefit from a different or additional type of treatment or recovery program.

If you decide to participate, this questionnaire will ask several questions about your alcohol consumption and gambling patterns. The questionnaire will take approximately 20 minutes of your time to fill out and a reply-paid envelope has been included so that you can post the questionnaire back to me at the Uni from anywhere in N.S.W. free of charge.

The questionnaire is to be filled out *anonymously*. That is, we do not require your name, address or phone number to be written on the questionnaire.


The data from the questionnaire will be entered into a computer and then tabulated into a report. A copy of the report will be sent to the Service that you are seeking help from so that you may look at it if you wish.

Your decision whether or not to participate will not prejudice your future relations with the University of Western Sydney Macarthur or the Service you are seeking help from. If you decide to participate, you are free to withdraw your consent and to discontinue participation at any time without prejudice.

To ensure anonymity and confidentiality of your information, a reply-paid envelope is supplied with this questionnaire so that you can fill it out in your own time and POST IT BACK to Sandi Hill at the University of Western Sydney.

If you have any questions regarding the questionnaire or nature of the study please do not hesitate to call Sandi Hill (9772 6733) or her Supervisor Professor Mark Dickerson (9772 6916).

The ethical aspects of this study has been approved by the University of Western Sydney Macarthur Ethics Review Committee (Human Subjects). If you have any complaints or reservations about the ethical conduct of this research, you may contact the Ethics Committee through the Executive Officer, Claire Kaspura (tel: 02 4620 3641). Any issues you raise will be treated in confidence and investigated fully, and you will be informed of the outcome.

 **Please remember to post the questionnaire back to me at the University of Western Sydney by**
Thanks. Sandi

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Please tick one box for questions A, B, C, & D.

A) Is this the first time you have attended a Treatment Service or Recovery Program for problems associated with alcohol and/or gambling?

- Yes
 No

B) You are attending a Treatment Service or Recovery Program for:

- Alcohol
 Gambling
 Alcohol & Gambling

C) How long have you been attending this Service?

- 1 month or less
 More than 1 month to 3 months
 More than 3 months to 6 months
 More than 6 months to 12 months
 More than 12 months

D) Before you sought help from your current Service provider, approximately how long did you have problems associated with drinking alcohol and/or gambling?

- Less than 6 months
 6 to 12 months
 1 year or more

READ THIS CAREFULLY

Please think back to the time when you first sought help from the alcohol and/or gambling Treatment Service or Recovery Program you are currently attending.



Please answer all questions as if you had just sought help, for the first time, for your alcohol and/or gambling problems from the treatment service or recovery program you are currently attending. Please answer all questions as honestly as possible.

Rating Scale for answering questions 1 to 7:

- 0 = Never
- 1 = Monthly or less
- 2 = 2 to 4 times a month
- 3 = 2 to 3 times a week
- 4 = 4 or more times a week

Please tick one box per item which best represents your drinking patterns just before you sought help from the Treatment Service or Recovery Program you are currently attending.

♣ A Standard Drink is a "middy" or "twist top" of full strength beer or a schooner of light beer; or a small glass of wine, sherry or port; or a nip of spirits. A "schooner", "stubby" or "can" of full-strength beer contains around 2 standard drinks.

| Q | Item | 0 | 1 | 2 | 3 | 4 |
|----|---|---|---|---|---|---|
| 1. | Just before you sought help, how often did you have a drink containing alcohol? | | | | | |
| 2. | Just before you sought help, how often did you have six or more standard* drinks on any one occasion? | | | | | |
| 3. | Just before you sought help, how often during the last year had you found that you were not able to stop drinking once you had started? | | | | | |
| 4. | Just before you sought help, how often during the last year had you failed to do what was normally expected from you because of drinking? | | | | | |
| 5. | Just before you sought help, how often during the last year did you need a first drink in the morning to get yourself going after a heavy drinking session? | | | | | |
| 6. | Just before you sought help, how often during the last year have you had a feeling of guilt or remorse after drinking? | | | | | |
| 7. | Just before you sought help, how often during the last year had you been unable to remember what happened the night before because you had been drinking? | | | | | |

8. Just before you sought help, had you or someone else been injured as a result of your drinking?

- Yes, but not in the last year
- Yes, during the last year
- No

9. Just before you sought help, had a relative or friend, or a doctor or other health worker been concerned about your drinking or suggested you cut down?

- Yes, but not in the last year
- Yes, during the last year
- No

10. Just before you sought help, how many standard* drinks containing alcohol did you have on a typical day when drinking?

- 1 or 2
- 3 or 4
- 5 or 6
- 7 to 9
- 10 or more

Please tick one box per item which best represents your gambling patterns just before you sought help from the Treatment Service or Recovery Program you are currently attending.

1. Just before you sought help, which of the following types of gambling had you done in the last year. Please indicate by ticking one box "not at all", "Less than once a week" or "Once a week or more" for each question.

| Q | Not at all | Less than once a week | Once a week or more | Gambling Forms |
|---|------------|-----------------------|---------------------|--|
| A | | | | Played gaming machines (eg. Poker or video card machines) |
| B | | | | Bet on horse/harness/greyhound races (excluding sweeps) |
| C | | | | Bought an instant lottery ticket (eg. Instant Scratchies, Scratch 'n' win) |
| D | | | | Played lotto or any other lottery game (eg. Tattsлото, Powerball) |
| E | | | | Played table games at a casino |
| F | | | | Played Keno at a club, hotel, casino or any other place |
| G | | | | Played bingo at a club or hall |
| H | | | | Bet on a sporting event (eg. Football, cricket, tennis) |
| I | | | | Gambled on the internet |
| J | | | | Played games privately for money at home/elsewhere (eg. Cards, mahjong) |
| K | | | | Played any other gambling activity (excluding raffles) |
| L | | | | Played the stock, options and/or commodities market |

2. Just before you sought help, on average, how often did you gamble?

- Never
- Monthly or less
- 2 to 4 times a month
- 2 to 3 times a week
- 4 or more times a week

3. Just before you sought help, on average, how long did you gamble on any given playing day?

- Never
- Less than an hour
- Between 1 and 2 hours
- 3 hours or more

4. Just before you sought help, what is the largest amount of money you have ever lost in one day? ⁵

- \$1 or less
- More than \$1 up to \$10
- More than \$10 up to \$100
- More than \$100 up to \$1000
- More than \$1,000 up to \$10,000
- More than \$10,000

5. Just before you sought help, which of the following people in your life has (or had) a gambling and/or alcohol problem?

| | Gambling | Alcohol | | Gambling | Alcohol |
|----------------------|----------|---------|---|----------|---------|
| Father | | | My child(ren) | | |
| Mother | | | A grandparent | | |
| A brother or sister | | | Another relative | | |
| My spouse or partner | | | A friend or someone else important in my life | | |

6. Just before you sought help, when you gambled, how often did you go back another day to win back money you lost?

- Never
- Some of the time (less than half the time) I lost
- Most of the time I lost
- Every time I lost

7. Just before you sought help, had you ever claimed to be winning money gambling but weren't really? In fact you lost?

- Never
- Yes, less than half the time I lost
- Yes, most of the time

8. Just before you sought help, did you feel you had ever had a problem with gambling?

- No
- Yes, in the past but not now
- Yes, most of the time

| Q | Tick one box (Yes or No) that best represents your gambling patterns, just before you sought help. | YES | NO |
|-----|--|-----|----|
| 9. | Did you ever gamble more than you intended to? | | |
| 10. | Have people ever criticised your gambling? | | |
| 11. | Have you ever felt guilty about the way you gamble or what happens when you gamble? | | |

Tick one box before you sought help. Have you ever lost money? If you answered yes, what was the largest amount of money you lost in one day? If you borrowed money from anyone, from whom? How often did you go back another day to win back money you lost? How often did you go back another day to win back money you lost? You cashed? You sold? You borrowed? Just before you sought help, had you ever claimed to be winning money gambling but weren't really? In fact you lost? Just before you sought help, did you feel you had ever had a problem with gambling? A Standard of wine, s around 2:

| <i>ie box (Yes or No) that best represents your gambling patterns, just you sought help.</i> | YES | NO |
|---|-----|----|
| ou ever felt like you would like to stop gambling, but didn't think d? | | |
| ou ever hidden betting slips, lottery tickets, gambling money, or gns of gambling from your spouse, children or other important in your life? | | |
| ou ever argued with people you live with over how you handle ? | | |
| answered yes to the previous question: Have money arguments ever on your gambling? | | |
| ou ever borrowed from someone and not paid them back as a result gambling? | | |
| ou ever lost time from work (or school) due to gambling? | | |
| orrowed money to gamble or pay gambling debts, who or where did row from? (Tick yes or no for each item below) | | |
| ousehold money? | | |
| our spouse? | | |
| ther relatives or in-laws? | | |
| anks, loan companies, or credit unions? | | |
| redit cards? | | |
| an sharks? | | |
| shed in stocks, bonds or other securities? | | |
| d personal or family property? | | |
| rowed on your checking account (passed bad cheques)? | | |

efore you sought help, on average, how often did you drink alcohol when you gambled?

- Never
- 10% of the time I gambled
- 25% if the time I gambled
- 50% of the time I gambled
- 100% of the time I gambled

efore you sought help, on average, how many standard* alcoholic drinks did you drink g a typical gambling session?

- 1 or 2
- 3 or 4
- 5 or 6
- 7 to 9
- 10 or more

andard Drink is a "middy" or "twist top" of full strength beer or a schooner of light beer; or a small glass e, sherry or port; or a nip of spirits. A "schooner", "stubby" or "can" of full-strength beer contains 2 standard drinks.

Demographic Information

Please tick the appropriate response.

What is your age (in years)?

- | | | | |
|--------------------------|-------|--------------------------|-------|
| <input type="checkbox"/> | 18-19 | <input type="checkbox"/> | 50-54 |
| <input type="checkbox"/> | 20-24 | <input type="checkbox"/> | 55-59 |
| <input type="checkbox"/> | 25-29 | <input type="checkbox"/> | 60-64 |
| <input type="checkbox"/> | 30-34 | <input type="checkbox"/> | 65-69 |
| <input type="checkbox"/> | 35-39 | <input type="checkbox"/> | 70-74 |
| <input type="checkbox"/> | 40-44 | <input type="checkbox"/> | 75-79 |
| <input type="checkbox"/> | 45-49 | <input type="checkbox"/> | 80+ |

What is your sex?

- Male
- Female

Thank you for your assistance

Approximately what is your yearly income?

- | | | | |
|--------------------------|-----------------|--------------------------|-----------------|
| <input type="checkbox"/> | \$0-10,000 | <input type="checkbox"/> | \$40,001-50,000 |
| <input type="checkbox"/> | \$10,001-20,000 | <input type="checkbox"/> | \$50,001-60,000 |
| <input type="checkbox"/> | \$20,001-30,000 | <input type="checkbox"/> | \$60,001-70,000 |
| <input type="checkbox"/> | \$30,001-40,001 | <input type="checkbox"/> | \$70,001+ |

Please

Which of the following best describes your current work status?

- | | | | |
|--------------------------|-------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | Working full time | <input type="checkbox"/> | Retired (self-supporting) |
| <input type="checkbox"/> | Working part time | <input type="checkbox"/> | Pensioner |
| <input type="checkbox"/> | Home duties | <input type="checkbox"/> | Unemployed (or looking for work) |
| <input type="checkbox"/> | Student | <input type="checkbox"/> | Other |

What is the highest level of education you have reached?

- Primary School
- Junior Secondary (School Certificate year 10)
- Senior Secondary (HSC)
- Trade/TAFE certificate
- University Degree
- Post-graduate University Degree

What is your current marital status?

- Married
- Separated or divorced
- Defacto/Living with a partner
- Widowed
- Single

What is your country of birth? _____

What language do you speak at home? _____

for taking the time to participate in this study. ☺ The information will assess the need for different or additional treatment services in N.S.W.

**ase remember to post this questionnaire back to
at the University of Western Sydney by
Thanks. *Sandi* ☺**

Demographic Characteristics of Co-morbid Respondents Attending Treatment Services for Alcohol Problems

| Sex | n | % |
|--------|----|----|
| Male | 24 | 75 |
| Female | 8 | 25 |

| Language spoken | n | % |
|-----------------|----|------|
| English | 31 | 96.9 |
| NESB | 1 | 3.1 |

| Work status | n | % |
|----------------|---|------|
| Full time work | 5 | 15.6 |
| Part time work | 4 | 12.5 |
| Home duties | 1 | 3.1 |
| Student | 2 | 6.3 |
| Retired | 5 | 15.6 |
| Pensioner | 3 | 9.4 |
| Unemployed | 8 | 25 |
| Other | 4 | 12.5 |

| Marital status | n | % |
|--------------------|---|------|
| Married | 9 | 28.1 |
| Separated/Divorced | 9 | 28.1 |
| Defacto | 5 | 15.6 |
| Single | 9 | 28.1 |

| Age | n | % |
|-------|----|------|
| 20-29 | 5 | 15.7 |
| 30-39 | 14 | 43.8 |
| 40-49 | 5 | 15.7 |
| 50-59 | 6 | 18.8 |
| 60-69 | 2 | 6.3 |

| Highest Education | n | % |
|--------------------|----|------|
| Primary school | 3 | 9.4 |
| School certificate | 14 | 43.8 |
| HSC | 3 | 9.4 |
| TAFE | 7 | 21.9 |
| Degree | 4 | 12.5 |
| Post-Graduate | 1 | 3.1 |

| Income A\$ | n | % |
|---------------|----|------|
| 0-10,00 | 10 | 31.3 |
| 10,001-20,000 | 4 | 12.5 |
| 20,001-30,000 | 8 | 25 |
| 30,001-40,000 | 4 | 12.5 |
| 40,001-50,000 | 2 | 6.3 |
| 50,001-60,000 | 1 | 3.1 |
| 60,001-70,000 | 3 | 9.4 |

**Graphic Characteristics of Co-morbid Respondents Attending Treatment
for Gambling Problems**

| Sex | n | % |
|--------|---|------|
| Male | 7 | 63.6 |
| Female | 4 | 36.4 |

| Language spoken | n | % |
|-----------------|----|-----|
| | 11 | 100 |
| | 0 | 0 |

| Marital status | n | % |
|----------------|---|------|
| Work | 5 | 45.1 |
| Work | 0 | 0 |
| ies | 0 | 0 |
| | 1 | 9.1 |
| | 0 | 0 |
| | 1 | 9.1 |
| red | 4 | 36.4 |
| | 0 | 0 |

| Marital status | n | % |
|----------------|---|------|
| | 3 | 27.3 |
| Divorced | 1 | 9.1 |
| | 3 | 27.3 |
| | 4 | 36.4 |

| Age | n | % |
|-------|---|------|
| 18-19 | 1 | 9.1 |
| 20-29 | 2 | 18.2 |
| 30-39 | 4 | 36.4 |
| 40-49 | 2 | 18.2 |
| 50-59 | 1 | 9.1 |
| 60-69 | 1 | 9.1 |

| Highest Education | n | % |
|--------------------|---|------|
| Primary school | 0 | 0 |
| School certificate | 3 | 27.3 |
| HSC | 3 | 27.3 |
| TAFE | 3 | 27.3 |
| Degree | 1 | 9.1 |
| Post-Graduate | 1 | 9.1 |

| Income A\$ | n | % |
|---------------|---|------|
| 0-10,00 | 4 | 36.4 |
| 10,001-20,000 | 0 | 0 |
| 20,001-30,000 | 1 | 9.1 |
| 30,001-40,000 | 2 | 18.2 |
| 40,001-50,000 | 1 | 9.1 |
| 50,001-60,000 | 2 | 18.2 |
| 60,001-70,000 | 1 | 9.1 |

Demographic Characteristics of Co-morbid Respondents Attending Treatment Services for Alcohol & Gambling Problems

| Sex | n | % |
|--------|----|------|
| Male | 13 | 86.7 |
| Female | 2 | 13.3 |

| Age | n | % |
|-------|---|------|
| 20-29 | 3 | 20 |
| 30-39 | 4 | 26.7 |
| 40-49 | 2 | 13.4 |
| 50-59 | 6 | 40 |

| Language spoken | n | % |
|-----------------|----|-----|
| English | 15 | 100 |
| NESB | 0 | 0 |

| Highest Education | n | % |
|--------------------|---|-----|
| Primary school | 1 | 6.7 |
| School certificate | 6 | 40 |
| HSC | 1 | 6.7 |
| TAFE | 6 | 40 |
| Degree | 0 | 0 |
| Post-Graduate | 1 | 6.7 |

| Work status | n | % |
|----------------|---|------|
| Full time work | 8 | 53.3 |
| Part time work | 0 | 0 |
| Home duties | 0 | 0 |
| Student | 0 | 0 |
| Retired | 0 | 0 |
| Pensioner | 4 | 26.7 |
| Unemployed | 3 | 20 |
| Other | 0 | 0 |

| Income A\$ | n | % |
|---------------|---|------|
| 0-10,00 | 3 | 20 |
| 10,001-20,000 | 2 | 13.3 |
| 20,001-30,000 | 1 | 6.7 |
| 30,001-40,000 | 2 | 13.3 |
| 40,001-50,000 | 5 | 33.3 |
| 50,001-60,000 | 2 | 13.3 |
| 60,001-70,000 | 0 | 0 |

| Marital status | n | % |
|--------------------|---|------|
| Married | 1 | 6.7 |
| Separated/Divorced | 6 | 40 |
| Defacto | 3 | 20 |
| Widowed | 1 | 6.7 |
| Single | 4 | 26.7 |

Demographic Characteristics of Co-morbid Respondents With Self-identified Alcohol Problems Not Attending Treatment Services

| Sex | n | % |
|--------|----|------|
| Male | 13 | 92.9 |
| Female | 1 | 7.1 |

| Language spoken | n | % |
|-----------------|----|-----|
| English | 14 | 100 |
| Other | 0 | 0 |

| Work status | n | % |
|----------------|---|------|
| Not working | 7 | 50 |
| Part-time work | 4 | 28.6 |
| Full-time work | 1 | 7.1 |
| Retired | 0 | 0 |
| Unemployed | 0 | 0 |
| Homeowner | 2 | 14.3 |
| Not employed | 0 | 0 |
| Other | 0 | 0 |

| Marital status | n | % |
|-----------------|---|------|
| Married | 3 | 21.4 |
| Single/Divorced | 5 | 35.7 |
| Widowed | 2 | 14.3 |
| Other | 4 | 28.6 |

| Age | n | % |
|-------|---|------|
| 18-29 | 0 | 0 |
| 30-39 | 9 | 64.3 |
| 40-49 | 5 | 35.7 |
| 50-59 | 0 | 0 |
| 60-69 | 0 | 0 |

| Highest Education | n | % |
|--------------------|---|------|
| Primary school | 1 | 7.1 |
| School certificate | 8 | 57.1 |
| HSC | 1 | 7.1 |
| TAFE | 3 | 21.4 |
| Degree | 0 | 0 |
| Post-Graduate | 1 | 7.1 |

| Income A\$ | n | % |
|---------------|---|------|
| 0-10,000 | 1 | 7.1 |
| 10,001-20,000 | 4 | 28.6 |
| 20,001-30,000 | 1 | 7.1 |
| 30,001-40,000 | 4 | 28.6 |
| 40,001-50,000 | 1 | 7.1 |
| 50,001-60,000 | 1 | 7.1 |
| 60,001-70,000 | 2 | 14.3 |

Demographic Characteristics of Co-morbid Respondents with Self-identified Gambling Problems Not Attending Treatment Services

| Sex | n | % |
|--------|----|------|
| Male | 12 | 85.7 |
| Female | 2 | 14.3 |

| Language spoken | n | % |
|-----------------|----|-----|
| English | 14 | 100 |
| NESB | 0 | 0 |

| Work status | n | % |
|----------------|---|------|
| Full time work | 7 | 50 |
| Part time work | 3 | 21.4 |
| Home duties | 0 | 0 |
| Student | 0 | 0 |
| Retired | 0 | 0 |
| Pensioner | 2 | 14.3 |
| Unemployed | 2 | 14.3 |
| Other | 0 | 0 |

| Marital status | n | % |
|--------------------|---|------|
| Married | 3 | 21.4 |
| Separated/Divorced | 2 | 14.3 |
| Defacto | 3 | 21.4 |
| Single | 6 | 42.9 |

| Age | n | % |
|-------|---|------|
| 20-29 | 3 | 21.4 |
| 30-39 | 5 | 35.7 |
| 40-49 | 5 | 35.7 |
| 50-59 | 1 | 7.1 |
| 60-69 | 0 | 0 |

| Highest Education | n | % |
|--------------------|---|------|
| Primary school | 1 | 7.1 |
| School certificate | 7 | 50 |
| HSC | 4 | 28.6 |
| TAFE | 2 | 14.3 |
| Degree | 0 | 0 |
| Post-Graduate | 0 | 0 |

| Income A\$ | n | % |
|---------------|---|------|
| 0-10,00 | 1 | 7.1 |
| 10,001-20,000 | 3 | 21.4 |
| 20,001-30,000 | 3 | 21.4 |
| 30,001-40,000 | 2 | 14.3 |
| 40,001-50,000 | 4 | 28.6 |
| 50,001-60,000 | 1 | 7.1 |
| 60,001-70,000 | 0 | 0 |

Demographic EGM's

| Sex |
|--------|
| Male |
| Female |

| Language spoken |
|-----------------|
| English |
| Other |

| Income A\$ |
|---------------|
| 0-10,00 |
| 10,001-20,000 |
| 20,001-30,000 |
| 30,001-40,000 |
| 40,001-50,000 |
| 50,001-60,000 |
| 60,001-70,000 |
| 70,001 |

*graphic Characteristics of Co-morbid Respondents That Regularly Play
's*

| Sex | n | % |
|--------|----|------|
| Male | 16 | 51.6 |
| Female | 15 | 48.4 |

| Language spoken | n | % |
|-----------------|----|------|
| | 18 | 58.1 |
| | 13 | 41.9 |

| Income A\$ | n | % |
|------------|---|------|
| <10,00 | 5 | 16.1 |
| 101-20,000 | 8 | 25.8 |
| 201-30,000 | 5 | 16.1 |
| 301-40,000 | 3 | 9.7 |
| 401-50,000 | 1 | 3.2 |
| 501-60,000 | 4 | 12.9 |
| 601-70,000 | 3 | 9.7 |
| 70,001+ | 2 | 6.4 |

| Age | n | % |
|-------|----|------|
| 18-19 | 2 | 6.5 |
| 20-29 | 13 | 41.9 |
| 30-39 | 4 | 12.9 |
| 40-49 | 4 | 12.9 |
| 50-59 | 4 | 12.9 |
| 60-69 | 1 | 3.2 |
| 70+ | 1 | 3.2 |

| Highest Education | n | % |
|--------------------|----|------|
| Primary school | 0 | 0 |
| School certificate | 11 | 35.5 |
| HSC | 8 | 25.8 |
| TAFE | 5 | 16.1 |
| Degree | 6 | 19.4 |

Forms of Gambling Played Once a Week or More by Co-morbid Respondents

Treatment services (Gambling patterns prior to treatment)

| Treatment Service | n | EGM | Bet on horses/ greyhounds | Lottery tickets Scratchies etc | Lotto, Powerball OZ Lotto, Lotteries | Table games at the casino | Keno | Bingo | Sport betting e.g. football | Internet | Gambling Privately for money | Other forms of gambling | Stock market Commodities |
|-------------------|----|------|---------------------------|--------------------------------|--------------------------------------|---------------------------|------|-------|-----------------------------|----------|------------------------------|-------------------------|--------------------------|
| Alcohol | 32 | 40.6 | 28.1 | 34.4 | 34.4 | 3.1 | 12.5 | 0 | 9.4 | 0 | 12.5 | 9.4 | 3.1 |
| Gambling | 11 | 81.8 | 9.1 | 18.2 | 18.2 | 0 | 18.2 | 0 | 0 | 9.1 | 9.1 | 9.1 | 0 |
| A & G | 15 | 86.7 | 26.7 | 40 | 46.7 | 6.7 | 33.3 | 0 | 13.3 | 0 | 6.7 | 13.3 | 0 |

Note. Participants could select as many gambling options applicable to their individual gambling patterns

Phone-in (Gambling patterns during the last 12 months)

| Treatment Service | n | EGM | Bet on horses/ greyhounds | Lottery tickets Scratchies etc | Lotto, Powerball OZ Lotto, Lotteries | Table games at the casino | Keno | Bingo | Sport betting e.g. football | Internet | Gambling Privately for money | Other forms of gambling | Stock market Commodities |
|-------------------|----|------|---------------------------|--------------------------------|--------------------------------------|---------------------------|------|-------|-----------------------------|----------|------------------------------|-------------------------|--------------------------|
| Alcohol | 14 | 42.9 | 64.3 | 28.6 | 42.9 | 0 | 28.6 | 0 | 0 | 0 | 0 | 7.1 | 0 |
| Gambling | 14 | 57 | 71.4 | 21.4 | 42.9 | 14.3 | 28.6 | 0 | 14.3 | 0 | 7.1 | 0 | 0 |

Note. Participants could select as many gambling options applicable to their individual gambling patterns

Regular EGM Players (Gambling patterns during the last month)

| Regular EGM players | n | EGM | Bet on horses/ greyhounds | Lottery tickets Scratchies etc | Lotto, Powerball OZ Lotto, Lotteries | Table games at the casino | Bingo |
|---------------------|----|-----|---------------------------|--------------------------------|--------------------------------------|---------------------------|-------|
| Gambling | 31 | 85 | 48.4 | 58 | 58 | 22.5 | 19 |

Note. Participants could select as many gambling options applicable to their individual gambling patterns

Co-morbid Respondents Attending Treatment Services: Family members and social contacts with alcohol and/or gambling problems

Co-morbid respondents receiving treatment for alcohol problems: Family members and social contacts with alcohol and/or gambling problems

| Treatment service | % Father | % Mother | % Brother/sister | % Spouse | % Children | % Grandparent | % Other relative | % Close friend |
|-------------------|-------------|-----------|------------------|------------|------------|---------------|------------------|----------------|
| Alcohol | (n=12) 37.5 | (n=2) 6.3 | (n=10) 31.3 | (n=2) 6.3 | (n=5) 15.6 | (n=4) 12.5 | (n=7) 21.9 | (n=6) 18.8 |
| Gambling | (n=2) 6.3 | (n=3) 9.4 | (n=3) 9.4 | (n=2) 6.3 | 0 | (n=1) 3.1 | (n=1) 3.1 | (n=2) 6.3 |
| A & G | (n=8) 25 | (n=3) 9.4 | (n=6) 18.8 | (n=4) 12.5 | (n=1) 3.1 | (n=5) 15.6 | (n=7) 21.9 | (n=8) 25 |

Note. Participants could select as many options as applicable to them

Co-morbid respondents receiving treatment for gambling problems: Family members and social contacts with alcohol and/or gambling problems

| Treatment Service | % Father | % Mother | % Brother/sister | % Spouse | % Children | % Grandparent | % Other relative | % Close friend |
|-------------------|------------|------------|------------------|-----------|------------|---------------|------------------|----------------|
| Alcohol | (n=3) 27.3 | (n=2) 18.2 | (n=3) 27.3 | (n=1) 9.1 | (n=1) 9.1 | (n=1) 9.1 | | (n=1) 9.1 |
| Gambling | (n=1) 9.1 | | | (n=1) 9.1 | (n=1) 9.1 | (n=1) 9.1 | | (n=2) 18.2 |
| A & G | (n=1) 9.1 | (n=1) 9.1 | (n=2) 18.2 | (n=1) 9.1 | | | (n=2) 18.2 | (n=3) 27.3 |

Note. Participants could select as many options as applicable to them

Co-morbid respondents receiving treatment for alcohol and gambling problems: Family members and social contacts with alcohol and/or gambling problems

| Treatment Service | % Father | % Mother | % Brother/sister | % Spouse | % Children | % Grandparent | % Other relative | % Close friend |
|-------------------|------------|------------|------------------|------------|------------|---------------|------------------|----------------|
| Alcohol | (n=5) 33.3 | (n=4) 26.7 | (n=5) 33.3 | (n=3) 20 | | (n=3) 20 | (n=1) 6.7 | (n=5) 33.3 |
| Gambling | (n=2) 13.3 | | | | | (n=1) 6.7 | | |
| A & G | (n=4) 26.7 | (n=1) 6.7 | (n=2) 13.3 | (n=2) 13.3 | (n=1) 6.7 | (n=2) 13.3 | (n=3) 20 | (n=6) 40 |

Note. Participants could select as many options as applicable to them

Co-morbid Respondents Not Receiving Treatment: Family members and social contacts with alcohol and/or gambling problems

Co-morbid respondents with self recognised alcohol problems not receiving treatment : Family members and social contacts with alcohol and/or gambling problems

| Treatment Service | % Father | % Mother | % Brother/sister | % Spouse | % Children | % Grandparent | % Other relative | % Close friend |
|-------------------|------------|----------|------------------|------------|------------|---------------|------------------|----------------|
| Alcohol | (n=2) 14.3 | | (n=2) 14.3 | | | (n=3) 21.4 | (n=1) 7.1 | (n=6) 42.9 |
| Gambling | (n=2) 14.3 | | (n=2) 14.3 | | | | | |
| A & G | (n=4) 28.6 | | (n=2) 14.3 | (n=3) 21.4 | | (n=3) 21.4 | (n=2) 28.6 | (n=4) 28.6 |

Note. Participants could select as many options as applicable to them

Co-morbid respondents with self recognised gambling problems not receiving treatment : Family members and social contacts with alcohol and/or gambling problems

| Treatment Service | % Father | % Mother | % Brother/sister | % Spouse | % Children | % Grandparent | % Other relative | % Close friend |
|-------------------|------------|-----------|------------------|------------|------------|---------------|------------------|----------------|
| Alcohol | (n=2) 14.3 | (n=1) 7.1 | | | | (n=1) 7.1 | (n=3) 21.4 | (n=1) 7.1 |
| Gambling | (n=1) 7.1 | | (n=5) 35.7 | (n=2) 14.3 | (n=1) 7.1 | (n=2) 14.3 | (n=2) 14.3 | (n=3) 21.4 |
| A & G | (n=3) 21.4 | | | | | | | (n=5) 35.7 |

Note. Participants could select as many options as applicable to them

*ling Patterns of Co-morbid Respondents Attending Treatment Services**rbid Respondents Gambling Patterns*

| Sample | Sample Statistic | Average number of gambling sessions ^a | Average session duration ^b | Largest amount of money lost in one day ^c |
|------------|------------------|--|---------------------------------------|--|
| Total | n | 32 | 32 | 32 |
| | Mean | 3.28 | 2.91 | 3.78 |
| | SD | 1.02 | 0.85 | 0.91 |
| | Range | 2-5 | 1-4 | 2-6 |
| Inpatient | n | 11 | 11 | 11 |
| | Mean | 4.09 | 3.73 | 3.91 |
| | SD | 0.94 | 0.46 | 0.94 |
| | Range | 3-5 | 3-4 | 2-5 |
| Outpatient | n | 15 | 15 | 15 |
| | Mean | 4.13 | 3.73 | 4.4 |
| | SD | 0.64 | 0.46 | 0.63 |
| | Range | 3-5 | 3-4 | 4-6 |

d scores range from 1-5 and refer to: 1= never, 2= monthly or less, 3= 2 to 4 times a month, 4= 2 times a week, and 5= 4 or more times a week.

s range from 1-4 and refer to: 1= never, 2= less than 1 hour, 3= between 1 and 2 hours, and 4= 3 or more.

d scores range from 0-6 and refer to: 0= never gamble, 1= \$1 or less, 2= \$1 to \$10, 3= \$10 to \$100, 4= \$100 to \$1000, 5= \$1000 to \$10,000, and 6= more than \$10,000

Gambling Patterns of Co-morbid Respondents Not Attending Treatment Services**Co-morbid Respondents Gambling Patterns**

| Sample | Sample Statistic | Average of gambling sessions ^a | Average session duration ^b | Largest amount of money lost in one day ^c |
|----------|------------------|---|---------------------------------------|--|
| Alcohol | n | 14 | 14 | 14 |
| | Mean | 3.07 | 2.57 | 3.21 |
| | SD | 0.99 | 0.51 | 0.66 |
| | Range | 2-5 | 3-4 | 3-5 |
| Gambling | n | 14 | 14 | 14 |
| | Mean | 4.57 | 3.79 | 4.71 |
| | SD | 0.65 | 0.43 | 0.73 |
| | Range | 3-5 | 3-4 | 4-6 |

Note.

^a Scaled scores range from 1-5 and refer to: 1= never, 2= monthly or less, 3= 2 to 4 times a month, 4= 2 to 3 times a week, and 5= 4 or more times a week.

^b Scores range from 1-4 and refer to: 1= never, 2= less than 1 hour, 3= between 1 and 2 hours, and 4= 3 hours or more.

^c Scaled scores range from 0-6 and refer to: 0= never gamble, 1= \$1 or less, 2= \$1 to \$10, 3= \$10 to \$100, 4= \$100 to \$1000, 5= \$1000 to \$10,000, and 6= more than \$10,000

Gamb

| |
|---------|
| Regula |
| EGM |
| players |
| Gamb |

Note.
^a Scale
to 3 times
^b Score
hours c
^c Scale
\$100, 4

Gambling Patterns of Co-morbid Respondents that Regularly Gamble on EGM's

| Regular M years | Sample statistic | Average no of gambling Sessions ^a | Average session duration ^b | Largest amount lost in one day ^c |
|-----------------------|---------------------|--|---|---|
| gambling | n | 31 | 31 | 31 |
| | Mean | 3.25 | 3.16 | 4.27 |
| | SD | 1.45 | 2.52 | 3.47 |
| | Range | 3-5 | 2-4 | 2-6 |

^a Scaled scores range from 1-5 and refer to: 1= never, 2= monthly or less, 3= 2 to 4 times a month, 4= 2 to 4 times a week, and 5= 4 or more times a week.

^b Scaled scores range from 1-4 and refer to: 1= never, 2= less than 1 hour, 3= between 1 and 2 hours, and 4= 3 hours or more.

^c Scaled scores range from 0-6 and refer to: 0= never gamble, 1= \$1 or less, 2= \$1 to \$10, 3= \$10 to \$100, 4= \$100 to \$1000, 5= \$1000 to \$10,000, and 6= more than \$10,000

Study 1. Participating Treatment Services

| Treatment Service | Type of Service | Location |
|--|--------------------------|-------------------|
| City Care Newcastle Inc. | Drug & Alcohol | Newcastle, NSW |
| Lorna House | Drug, Alcohol & Gambling | Newcastle, NSW |
| Kirkwood House | Drug, Alcohol & Gambling | Newcastle, NSW |
| Alcoholics Anonymous | Alcohol | Rosebery, NSW |
| Manly Drug Education & Counselling Centre (MDEC) | Drug & Alcohol | Manly, NSW |
| Jarraah House | Drug & Alcohol | Malabar, NSW |
| Blacktown Alcohol & Other Drugs Family Service (BADFS) | Drug, Alcohol & Gambling | Blacktown, NSW |
| Mid Western Area Health Service | Drug & Alcohol | Parkes, NSW |
| The Lyndon Community | Drug, Alcohol & Gambling | Lyndon, NSW |
| South Pacific Private Hospital | Drug, Alcohol & Gambling | Harbord, NSW |
| Hornsby Hospital | Drug, Alcohol & Gambling | Hornsby, NSW |
| Ryde Hospital | Drug, Alcohol & Gambling | Ryde, NSW |
| St Edmonds Private Hospital | Drug, Alcohol & Gambling | Eastwood, NSW |
| Maryfields Day Recovery Centre | Drug, Alcohol & Gambling | Campbelltown, NSW |
| Christian Community Aid Services | Gambling | Crows Nest, NSW |
| Gamblers Anonymous | Gambling | Sydenham, NSW |
| Wesley Gambling Counselling Service | Gambling | Chippendale, NSW |
| Mission Australian Wollongong Credit Worthy | Gambling | Wollongong, NSW |

Ethics Approval Number:.....

Problem Drinking / Problem Gambling: A study of co-morbid individuals in NSW.

Transcript of message bank information

The information in brackets below refers to the second advert in the Sunday Telegraph for problem gamblers.

First answer machine message received by participants:

"Hello, you have reached the University of Western Sydney's Alcohol and Gambling project. We would like to ask you several questions relating to your alcohol consumption and possible gambling patterns (or relating to gambling patterns and possible alcohol consumption), and this will take approximately 30 minutes. A gift voucher for \$20.00 will be mailed to you as reimbursement for your time on completion of the questionnaire.

The information you provide will be treated strictly confidential. If you choose to complete the questionnaire, this will be taken as your consent to be part of the study. The information you provide will be done so anonymously. This means that your name or any other identifying information will not be used as part of the end report. Once the gift voucher is sent to you, there will be no record kept of your mailing details.

If you decide to participate, you are free to withdraw your consent and to discontinue participation at any time.

If you are 18 years or over, and your drinking (or gambling) has become a problem in the last 12 months and you have not gone for treatment, stay on the line and a researcher will be with you as soon as possible."

Second participant message while on hold (if all three telephone lines are busy):

"Thank you for calling the Alcohol & Gambling Project at the University of Western Sydney. All researchers are taking calls right now, but your call is important to us and someone will be with you as soon as possible. If you are unable to wait please find the following phone numbers for alcohol and gambling 24 hour help services in N.S.W. For gambling: Please call G-Line on 1800 633 635. For Alcohol: Please call Alcohol and Other Drug Information Services on 8383 2111."