

ALCOHOL CONSUMPTION AND BLOOD PRESSURE IN  
YOUNG AUSTRALIAN MALES, ADELAIDE 1977 - 1978

User's Guide for the Machine-Readable  
Data File

(SSDA Study No. 124)

# Social Science Data Archives



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ALCOHOL CONSUMPTION AND BLOOD PRESSURE IN  
YOUNG AUSTRALIAN MALES, ADELAIDE 1977 - 1978

User's Guide for the Machine-Readable  
Data File

(SSDA Study No. 124)

Principal Investigator  
Katrine Baghurst  
Terence Dwyer  
Anthony McMichael  
C.S.I.R.O. Division of Human Nutrition

User's Guide Prepared by  
Social Science Data Archives  
October 1982

Distributed by  
Social Science Data Archives  
The Australian National University  
P.O. Box 4, Canberra, A.C.T. 2600

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(Printed user's guide only)

Alcohol consumption and blood pressure in young Australian males, Adelaide 1977-1978 : user's guide for the , machine-readable data file.

Principal investigators : Katrine Baghurst, Terence Dwyer, Anthony McMichael.  
ISBN 0 86784 270 9.

1. Information storage and retrieval systems - Blood pressure.
2. Information storage and retrieval systems - Alcohol and youth - Australia.
3. Blood pressure - Data processing.
4. Youth - Australia - Alcohol use - Data processing.
5. Alcohol and youth - Australia - Data processing. I. Baghurst, Katrine. II. Dwyer, Terence. III. McMichael, Anthony. IV. Australian National University. Social Science Data Archives. (Series : SSDA study; no. 124).

025°.0661214

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BIBLIOGRAPHIC REFERENCE  
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All manuscripts using this data file should contain the following citation:

Baghurst, Katrine et al. Alcohol consumption and blood pressure in young Australian males, Adelaide 1977 - 1978 [machine-readable data file]. Adelaide: Katrine Baghurst, Terence Dwyer and Anthony McMichael, C.S.I.R.O. Division of Human Nutrition [producer], 1978. Canberra: Social Science Data Archives, The Australian National University [distributor], 1982. 1 data file (563 logical records) and accompanying user's guide.

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SSDA Study Series (User's guide only)

ISSN 0728-9766  
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SOCIAL SCIENCE DATA ARCHIVES

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(Machine-readable data file plus user's guide)

alcohol consumption and blood pressure in young Australian males, Adelaide 1977 - 1978 [machine-readable data file]. / Principal investigator, Katrine Baghurst, Terence Dwyer and Anthony McMichael. -- Adelaide : Katrine Baghurst, Terence Dwyer and Anthony McMichael, C.S.I.R.O. Division of Human Nutrition [producer], 1978. Canberra : Social Science Data Archives, The Australian National University [distributor], 1982.

1 data file (563 logical records) + accompanying user's guide.

Title taken from original documentation.

Summary: Information concerning dietary intake, cigarette and alcohol consumption and health was obtained from new male service recruits in order to test the relationships between diet, lifestyle, blood pressure and cholesterol. Data were collected on frequency of consumption of various foods, usual intake of alcohol including setting and type, smoking habits and dietary knowledge. The data file provided by the depositor contains smoking and alcohol consumption details and a measure of systolic and diastolic blood pressure. Background variables include age, education, country of birth, height and weight.

I. Baghurst, Katrine. II. Dwyer, Terence. III. McMichael, Anthony. IV. Commonwealth Scientific and Industrial Research Organisation (Australia). Division of Human Nutrition. V. Australian National University. Social Science Data Archives. (Series: SSDA study; no. 124).

#### ACKNOWLEDGEMENT OF ASSISTANCE

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- (i) identify the data and original investigators by including the bibliographic reference for the data file given on the reverse of the title page;
- (ii) acknowledge the Social Science Data Archives and, where the data are made available through the Social Science Data Archives by another archive, acknowledge that archive;
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# Study Description



The Australian National University  
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SOCIAL SCIENCE DATA ARCHIVES  
THE AUSTRALIAN NATIONAL UNIVERSITY

Study No.  
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SSDA 124

ALCOHOL CONSUMPTION AND BLOOD PRESSURE  
=====

IN YOUNG AUSTRALIAN MALES, ADELAIDE 1977 - 1978  
=====

STUDY DESCRIPTION  
=====

IDENTIFICATIONS AND ACKNOWLEDGEMENTS  
-----

TITLE OF STUDY  
-----

Alcohol consumption and blood pressure in young Australian  
males, Adelaide 1977 - 1978

LOCAL ARCHIVE WHERE STUDY IS STORED  
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The Australian National University  
P.O. Box 4  
Canberra, A.C.T. 2600

number of study (dataset): SSDA 124

DEPOSITOR  
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Jillian Hartshorne  
C.S.I.R.O. Division of Human Nutrition  
Kintore Avenue  
Adelaide, S.A. 5000

DATE OF DEPOSIT  
-----

20 October 1982

PRINCIPAL INVESTIGATOR  
-----

Baghurst, Katrine  
Dwyer, Terence  
McMichael, Anthony  
C.S.I.R.O. Division of Human Nutrition



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ANALYSIS CONDITIONS  
-----

RESEARCH TOPIC (ABSTRACT)  
-----

Information concerning dietary intake, cigarette and alcohol consumption and health was obtained from new male service recruits in order to test the relationships between diet, lifestyle, blood pressure and cholesterol.

Data were collected on frequency of consumption of various foods, usual intake of alcohol including setting and type, smoking habits and dietary knowledge. The data file provided by the depositor contains smoking and alcohol consumption details and a measure of systolic and diastolic blood pressure. Background variables include age, education, country of birth, height and weight.

KIND OF DATA  
-----

survey  
clinical data

TIME DIMENSIONS  
-----

cross-sectional (one-time) study

DEFINITION OF TOTAL UNIVERSE (UNIVERSE SAMPLED)  
-----

incoming non-officer service recruits of the Royal Australian Air Force base, Adelaide

SAMPLING PROCEDURES  
-----

no sampling (total universe)

All incoming recruits were surveyed. A period of three hours was set aside during the initial training week for this purpose.

NUMBER OF UNITS (CASES)  
-----

number of cases (unweighted): 563

DATES OF DATA COLLECTION  
-----

first date of data collection: 12 August 1977  
last date of data collection: 16 March 1978

METHOD OF DATA COLLECTION  
-----

clinical test  
self-completion (group setting)

-----  
ACTIONS TO MINIMISE LOSSES  
-----

The data were collected during the basic service training course attended by all recruits.

-----  
DIMENSIONS OF DATA SET  
-----

number of cases: 563  
number of variables per case: 50  
number of cards per case: 1

-----  
ACCESSIBILITY  
-----

A copy of the User Undertaking Form must be signed before data may be accessed.

-----  
REFERENCES TO RELEVANT PUBLICATIONS/RESULTS/STUDIES  
-----

-----  
PUBLICATIONS/REPORTS BY THE PRIMARY INVESTIGATOR  
-----

Baghurst, K.I. and Dwyer, T. Alcohol consumption and blood pressure in a group of young Australian males. *Journal of Human Nutrition*, 1981, 35: 257-264.

Dwyer, T., Calvert, G.D., Baghurst, K. and Leitch, D.R. Diet, other lifestyle factors and HDL cholesterol in a population of Australian male service recruits. *American Journal of Epidemiology*, 1981, 114(5): 683-696.

-----  
RESULTS OF ANALYSES (SCALES, INDICES, ETC.)  
-----

Baghurst, K.I. and McMichael, A.J. Evaluation of questionnaire methods of measurement of alcohol consumption in young Australians. *Community Health Studies*, 1978, 2(3): 135-139.

-----  
DESCRIPTORS  
-----

Alcohol consumption  
Diet  
Health  
Nutrition  
Smoking

# Questionnaire



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Do you smoke now?

YES NO  
1 2

6

Have you ever smoked?

YES NO  
1 2

(SAY "NO" IF YOU NEVER IN YOUR LIFE SMOKED MORE THAN ONE CIGARETTE A DAY (OR 1 OZ. OF TOBACCO A MONTH) FOR AS LONG AS A YEAR.)

IF YOUR ANSWER TO EITHER OF THESE QUESTIONS IS "YES", what was your age when you started smoking? .....

8-

If you have given up smoking, for how many years did you smoke? .....

10-

PLEASE RECORD YOUR PRESENT OR PAST TOBACCO USE HERE.

Cigarettes per day (average including weekends)

Ounces of tobacco per week (hand rolled cigarettes)

Ounces of tobacco per week (pipe smokers)

Large cigars per week

Small cigars per week

AMOUNT SMOKED		
Now	Before stopping	
<input type="text"/>	<input type="text"/>	12-1
<input type="text"/>	<input type="text"/>	16-1
<input type="text"/>	<input type="text"/>	20-2
<input type="text"/>	<input type="text"/>	24-2
<input type="text"/>	<input type="text"/>	28-3

3

1 1 1 1 1 1 1 1 1 1

2 - 8

YES NO  
1 2  
1 2

9  
10

you ever drunk alcohol?.....  
you drink alcohol now?.....  
your answer to either of these questions is "yes",  
at what age did you start drinking ? .....  
you drink alcohol now, please record last week's  
drink's in the table below.

1 1 1 1 1 1 1 1 1 1

11 - 12

	AMOUNT e.g. 3 glasses	TYPE e.g. beer, wine, spirit	PLACE e.g. hotel home etc.	WERE YOU DRINKING IN COMPANY ?				
					13			
					17			
					21			
DAY					25			
					29			
Y					33			
					37			

# Coding Frame



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# Coding Frame



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Question No.	Variable Name	Value	Description
General	Conventions	0 99 999	Missing values not supplied not applicable
	AGE		
18	SMOKE1		Age started smoking
20	SMOKE2		Cigarettes per day now
"	SMOKE3		Cigarettes per day before stopping
"	SMOKE4		Ozs of cigarette tobacco per week now
"	SMOKE5		Ozs of cigarette tobacco/week before stopping
"	SMOKE6		Ozs pipe tobacco per week now
"	SMOKE7		Ozs pipe tobacco per week before stopping
"	SMOKE8	98	Large cigars per week now Not applicable
"	SMOKE9	98	Large cigars per week before stopping Not applicable
"	SMOKE10		Small cigars per week now
"	SMOKE11		Small cigars per week before stopping
	EDUCTN	1 2 3	Education - school certificates Nothing Junior or Trade Certificate Senior or higher
	ORIGIN		Country of birth See Note 1

Question No.	Variable Name	Value	Description
	SYSBP		Systolic blood pressure
	DIASBP		Diastolic blood pressure
	HEIGHT		Height in inches
	WEIGHTST		Weight in stones
	WEIGHTLB		Weight in pounds
3	DRINK1	88 99	Age started drinking Not applicable Unknown
4	DRINK2 DRINK6 DRINK10 DRINK14 DRINK18 DRINK22 DRINK26	1 . . . 9 A B C . . . Z	Number of glasses consumed each day (Monday to Sunday) One  Nine Ten Eleven Twelve  Thirty-five
4	DRINK3 DRINK7 DRINK11 DRINK15 DRINK19 DRINK23 DRINK27	0 1 2 3 4 5	Type of drink consumed each day (Monday to Sunday) None Beer Wine Spirits Port Mixed

Question No.	Variable Name	Value	Description
4	DRINK4	0	Place of drinking for each day (Monday to Sunday) No drink Hotel Home Party Visiting Mixture Club Restaurant/disco Travelling
	DRINK8	1	
	DRINK12	2	
	DRINK16	3	
	DRINK20	4	
	DRINK24	5	
	DRINK28	6	
		7	
		8	
4	DRINK5	1	Company on each drinking occasion
	DRINK9	2	
	DRINK13		
	DRINK17		
	DRINK21		
	DRINK25		
DRINK29			
			Yes
			No

NOTE 1

Country of birth

00	Australia
16	New Zealand
17	England
19	Scotland
22	Ireland
23	Malta
24	Other Commonwealth Countries in Europe (Channel Islands)
26	Austria
27	Belgium
33	France
34	Germany
35	Greece
40	Netherlands
42	Poland
45	Spain
51	Yugoslavia
56	India
57	Malaysia
58	Pakistan
59	Singapore
65	Indonesia
67	Japan
71	Turkey
75	Commonwealth Countries in Africa
76	Egypt
85	American countries outside Canada and the U.S.A.
86	Fiji

# Data List



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According to your INPUT FORMAT, variables are to be read as follows:

Variable	Record	Columns	Print Format
A	1	1 - 1	(A)
ID	1	2 - 7	(0)
AGE	1	8 - 9	(0)
SMOKE1	1	10 - 11	(0)
SMOKE2	1	12 - 13	(0)
SMOKE3	1	14 - 15	(0)
SMOKE4	1	16 - 17	(0)
SMOKE5	1	18 - 19	(0)
SMOKE6	1	20 - 21	(0)
SMOKE7	1	22 - 23	(0)
SMOKE8	1	24 - 25	(0)
SMOKE9	1	26 - 27	(0)
SMOKE10	1	28 - 29	(0)
SMOKE11	1	30 - 31	(0)
EDUCTN	1	32 - 32	(0)
ORIGIN	1	33 - 34	(0)
SYSBP	1	35 - 37	(0)
DIASBP	1	38 - 40	(0)
HEIGHT	1	41 - 44	(2)
WEIGHTST	1	45 - 46	(0)
WEIGHTLB	1	47 - 48	(0)
DRINK1	1	49 - 50	(0)
DRINK2	1	51 - 51	(A)
DRINK3	1	52 - 52	(0)
DRINK4	1	53 - 53	(0)
DRINK5	1	54 - 54	(0)
DRINK6	1	55 - 55	(A)
DRINK7	1	56 - 56	(0)
DRINK8	1	57 - 57	(0)
DRINK9	1	58 - 58	(0)
DRINK10	1	59 - 59	(A)
DRINK11	1	60 - 60	(0)
DRINK12	1	61 - 61	(0)
DRINK13	1	62 - 62	(0)
DRINK14	1	63 - 63	(A)
DRINK15	1	64 - 64	(0)
DRINK16	1	65 - 65	(0)
DRINK17	1	66 - 66	(0)
DRINK18	1	67 - 67	(A)
DRINK19	1	68 - 68	(0)
DRINK20	1	69 - 69	(0)
DRINK21	1	70 - 70	(0)
DRINK22	1	71 - 71	(A)
DRINK23	1	72 - 72	(0)
DRINK24	1	73 - 73	(0)
DRINK25	1	74 - 74	(0)
DRINK26	1	75 - 75	(A)
DRINK27	1	76 - 76	(0)
DRINK28	1	77 - 77	(0)
DRINK29	1	78 - 78	(0)

The INPUT FORMAT provides for 50 variables and 1 record(s) per case.

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