NATIONAL CHILD DEVELOPMENT STUDY - STAGE 5, 1991

NCDS5: Derived Variables 1

Kate Smith

(Centre for Longitudinal Studies, Institute of Education, University of London)

Please note
This document includes a number of addresses and telephone numbers which are now out of date. Until these can be updated, all queries should in the first instance be addressed to: cohort@cls.ioe.ac.uk

NATIONAL CHILD DEVELOPMENT STUDY - STAGE 5, 1991

NCDS5: Derived Variables 1

Kate Smith (CLS)

Introduction

The following documentation gives details of selected derived variables that have been developed by researchers during work analysing data from NCDS5. This is part of a programme of work to make available to the wider research community revised data from the 5th sweep of NCDS.

Provided is a comprehensive description of each variable including the name of the original author, details of source variables, the SPSS code to create the variable and distributions or statistics for the outcome variables where appropriate.

As this work is part of a ongoing programme it should be stressed that the derived variables included are in no way final or comprehensive. It is anticipated that further updates will be provided in the future.

Applying derived variable code to longitudinal data - a note of caution

It is important to note that the code for the derived variables presented below was, in the main, developed for datasets which contained only respondents to NCDS5. This is reflected in the treatment of missing, negative, and other values which makes no allowance for cases which do not have NCDS5 data. Users are advised to modify the code when applying it to longitudinal NCDS datasets which contain cases not included in NCDS5.

This may be achieved by inserting the code for derived variables in a "DO IF..." loop, as follows:

```
do if (n500124 eq 1 or n500124 eq 2)
[DERIVED VARIABLES CODE]
end if
```

Note: N500124 is the NCDS5 response variable.

Other solutions are possible.

Contents:

The enclosed derived variables cover the following areas:

NCDS5 Attitude Scales - Derived Variables

Author: Richard Wiggins (SSRU)

All Queries should be addresssd to :

NCDS User Support Group
Social Statistics Research unit
City University
Northampton Square
London EC1V OBN

Tel: 0171 477 8484
FAX: 0171 477 8583
email: ncds@ssru.city.ac.uk

General Description:

These variables create 10 summary scales from attitude items that were collected in the 'What Do You Think' self completion instrument at NCDS5.

Variable names:

- LEFTIE - left-right beliefs
- EQUALITY - support for sex equality
- RACISM - anti-racism
- MORAL - support for authority
- MARITAL - support for traditional marital values
- FEMINIST - permessiveness about work and family
- CYNIC - political cynicism
- PROT - support for work ethic
- ENVIRON - environmentalism
- SINGLE - opposition to family

Variable descriptions:

These variables produce 10 summary scales combining responses to various attitude items in the NCDS5 'What Do You Think' attitude and values self-completion
instrument. The single items are correlated and tested for reliability.

Source variables:

Instrument	outcome variable	questions	source variables
What Do You Think	LEFTIE	p.1 A2	n509514
		p.2 A10	n509521
		p.6 C2	n509556
		p.7 C15	n509569
		p.11 F1	n509663
		p.12 F12	n509714
		p.1 A3	n509515
		p.2 A14	n509526
	EQUALITY	p.1 A3	n509515

	p.1	A8	n509520
	p.2	A14	n509526
	p.6	C1	n509555
	p.6	C7	n509561
	p.7	C19	n509573
	p.11	F4	n509666
RACISM	p.1	A6	n509518
	p.2	A17	n509529
	p.6	C4	n509558
	p.11	F10	n509672
	p.12	F16	n509718
MORAL	p.2	A15	n509527
	p.6	C6	n509560
	p.11	F6	n509668
	p.11	F8	n509670
	p.12	F14	n509716
	p.12	F18	n509720
MARITAL	p.6	C9	n509563
	p.7	C10	n509564
	p.7	C14	n509568
	p.7	C18	n509572
	p.11	F3	n509665
	p.12	F15	n509717
FEMINIST	p.1	A1	n509513
	p.1	A5	n509517
	p.2	A10	n509522
	p.2	A12	n509524
	p.2	A13	n509525
	p.2	A18	n509530
CYNIC	p.6	C9	n509562
	p.11	F5	n509667
	p.12	F13	n509715
PROT	p.6	C5	n509559
	p.7	C17	n509571
	p.11	F2	n509664
ENVIRON	p.2	A11	n509523
	p.2	A16	n509528
	p.11	C13	n509567
SINGLE	p.1	A7	n509519
	p.7	C12	n509566
	p.12	F17	n509719

Reliability variables:
---

p.1-2	A1-18	n509513-n509530
p.6-7	C1-19	n509555-n509573
p.11	F1-10	n509663-n509672
p.12	F11-18	n509713-n509720

SPSS code:

```
missing values n509530 (8) n509720 (6).

recode n509514 n509521 n509556 n509569 n509663 n509714 n509515 n509526
       n509555 n509561 n509530 n509518 n509529 n509558 n509718 n509527
       n509560 n509668 n509670 n509716 n509720 n509564 n509572 n509665
       n509717 n509513 n509517 n509562 n509667 n509715 n509559 n509713
       n509664 n509528 n509567 n509519 n509566 n509719
       (5=1)(4=2)(3=3)(2=4)(1=5).

val labels n509514 n509521 n509556 n509569 n509663 n509714 n509515 n509526
       n509555 n509561 n509530 n509518 n509529 n509558 n509718 n509527
       n509560 n509668 n509670 n509716 n509720 n509564 n509572 n509665
       n509717 n509513 n509517 n509562 n509667 n509715 n509559 n509713
       n509664 n509528 n509567 n509519 n509566 n509719
       1 'Strongly Disagree'
       2 'Disagree'
       3 'Uncertain'
       4 'Agree'
       5 'Strongly Agree'.


reliability variables = n509513 to n509530 n509555 to n509573
                        n509663 to n509672 n509713 to n509720
  /scale(leftie) = n509514 n509521 n509556 n509565 n509569 n509663 n509714
  /scale(equality) = n509515 n509520 n509526 n509555 n509561 n509573 n509666
  /scale(racism) = n509518 n509529 n509558 n509672 n509718
  /scale(moral) = n509527 n509560 n509668 n509670 n509716 n509720
  /scale(marital) = n509563 n509564 n509568 n509572 n509665 n509717
  /scale(feminist) = n509513 n509517 n509522 n509524 n509525 n509530
  /scale(cynic) = n509562 n509667 n509715
  /scale(prot) = n509559 n509571 n509664
  /scale(environ) = n509523 n509528 n509567
  /scale(single) = n509519 n509566 n509719
  /statistics = descriptives corr scale
  /summary = means variance corr total.

compute leftie=(n509514+n509521+n509556+n509565+n509569+n509663+n509714)/7.0.
compute equality=(n509515+n509520+n509526+n509555+n509561+n509573+n509713
                  +n509666)/8.0.
compute racism=(n509518+n509529+n509558+n509672+n509718)/5.0.
compute moral=(n509527+n509560+n509668+n509670+n509716+n509720)/6.0.
compute marital=(n509563+n509564+n509568+n509572+n509665+n509717)/6.0.
compute feminist=(n509513+n509517+n509522+n509524+n509525+n509530)/6.0.
compute cynic=(n509562+n509667+n509715)/3.0.
compute prot=(n509559+n509571+n509664)/3.0.
compute environ=(n509523+n509528+n509567)/3.0.
compute single=(n509519+n509566+n509719)/3.0.

var labels leftie 'left-right beliefs'/
           equality 'support for sex equality'/
           racism 'anti-racism'/
           moral 'support for authority'/
           marital 'support for traditional marital values'/
           feminist 'permessiveness about work and family'/
           cynic 'political cynicism'/
           prot 'support for work ethic'/
           environ 'environmentalism'/
           single 'opposition to family'.
```

Reliability Analyses:

R E L I A B I L I T Y A N A L Y S I S - S C A L E (L E F T I E)

1. N509514
2. N509521
3. N509556
4. N509565
5. N509569
6. N509663
7. N509714

		MEAN	STD DEV	CASES
1.	N509514	3.1259	1.0951	9516.0
2.	N509521	3.2956	1.1241	9516.0
3.	N509556	3.6165	.9795	9516.0
4.	N509565	4.0551	.9404	9516.0
5.	N509569	2.3417	.9470	9516.0
6.	N509663	3.5349	1.1004	9516.0
7.	N509714	3.3001	1.0909	9516.0

CORRELATION MATRIX

	N509514	N509521	N509556	N509565	N509569	N509663	N509714
N509514	1.0000						
N509521	.4896	1.0000					
N509556	.4825	.3793	1.0000				
N509565	.1205	.0247	.1800	1.0000			
N509569	.3362	.2393	.3527	.1483	1.0000		
N509663	.4498	.3998	.4844	.1428	.3065	1.0000	
N509714	.3702	.2729	.4842	.1853	.3680	.3850	1.0000

R E L I A B I L I T Y A N A L Y S I S - S C A L E (L E F T I E)

OF CASES = 9516.0

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	# OF VARIABLES
	23.2699	22.1426	4.7056	7

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.3243	2.3417	4.0551	1.7133	1.7316	.2783

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	1.0864	.8844	1.2636	.3792	1.4288	.0272

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.3144	.0247	.4896	.4649	19.8499	.0185

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509514	20.1440	15.7886	.5923	.3885	.7132
N509521	19.9743	16.6183	.4649	.2960	.7421
N509556	19.6533	16.2477	.6250	.4076	.7092
N509565	19.2148	19.6863	.1884	.0571	.7904
N509569	20.9281	17.7216	.4420	.2079	.7458
N509663	19.7350	15.9560	.5660	.3393	.7192
N509714	19.9697	16.2990	.5283	.3107	.7277

RELIABILITY COEFFICIENTS 7 ITEMS

ALPHA = .7660 STANDARDIZED ITEM ALPHA = .7625

R E L I A B I L I T Y A N A L Y S I S - S C A L E (E Q U A L I T Y)

1. N509515
2. N509520
3. N509526
4. N509555
5. N509561
6. N509573
7. N509666

		MEAN	STD DEV	CASES
1.	N509515	3.6844	.8888	9516.0
2.	N509520	3.1722	1.1411	9516.0
3.	N509526	4.4909	.5857	9516.0
4.	N509555	3.6421	1.0327	9516.0
5.	N509561	4.2727	.6890	9516.0
6.	N509573	3.8627	.8625	9516.0
7.	N509666	3.5278	1.0351	9516.0

CORRELATION MATRIX

	N509515	N509520	N509526	N509555	N509561	N509573	N509666
N509515	1.0000						
N509520	.2170	1.0000					
N509526	.3357	.1999	1.0000				
N509555	.3005	.2537	.1968	1.0000			
N509561	.2890	.2331	.3126	.4784	1.0000		
N509573	.3506	.2121	.2777	.1813	.2355	1.0000	
N509666	.2921	.3944	.2712	.2770	.2315	.2491	1.0000

OF CASES = 9516.0

OF

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	VARIABLES
	26.6528	14.8936	3.8592	7

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.8075	3.1722	4.4909	1.3186	1.4157	.2018

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.8274	.3431	1.3020	.9590	3.7953	.1182

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.2757	.1813	.4784	.2971	2.6390	.0050

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509515	22.9684	11.3332	.4629	.2459	.6704
N509520	23.4806	10.5704	.4072	.1964	.6903
N509526	22.1619	12.8340	.4090	.2007	.6905
N509555	23.0107	10.8436	.4387	.2824	.6771
N509561	22.3801	12.1551	.4712	.2967	.6751
N509573	22.7901	11.8667	.3842	.1796	.6895
N509666	23.1249	10.6567	.4684	.2408	.6685

RELIABILITY COEFFICIENTS 7 ITEMS

ALPHA = .7130 STANDARDIZED ITEM ALPHA = .7271

R E L I A B I L I T Y A N A L Y S I S - S C A L E (R A C I S M)

1. N509518
2. N509529
3. N509558
4. N509672
5. N509718

		MEAN	STD DEV	CASES
1.	N509518	3.9251	.8759	9516.0
2.	N509529	3.3017	1.0982	9516.0
3.	N509558	4.1272	.6970	9516.0
4.	N509672	3.9035	.8746	9516.0
5.	N509718	3.6570	.9093	9516.0

CORRELATION MATRIX

	N509518	N509529	N509558	N509672	N509718
N509518	1.0000				
N509529	.4108	1.0000			
N509558	.4634	.4486	1.0000		
N509672	.4495	.4692	.5846	1.0000	
N509718	.4560	.5635	.5398	.5616	1.0000

OF CASES = 9516.0

STATISTICS FOR	MEAN	VARIANCE	STD DEV	# OF VARIABLES
SCALE	18.9145	11.8249	3.4387	5

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.7829	3.3017	4.1272	.8255	1.2500	.1002

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.8101	.4858	1.2060	.7202	2.4826	.0665

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.4947	.4108	.5846	.1738	1.4230	.0035

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509518	14.9894	8.2867	.5495	.3078	.8050
N509529	15.6128	7.1153	.5980	.3748	.8003
N509558	14.7873	8.6898	.6447	.4387	.7864
N509672	15.0109	7.8643	.6515	.4529	.7763
N509718	15.2575	7.5692	.6854	.4760	.7655

RELIABILITY COEFFICIENTS 5 ITEMS

ALPHA = .8218 STANDARDIZED ITEM ALPHA = .8304

R E L I A B I L I T Y A N A L Y S I S - S C A L E (M O R A L)

1. N509527
2. N509560
3. N509668
4. N509670
5. N509716
6. N509720

		MEAN	STD DEV	CASES
1.	N509527	3.3294	1.0044	9516.0
2.	N509560	3.7020	1.2965	9516.0
3.	N509668	3.5319	1.0537	9516.0
4.	N509670	3.3092	.9917	9516.0
5.	N509716	3.6909	.9018	9516.0
6.	N509720	3.8325	.8703	9516.0

CORRELATION MATRIX

	N509527	N509560	N509668	N509670	N509716	N509720
N509527	1.0000					
N509560	.1058	1.0000				
N509668	.1766	.0804	1.0000			
N509670	.1626	.3238	.1683	1.0000		
N509716	.2048	.4282	.1846	.3456	1.0000	
N509720	.2449	.2923	.1834	.3736	.3477	1.0000

OF CASES = 9516.0

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	# OF VARIABLES
	21.3960	13.6870	3.6996	6

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.5660	3.3092	3.8325	.5233	1.1581	.0456

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	1.0590	.7574	1.6808	.9234	2.2191	.1098

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.2415	.0804	.4282	.3478	5.3285	.0105

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509527	18.0665	10.9060	.2672	.0919	.6373
N509560	17.6940	9.0179	.3838	.2303	.6022
N509668	17.8640	10.9444	.2341	.0708	.6511
N509670	18.0868	9.9323	.4433	.2222	.5741
N509716	17.7050	9.9867	.5065	.2786	.5565
N509720	17.5635	10.3149	.4677	.2332	.5718

RELIABILITY COEFFICIENTS 6 ITEMS

ALPHA = .6429 STANDARDIZED ITEM ALPHA = .6564

R E L I A B I L I T Y A N A L Y S I S - S C A L E (M A R I T A L)

1. N509563
2. N509564
3. N509568
4. N509572
5. N509665
6. N509717

		MEAN	STD DEV	CASES
1.	N509563	2.1025	1.0561	9516.0
2.	N509564	3.2554	1.0480	9516.0
3.	N509568	2.3855	.9852	9516.0
4.	N509572	2.4460	.8308	9516.0
5.	N509665	3.5814	1.1331	9516.0
6.	N509717	2.4672	.8944	9516.0

CORRELATION MATRIX

	N509563	N509564	N509568	N509572	N509665	N509717
N509563	1.0000					
N509564	.2109	1.0000				
N509568	.2528	.2476	1.0000			
N509572	.0920	.0895	.1371	1.0000		
N509665	.1865	.3431	.2681	.2152	1.0000	
N509717	.2146	.3064	.2728	.2108	.3529	1.0000

OF CASES = 9516.0

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	# OF VARIABLES
	16.2379	12.7581	3.5718	6

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	2.7063	2.1025	3.5814	1.4790	1.7035	.3320

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.9930	.6902	1.2839	.5937	1.8601	.0480

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.2267	.0895	.3529	.2634	3.9441	.0061

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509563	14.1355	9.6364	.3060	.1043	.6218
N509564	12.9826	9.1368	.3982	.1825	.5851
N509568	13.8525	9.4462	.3866	.1536	.5900
N509572	13.7919	10.8078	.2307	.0711	.6407
N509665	12.6565	8.4942	.4512	.2225	.5621
N509717	13.7707	9.4692	.4522	.2100	.5691

RELIABILITY COEFFICIENTS 6 ITEMS

ALPHA = .6396 STANDARDIZED ITEM ALPHA = .6375

R E L I A B I L I T Y A N A L Y S I S - S C A L E (F E M I N I S T)

1. N509513
2. N509517
3. N509522
4. N509524
5. N509525
6. N509530

		MEAN	STD DEV	CASES
1.	N509513	2.7551	1.1449	9516.0
2.	N509517	1.7092	.7973	9516.0
3.	N509522	2.0222	.6661	9516.0
4.	N509524	2.8384	1.0369	9516.0
5.	N509525	2.4849	.9580	9516.0
6.	N509530	2.3594	1.0160	9516.0

CORRELATION MATRIX

	N509513	N509517	N509522	N509524	N509525	N509530
N509513	1.0000					
N509517	.2271	1.0000				
N509522	.1198	.1057	1.0000			
N509524	.0995	.1478	.0286	1.0000		
N509525	.4200	.1924	.1974	.2052	1.0000	
N509530	.2019	.1068	.4839	.0156	.1845	1.0000

OF CASES = 9516.0

STATISTICS FOR	MEAN	VARIANCE	STD DEV	# OF VARIABLES
SCALE	14.1692	10.2099	3.1953	6

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	2.3615	1.7092	2.8384	1.1292	1.6606	.1876

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.9026	.4438	1.3107	.8670	2.9537	.0990

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.1824	.0156	.4839	.4682	30.9432	.0156

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509513	11.4140	6.6748	.3760	.2129	.4813
N509517	12.4600	8.3359	.2690	.0795	.5333
N509522	12.1470	8.5246	.3192	.2484	.5210
N509524	11.3308	8.1741	.1620	.0553	.5863
N509525	11.6843	7.0581	.4389	.2304	.4535
N509530	11.8098	7.4877	.3039	.2573	.5183

RELIABILITY COEFFICIENTS 6 ITEMS

ALPHA = .5635 STANDARDIZED ITEM ALPHA = .5724

R E L I A B I L I T Y A N A L Y S I S - S C A L E (C Y N I C)

1. N509562
2. N509667
3. N509715

		MEAN	STD DEV	CASES
1.	N509562	2.6144	1.1636	9516.0
2.	N509667	3.1599	.9678	9516.0
3.	N509715	2.6989	.8936	9516.0

CORRELATION MATRIX

	N509562	N509667	N509715
N509562	1.0000		
N509667	.2699	1.0000	
N509715	.5082	.3767	1.0000

OF CASES = 9516.0

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	# OF VARIABLES
	8.4733	5.4056	2.3250	3

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	2.8244	2.6144	3.1599	.5455	1.2086	.0862

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	1.0297	.7986	1.3539	.5553	1.6954	.0836

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.3849	.2699	.5082	.2384	1.8832	.0114

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509562	5.8589	2.3869	.4630	.2655	.5460
N509667	5.3134	3.2094	.3632	.1502	.6586
N509715	5.7744	2.8984	.5615	.3202	.4194

RELIABILITY COEFFICIENTS 3 ITEMS

ALPHA = .6428 STANDARDIZED ITEM ALPHA = .6525

R E L I A B I L I T Y A N A L Y S I S - S C A L E (P R O T)

1. N509559
2. N509571
3. N509664

		MEAN	STD DEV	CASES
1.	N509559	3.1502	1.1321	9516.0
2.	N509571	3.5367	.9719	9516.0
3.	N509664	2.9754	1.0178	9516.0

CORRELATION MATRIX

	N509559	N509571	N509664
N509559	1.0000		
N509571	.3017	1.0000	
N509664	.3911	.4307	1.0000

OF CASES = 9516.0

STATISTICS FOR	MEAN	VARIANCE	STD DEV	# OF VARIABLES
SCALE	9.6623	5.6795	2.3832	3

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.2208	2.9754	3.5367	.5613	1.1886	.0825

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	1.0874	.9446	1.2816	.3370	1.3567	.0304

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.3745	.3017	.4307	.1289	1.4273	.0035

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509559	6.5121	2.8325	.4108	.1748	.6016
N509571	6.1256	3.2188	.4347	.2065	.5600
N509664	6.6868	2.8903	.5067	.2605	.4595

RELIABILITY COEFFICIENTS 3 ITEMS

ALPHA = .6385 STANDARDIZED ITEM ALPHA = .6424

R E L I A B I L I T Y A N A L Y S I S - S C A L E (E N V I R O N)

1. N509523
2. N509528
3. N509567

		MEAN	STD DEV	CASES
1.	N509523	3.9110	.8910	9516.0
2.	N509528	3.9746	.7344	9516.0
3.	N509567	3.1178	1.0089	9516.0

CORRELATION MATRIX

	N509523	N509528	N509567
N509523	1.0000		
N509528	.3640	1.0000	
N509567	.2718	.3028	1.0000

OF CASES = 9516.0

STATISTICS FOR	MEAN	VARIANCE	STD DEV	# OF VARIABLES
SCALE	11.0034	3.7648	1.9403	3

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.6678	3.1178	3.9746	.8568	1.2748	.2279

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.7837	.5393	1.0179	.4785	1.8872	.0573

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.3129	.2718	.3640	.0922	1.3393	.0018

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM	SCALE VARIANCE IF ITEM	CORRECTED ITEM-TOTAL	SQUARED MULTIPLE	ALPHA IF ITEM

	DELETED	DELETED	CORRELATION	CORRELATION	DELETED
N509523	7.0924	2.0059	.3824	.1613	.4473
N509528	7.0288	2.3004	.4152	.1774	.4248
N509567	7.8856	1.8096	.3453	.1218	.5265

RELIABILITY COEFFICIENTS 3 ITEMS

ALPHA = .5633 STANDARDIZED ITEM ALPHA = .5773

R E L I A B I L I T Y A N A L Y S I S - S C A L E (S I N G L E)

1. N509519
2. N509566
3. N509719

		MEAN	STD DEV	CASES
1.	N509519	3.2884	1.1917	9516.0
2.	N509566	3.0500	1.1522	9516.0
3.	N509719	3.1984	1.0318	9516.0

CORRELATION MATRIX

	N509519	N509566	N509719
N509519	1.0000		
N509566	.1884	1.0000	
N509719	.2404	.1777	1.0000

OF CASES = 9516.0

STATISTICS FOR SCALE	MEAN	VARIANCE	STD DEV	# OF VARIABLES
	9.5368	5.3436	2.3116	3

ITEM MEANS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	3.1789	3.0500	3.2884	.2383	1.0781	.0145

ITEM VARIANCES	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	1.2708	1.0646	1.4202	.3556	1.3340	.0340

INTER-ITEM CORRELATIONS	MEAN	MINIMUM	MAXIMUM	RANGE	MAX/MIN	VARIANCE
	.2022	.1777	.2404	.0627	1.3526	.0009

ITEM-TOTAL STATISTICS

	SCALE MEAN IF ITEM DELETED	SCALE VARIANCE IF ITEM DELETED	CORRECTED ITEM-TOTAL CORRELATION	SQUARED MULTIPLE CORRELATION	ALPHA IF ITEM DELETED
N509519	6.2484	2.8148	.2772	.0797	.3003
N509566	6.4868	3.0759	.2326	.0541	.3844
N509719	6.3384	3.2652	.2719	.0760	.3169

```
RELIABILITY COEFFICIENTS     3 ITEMS

ALPHA =   .4298           STANDARDIZED ITEM ALPHA =   .4319
Variable statistics:
-------------------


Number of valid observations (listwise) =      9642.00

Variable  LEFTIE     left-right beliefs

Mean             3.329       S.E. Mean         .007       Std Dev          .673
Variance          .453       Kurtosis         -.289       S.E. Kurt        .048
Skewness         -.090       S.E. Skew         .024       Range           4.000
Minimum           1.00       Maximum           5.00       Sum         34482.286

Valid observations -    10357         Missing observations -     1050

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -

Variable  EQUALITY   support for sex equality

Mean        3.846           S.E. Mean         .005        Std Dev          .536
Variance     .287           Kurtosis          .246        S.E. Kurt        .048
Skewness    -.266           S.E. Skew         .024        Range           3.750
Minimum      1.25           Maximum           5.00        Sum         40610.000

Valid observations -    10558         Missing observations -      849

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -

Variable  RACISM     anti-racism

Mean        3.782           S.E. Mean         .007         Std Dev       .689
Variance     .475           Kurtosis         1.326         S.E. Kurt     .048
Skewness    -.767           S.E. Skew         .024         Range        4.000
Minimum      1.00           Maximum           5.00         Sum       39930.400

Valid observations -    10558         Missing observations -      849

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -

Variable  MORAL      support for authority

Mean      3.571            S.E. Mean      .006              Std Dev       .617
Variance   .381            Kurtosis       .734              S.E. Kurt     .048
Skewness  -.648            S.E. Skew      .024              Range        4.000
Minimum    1.00            Maximum       5.00              Sum       37472.667

Valid observations -    10495         Missing observations -      912

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
Variable  MARITAL    support for traditional marital values

Mean        2.708           S.E. Mean     .006            Std Dev      .597
Variance     .357           Kurtosis      .426            S.E. Kurt    .048
Skewness     .299           S.E. Skew     .024            Range       4.000
Minimum      1.00           Maximum       5.00            Sum      28692.167

Valid observations -    10594         Missing observations -      813

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Variable  FEMINIST   permessiveness about work and family

Mean        2.362            S.E. Mean     .005            Std Dev      .533
Variance     .284            Kurtosis      .180            S.E. Kurt    .048
Skewness     .327            S.E. Skew     .024            Range       3.667
Minimum      1.00            Maximum       4.67            Sum      24774.333

Valid observations -    10490         Missing observations -      917

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Variable  CYNIC      political cynicism

Mean        2.834           S.E. Mean      .008            Std Dev      .778
Variance     .605           Kurtosis      -.314            S.E. Kurt    .048
Skewness     .377           S.E. Skew      .024            Range       4.000
Minimum      1.00           Maximum         5.00           Sum      30090.333

Valid observations -    10619         Missing observations -      788

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Variable  PROT       support for work ethic

Mean        3.222            S.E. Mean     .008            Std Dev      .795
Variance     .633            Kurtosis     -.387            S.E. Kurt    .047
Skewness    -.186            S.E. Skew     .024            Range       4.000
Minimum      1.00            Maximum       5.00            Sum      34330.333

Valid observations -    10656         Missing observations -      751

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


Variable  ENVIRON    environmentalism

Mean        3.665           S.E. Mean     .006            Std Dev      .645
Variance     .416           Kurtosis     -.087            S.E. Kurt    .048
Skewness     .064           S.E. Skew     .024            Range       4.000
Minimum      1.00           Maximum       5.00            Sum      38942.000

Valid observations -    10625         Missing observations -      782

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

Variable SINGLE opposition to family

Mean	3.172	S.E. Mean	.008	Std Dev	.773
Variance	.598	Kurtosis	-.539	S.E. Kurt	.048
Skewness	-.012	S.E. Skew	.024	Range	4.000
Minimum	1.00	Maximum	5.00	Sum	33703.333

Valid observations - 10626 Missing observations - 781

NCDS5 Children in the household - Derived Variables (REVISED VERSION)

Author: Susan Macran (SSRU)

Queries:

All queries about these variables should be addressed to:

NCDS User Support Group
Social Statistics Research Unit
City University
Northampton Square
London EC1V 0HB

Tel: 0171 477 8484
Fax: 0171 477 8583
Email: ncds@ssru.city.ac.uk

General Description:

These variables calculate the age of youngest child and the number of dependent* children resident in the household at NCDS5 as reported by the household grid in the Family section of the main cm interview.

NOTE: * dependent is defined here as: resident biological, adopted, step or fostered children under the age of 16.

Variable Name: AGYCH

Description of variables:

This variable calculates the age of the youngest child in the household in 1991 according to the household grid.

Source variables:

All variables were taken from the household grid in the Family section of the CMI. A child was defined by using the 'Relationship to respondent' column, where values 3=biological child, 4=adopted child, 5=fostered child and 6=stepchild.

Instrument	Question	Variables
CM Main Interview	p.53 C60	n502618-20
		n502624-26
		n502630-32
		n502636-38
		n502642-44
		n502648-50
		n502654-56
		n502660-62
		n502666-68

SPSS code:

```
*************************************************************************
* calculate age of youngest child in the household from household grid in CMI
*************************************************************************
compute ageych=999
do repeat x=n502620 n502626 n502632 n502638 n502644 n502650 n502656 n502662
           n502668/
          y=n502618 n502624 n502630 n502636 n502642 n502648 n502654 n502660
           n502666
if ((x eq 3) or (x eq 4) or (x eq 5) or (x eq 6)) and (y lt ageych)
      ageych=y
end repeat
execute
recode ageych (lo thru 2=1) (3,4=2) (5 thru 10=3) (11 thru 15=4)
       (16 thru 998=5)
missing values ageych (999)
var labs ageych 'age of youngest child in household'
value labels ageych  1 '2 yrs or under'
                2 '3-4 yrs'
                3 '5-10 yrs'
                4 '11-15 yrs'
                5 '16 yrs or over'
                999 'missing'
```

Variable distribution:

AGEYCH age of youngest child in household

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
2 yrs or under	1.00	2963	26.0	37.9	37.9
3-4 yrs	2.00	1640	14.4	21.0	58.9
5-10 yrs	3.00	2747	24.1	35.2	94.0
11-15 yrs	4.00	426	3.7	5.5	99.5
16 yrs or over	5.00	39	.3	.5	100.0
missing	999.00	3592	31.5	Missing	
	Total	11407	100.0	100.0	

Valid cases 7815 Missing cases 3592

```
*************************************************************************
```

Variable Name: TOTCHLD

Description of variables:

This variable calculates the number of dependent children in the household in 1991 according to the household grid.

Source variables:

All variables were taken from the household grid in the Family section of the CMI. A child was defined by using the 'Relationship to respondent' column, where values 3=biological child, 4=adopted child, 5=fostered child and 6=stepchild.

Instrument	Question	Variables
CM Main Interview	p.53 C60	n502618-20 n502624-26 n502630-32 n502636-38 n502642-44 n502648-50 n502654-56 n502660-62 n502666-68

SPSS code:

```
*************************************************************************
* compute total number of dependent children in 1991 household
*************************************************************************
compute totchld=0
do repeat x=n502620 n502626 n502632 n502638 n502644 n502650 n502656 n502662
            n502668/
           y=n502618 n502624 n502630 n502636 n502642 n502648 n502654 n502660
            n502666
if (((x eq 3) or (x eq 4) or (x eq 5) or (x eq 6)) and (y le 16))
   totchld=totchld+1
end repeat
do if (totchld=0)
do repeat x=n502620 n502626 n502632 n502638 n502644 n502650 n502656 n502662
            n502668
if (x lt 3) or (x gt 6) totchld=99
end repeat
end if
execute
recode totchld (0=99) (99=0)
missing values totchld (99)
var labels totchld 'Tot number of dependent children in 1991 hhold'
val labels totchld 0 'no dep. child'
                   99 'missing'
```

Variable distribution:

TOTCHLD Tot number of dependent children in 1991

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
no dep. child	.00	2673	23.4	25.5	25.5
	1.00	2041	17.9	19.5	45.0
	2.00	3965	34.8	37.9	82.9
	3.00	1387	12.2	13.3	96.2
	4.00	327	2.9	3.1	99.3
	5.00	55	.5	.5	99.8
	6.00	13	.1	.1	100.0
	7.00	1	.0	.0	100.0
	8.00	3	.0	.0	100.0
missing	99.00	942	8.3	Missing	
	Total	11407	100.0	100.0	

Valid cases 10465 Missing cases 942

NCDS5 Marriage and Partnership Status - Derived Variable

Author: Kate Smith

Queries:

All queries about these variables should be addressed to:

NCDS User Support Group
Social Statistics Research Unit
City University
Northampton Square
London EC1V 0HB

Tel: 0171 477 8484
Fax: 0171 477 8583
Email: ncds@ssru.city.ac.uk

Variable Name: MARSTPAR

Descriptions of Variable:
---
*This code calculates the different marital and partnership statuses of the cohort members at 1991 by deriving the variable MARSTPAR. It reflects both their marital status and whether or not they had a partner living with them.

Source variables:

The code uses the variable that records their official marital status in the 'Your Life' questionnaire - (page 4, Q4) and a variable in the 'Family' section of the CMI - (page 43, question C21a) which checks if the cm is currently living with a partner and whether they are married or cohabiting.

Question	Variables
Your Life p.4 Q4	N506515
CMI p.43 C21a)	N501950

SPSS code:

```
compute marstpar=0
if (n506515 eq 1) marstpar=1
if (n506515 eq 1 and n501950 eq 3) marstpar=2
if (n506515 eq 2) marstpar=3
if (n506515 eq 2 and n501950 eq 1) or (n506515 eq 2 and n501950 eq 2)
 marstpar=4
if (n506515 eq 3) marstpar=5
if (n506515 eq 3 and n501950 eq 1) or (n506515 eq 3 and n501950 eq 2)
 marstpar=6
if (n506515 eq 4) marstpar=7
if (n506515 eq 4 and n501950 eq 3) marstpar=8
if (n506515 eq 5) marstpar=9
if (n506515 eq 5 and n501950 eq 3) marstpar=10
if (n506515 eq 6) marstpar=11
if (n506515 eq 6 and n501950 eq 3) marstpar=12
print formats marstpar (f1.0)
missing values marstpar (0)
variable labels marstpar 'legal and partner status'
value labels marstpar 1 'single no par' 2 'single with par' 3 1marr no par'
 4 '1marr with par' 5 '2marr no par' 6 '2marr with par' 7 'sep no par'
 8 'sep with par' 9 'div no par' 10 'div with par' 11 'wid no par'
 12 'wid with par'
Frequency: *NOTE: Based on 'cleaned' data - see 'other comments' below
```

MARSTPAR legal and partner status

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
single no par	1	1347	11.8	12.3	12.3
single with par	2	613	5.4	5.6	17.8
1marr no par'	3	10	.1	.1	17.9
1marr with par	4	6978	61.2	63.5	81.4
2marr no par	5	8	.1	.1	81.5
2marr with par	6	768	6.7	7.0	88.5
sep no par	7	231	2.0	2.1	90.6
sep with par	8	78	.7	.7	91.3
div no par	9	509	4.5	4.6	95.9
div with par	10	426	3.7	3.9	99.8
wid no par	11	19	.2	.2	99.9
wid with par	12	6	.1	.1	100.0
missing	0	414	3.6	Missing	
	Total	11407	100.0	100.0	

Valid cases 10993 Missing cases 414

Other Comments:

As a result of checks that were made when deriving the variable some errors in the dataset were uncovered and 'cleaned'. These corrections are outlined below. The frequency shown is based on the 'cleaned' data.

```
 I have also  derived some extra values for the variable as a number of cms
 were missing 'Your Life' questionnaires and thus were missing a value for
 MARSTPAR - details are available from the author.

* The cleaning outlined below was uncovered when checking the frequencies for
  MARSTPAR against whether the cm had a partner or spouse present recorded in
  the household grid.

  It corrects cases where MARSTPAR value has no partner, but there is a spouse
  or partner on the household grid. The miscodes are a mix of the marital status
  variable on your life (n506515), the partner check var in the Family section
  (n501950), or an entry on the household grid (n502620) being wrong.

 NOTE: In all cases the corrections were made after looking at the original
       questionnaires.

*****************************************
* This code corrects cases where MARSTPAR=3 or 5 (married no partner), but there
  is a partner on the h'hold grid.
  N cases = 10

  NB: Where a variable is set to another variable (e.g. n502620=n502626)
      this is to set the new value to SPSS missing value of (.) There was no
      other way to set this.

*****************************************
if (serial='096017L') n506515=5
*
if (serial='460043Q') n502620=n502626
*
if (serial='465056B') n506515=5
*
if (serial='500565R') n506515=5
*
if (serial='565009Z') n506515=5
*
if (serial='640020D') n506515=5
*
if (serial='822504R') n506515=5
*
if (serial='822509B') n506515=5
*
if (serial='825045A') n506515=5
*
if (serial='X67017E') n506515=1


*********************************************
* This code corrects cases where MARSTPAR=3 or 5, but there is a spouse on grid
  N cases=33
*********************************************

if (serial='010183U') n501950=2
*
if (serial='049007R') n501950=2
*
if (serial='083055W') n501950=1
*
if (serial='087006D') n501950=1
*
if (serial='093227F') n501950=1
*
```

```
if (serial='140006X') n501950=2
*
if (serial='183019Z') n501950=2
*
if (serial='231038T') n501950=1
*
if (serial='385012L') n501950=2
*
if (serial='400084R') n501950=1
*
if (serial='405027E') n501950=1
*
if (serial='435025V') n501950=2
*
if (serial='450087E') n501950=1
*
if (serial='509203C') n501950=2
*
if (serial='513125J') n501950=2
*
if (serial='523041J') n501950=2
*
if (serial='550096P') n501950=2
*
if (serial='591029D') n501950=1
*
if (serial='684085H') n501950=2
*
if (serial='730032N') n501950=2
*
if (serial='730122P') n501950=1
*
if (serial='782026M') n501950=2
*
if (serial='782083Z') n501950=2
*
if (serial='782099R') n501950=1
*
if (serial='782110Z') n501950=2
*
if (serial='883014S') n501950=2
*
if (serial='936009R') n501950=2
*
if (serial='950260E') n501950=2
*
if (serial='985016Q') n501950=2
*
if (serial='X82189X') n501950=2
*
if (serial='X82559E') n501950=2
*
if (serial='Y01183L') n501950=2
*
if (serial='Y30092W') n501950=2


*********************************************************************
* The following code is based on corrections identified which looked at cases
  where the variables MARSTPAR and N501950 do not tally, eg MARSTPAR=1
  (single no partner) and N501950=1 (lived with current partner before
   marrying).
```

```
* This code corrects cases where MARSTPAR=1 (single no partner) and N501950=1
  (lived with current partner then got married)
  N cases=12
**********************************************************************
if (serial='200054R') n506515=2
*
if (serial='233011H') n506515=2
*
if (serial='308015F') n501950=3
if (serial='308015F') n502620=2
*
if (serial='380057H') n506515=2
*
if (serial='425049D') n506515=2
*
if (serial='550157H') n501950=3
*
if (serial='583063J') n501950=n501949
*
if (serial='650058N') n506515=2
*
if (serial='987025B') n506515=2
*
if (serial='X87035V') n501950=n501949
*
if (serial='Y30150J') n506515=2

**********************************************************************
* This code corrects cases where MARSTPAR=1 (single no partner) N501950=2
  (married current partner without cohabiting first)
   N cases=9
**********************************************************************
if (serial='055074S') n501950=3
*
if (serial='099060C') n506515=2
*
if (serial='287151D') n501950=3
*
if (serial='308046T') n506515=2
*
if (serial='509235S') n506515=2
*
if (serial='582005N') n506515=2
*
if (serial='710059W') n501950=n501949
*
if (serial='830008Y') n506515=2
*
if (serial='X55021C') n506515=2
*
**********************************************************************
*MARSTPAR=5 (2nd marr - no partner) N501950=3 (cohabiting)

 N cases=2
**********************************************************************
if (serial='010095X') n502620=2
*
if (serial='823070J') n506515=4

**********************************************************************
*MARSTPAR=7 (sep - no partner) n501950=1 (married)
```

```
 N cases=6
*****************************************************************
if (serial='238007U') n501950=3
*
if (serial='300016Q') n501950=n501949
*
if (serial='500505W') n501950=n501949
*
if (serial='518124J') n506515=4
*
if (serial='650211T') n501950=n501949
if (serial='650211T') n501951=n501949
if (serial='650211T') n501952=n501949
if (serial='650211T') n501953=n501949
*
if (serial='986045C') n506515=4

*****************************************************************
*MARSPTAR=7 (sep - no partner) N501950=2 (married)
 N cases=1
*****************************************************************

if (serial='287192U') n506515=2

*****************************************************************
*MARSPTAR=9 (div - no partner) N501950=1 (married)
 N cases=4
*****************************************************************
if (serial='526011Q') n506515=2
*
if (serial='560002H') n501950=3
if (serial='560002H') n501750=2
*
if (serial='730036W') n501950=3
*
if (serial='X82265M') n501950=3

*****************************************************************
* MARSTPAR=9 (div - no part) N501950=2 (married)
  N cases=6
*****************************************************************
if (serial='092060Q') n501950=n501952
if (serial='092060Q') n501951=n501952
*
if (serial='280045S') n501950=3
*
if (serial='421064C') n501950=3
*
if (serial='434018T') n501950=3
*
*
if (serial='960003Q') n506515=2
```

NCDS5 Partner and Parental Statuses - Derived Variables

Author: John Bynner (SSRU)

Queries:

All queries about these variables should be addressed to:

NCDS USer Support Group
Social Statistics Research Unit
City University
Northampton Square
London EC1V 0HB

Tel: 0171 477 8484
Fax: 0171 477 8583
Email: ncds@ssru.city.ac.uk

General Description:

These variables describe various family states at NCDS5 derived from the household grid in the Family section of the main cohort member interview.

Variable names: ALONE

Description of variable:

These variables produce a single variable to describe whether the cohort member had a spouse or partner recorded as being present in the household at NCDS5 the household grid.

Source variables:

Instrument	Question	Variables	Value
CM main interview	p.53 C60	n502620	1-2
		n502626	1-2
		n502632	1-2
		n502638	1-2
		n502644	1-2
		n502650	1-2
		n502656	1-2
		n502662	1-2
		n502668	1-2

SPSS code:

```
count partner = n502620 n502626 n502632 n502638 n502644 n502650
                n502656 n502662 n502668 (1,2).
compute alone = 0.
if (partner ge 1) alone = 1.
if (partner = 0) alone = 2.

variable labels alone "Is respondent partnered?".
value labels alone  1 "yes"
                    2 "no".
```

Variable distributions:

ALONE Is respondent partnered?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
yes	1.00	9046	48.7	48.7	48.7
no	2.00	9515	51.3	51.3	100.0
	Total	18561	100.0	100.0	

Valid cases 18561 Missing cases 0

- -

PARTNER

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	.00	9515	51.3	51.3	51.3
	1.00	9032	48.7	48.7	99.9
	2.00	12	.1	.1	100.0
	3.00	1	.0	.0	100.0
	4.00	1	.0	.0	100.0
	Total	18561	100.0	100.0	

Valid cases 18561 Missing cases 0

****

Variable names: KID, CHILD

Description of variable:

These variables produce a single variable to describe whether the cohort member had biological,adopted,fostered or stepchildren recorded as being present in the household at NCDS5 on the household grid.

Source variables:

Instrument	Question	Variables	Value
CM main interview	p.53 C60	n502620	3-6
		n502626	3-6
		n502632	3-6
		n502638	3-6
		n502644	3-6
		n502650	3-6
		n502656	3-6
		n502662	3-6
		n502668	3-6

```
SPSS code:
---------
count kid = n502620 n502626 n502632 n502638 n502644 n502650
            n502656 n502662 n502668 (3,4,5,6).

compute child =0.
if (kid ge 1) child = 1.
if (kid = 0) child = 2.

variable labels child "Does respondent have child(ren)?".
value labels child 1 "yes"
                   2 "no".



Variable distributions:
-----------------------

CHILD     Does respondent have child(ren)?


                                                    Valid     Cum
Value Label                 Value  Frequency  Percent  Percent  Percent

yes                          1.00       7811     42.1     42.1     42.1
no                           2.00      10750     57.9     57.9    100.0
                                      -------  -------  -------
                            Total      18561    100.0    100.0

Valid cases   18561      Missing cases      0


- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

KID


                                                    Valid     Cum
Value Label                 Value  Frequency  Percent  Percent  Percent

                              .00      10750     57.9     57.9     57.9
                             1.00       2034     11.0     11.0     68.9
                             2.00       3954     21.3     21.3     90.2
                             3.00       1409      7.6      7.6     97.8
                             4.00        333      1.8      1.8     99.6
                             5.00         63       .3       .3     99.9
                             6.00         14       .1       .1    100.0
                             7.00          1       .0       .0    100.0
                             8.00          3       .0       .0    100.0
                                      -------  -------  -------
                            Total      18561    100.0    100.0

Valid cases   18561      Missing cases      0

*****************************************************************************
Variable name: MARCHILD
-------------
```

Variable description:

This variable uses the derived variables alone and child to construct a single variable which describes whether a cohort member is male or female, is partnered and has children or not.

Source variables:

instrument	variable
derived	alone
derived	child
NCDS1	n622 (sex of cohort member at birth)

SPSS code:

```
compute marchild = 0.
do if (n622 eq 1).
if (alone = 1 and child = 1) marchild = 1.
if (alone = 2 and child = 1) marchild = 3.
if (alone = 1 and child = 2) marchild = 5.
if (alone = 2 and child = 2) marchild = 7.
end if.

do if (n622 eq 2).
if (alone = 1 and child = 1) marchild = 2.
if (alone = 2 and child = 1) marchild = 4.
if (alone = 1 and child = 2) marchild = 6.
if (alone = 2 and child = 2) marchild = 8.
end if.

val labels marchild 1 'M. partner & child(ren)'
               2 'F. partner & child(ren)'
               3 'M.child(ren) no partner'
               4 'F.child(ren) no partner'
               5 'M. partner no child(ren)'
               6 'F. partner no child(ren)'
               7 'M. no partner no child'
               8 'F. no partner no child'.
```

Variable distribution:

MARCHILD

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
M. partner & child(r	1.00	3379	29.7	29.7	29.7
F. partner & child(r	2.00	3867	34.0	34.0	63.8
M.child(ren) no part	3.00	65	.6	.6	64.3
F.child(ren) no part	4.00	500	4.4	4.4	68.7
M. partner no child(	5.00	1006	8.9	8.9	77.6
F. partner no child(	6.00	794	7.0	7.0	84.6
M. no partner no chi	7.00	1133	10.0	10.0	94.5
F. no partner no chi	8.00	620	5.5	5.5	100.0
	Total	11364	100.0	100.0	

Valid cases 11364 Missing cases 0

NCDS5 Highest Qualifications - Derived Variables

Variables

HQUAL23 Highest qualification gained at age 23
HQUAL33 Highest qualification gained at age 33

Authorship

The derivation of these variables is based on code supplied by John Bynner. The labelling and treatment of missing values was modified by Peter Shepherd.

Queries

All queries about these variables should addressed to:

NCDS User Support Group
Social Statistics Research Unit Tel: 0171 477-8484
City University Fax: 0171 477-8583
Northampton Square Email: ncds@ssru.city.ac.uk
London EC1V 0HB

Purpose

These derived variables summarise the level of the highest qualification gained by the NCDS cohort member by ages 23 and age 33, as reported during the NCDS5 survey. They also indicate the equivalent National Vocational Qualification (NVQ) level.

Source variables

The variables are derived from information gathered during the NCDS5 Cohort Member Interview about qualifications obtained by age 33, and before March, 1981 (age 23) - see pages 34 and 35, questions B22a) and B22b). These questions are represented on the NCDS5 data base by a number of variables, each holding the code for a qualification identified by the cohort member:

Question	Variables
B22a)	N501441 to N501469
B22b)	N501513 to N501541

Summary of derivation

The derived variables summarise the highest qualification gained by age 33 and by age 23, identified from among those recorded for the NCDS cohort member. The relationship between the codes employed for questions B22a) and B22b) and those for HQUAL23 and HQUAL33 are summarised below.

Value of source variables	Value of derived variables
N501441 to N501469	HQUAL33
N501513 to N501541	HQUAL23
37	0 No qualification
10,25,1	1 CSE 2-5/equiv NVQ1
20,19,18,17,13,14,12,11,7,6,4,3,2	2 O Level/equiv NVQ2
23,21,15,09,08,05	3 A Level/equiv NVQ3
30,29,28,27,26,24,22,16	4 Higher qual NVQ4
31,33	5 Degree/higher NVQ5,6
34,35,36,missing	-1 No information

Full details of the relationship between codes for the source variables and derived variables are given in the Appendix below.

Distribution

The frequency distributions for the derived variables are given below.

HQUAL33 Highest qual gained at age 33

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No qualification	0	1403	12.3	12.6	12.6
CSE 2-5/equiv NVQ1	1	1387	12.2	12.4	25.0
O Level/equiv NVQ2	2	3804	33.3	34.1	59.2
A Level/equiv NVQ3	3	1569	13.8	14.1	73.3
Higher qual NVQ4	4	1577	13.8	14.2	87.4
Degree/higher NVQ5,6	5	1402	12.3	12.6	100.0
No information	-1	265	2.3	Missing	
	Total	11407	100.0	100.0	

Valid cases 11142 Missing cases 265

- -

HQUAL23 Highest qual gained at age 23

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No qualification	0	1503	13.2	14.1	14.1
CSE 2-5/equiv NVQ1	1	1452	12.7	13.6	27.7
O Level/equiv NVQ2	2	3835	33.6	36.0	63.7
A Level/equiv NVQ3	3	1849	16.2	17.3	81.0
Higher qual NVQ4	4	1051	9.2	9.9	90.9
Degree/higher NVQ5,6	5	972	8.5	9.1	100.0
No information	-1	745	6.5	Missing	
	Total	11407	100.0	100.0	

Valid cases 10662 Missing cases 745

SPSS Code
_____

The SPSS code used to derive the two variables is listed below.

```
do rep x=n501441 to n501469 /*ever1 ... ever15
 /y=n501513 to n501541 /*before81_1 ... before81_15
if x=37 and range (y,1,36) x=y
if x=37 and missing (y) or y=0 y=37
end rep
```

```
compute hqual33=-2
do rep x=n501441 to n501469 /*ever1...ever15
if any (x,37) hqual33=0
if (any (x,10,25,1) and hqual33 lt 1) hqual33=1
if (any (x,20,19,18,17,13,14,12,11,7,6,4,3,2) and hqual33 lt 2) hqual33=2
if (any (x,23,21,15,09,08,05) and hqual33 lt 3) hqual33=3
if (any (x,30,29,28,27,26,24,22,16) and hqual33 lt 4) hqual33=4
if (range (x,31,33) and hqual33 lt 5) hqual33=5
end rep

compute hqual23=-2

do rep x=n501513 to n501541 /*before811.. before8115
if any (x,37) hqual23=0
if (any(x,10,25,1) and hqual23 lt 1) hqual23=1
if (any (x,20,19,18,17,13,14,12,11,7,6,4,3,2) and hqual23 lt 2) hqual23=2
if (any (x,23,21,15,09,08,05) and hqual23 lt 3) hqual23=3
if (any (x,30,29,28,27,26,24,22,16) and hqual23 lt 4) hqual23=4
if (range(x,31,33) and hqual23 lt 5) hqual23=5
end rep

var labels hqual33 "Highest qual gained at age 33"
           hqual23 "Highest qual gained at age 23"

value labels hqual33 hqual23
             0 "No qualification"
             1 "CSE 2-5/equiv NVQ1"
             2 "O Level/equiv NVQ2"
             3 "A Level/equiv NVQ3"
             4 "Higher qual   NVQ4"
             5 "Degree/higher NVQ5,6"
             -1 "No information"

formats hqual33 hqual23 (f2.0)

recode hqual33 hqual23 (-2=-1)

missing values hqual33 hqual23 (-1)

frequencies variables=hqual33 hqual23
```

APPENDIX: Relationship between codes for B22a)/B22b) and HQUAL33/ HQUAL23

Description (see CM Interview pages 34 and 35)	Q'nnaire code	HQUAL23/ HQUAL33 code
No qualification		
None	37	0
CSE 'O' and 'A' Level, GCSE, Scottish 'O', 'H', and Standard Grades		
CSE grade 2-5	01	1
CSE grade 1	02	2
GCE 'O' Level - passes or grades A-C	03	2
General Certificate of Secondary		

Education (GCSE) grades A-C	04	2
GCE 'A' Level	05	3
Scottish 'O' grade - passes or grades A-C	06	2
Scottish Standard Grades - grades 1-3	07	2
Scottish Higher Grade	08	8
Scottish Certificate of Sixth Year Studies	09	3
Royal Society of Arts Award (RSA)		
RSA - Stage 1	10	1
RSA - Stage 2	11	2
RSA - Stage 3	12	2
City and Guilds and Regional Examining Board Certificates		
Operative	13	2
Craft/Intermediary/Ordinary/Part I	14	2
Advanced/Final/Part II or III	15	3
Full Technological (FTC)	16	4
Other City and Guilds	17	2
City and Guilds - can't say which	18	2
Insignia Award in Technology (CGIA)	19	2
Joint Industry Board (JIB), National Joint Council (JNC) and Other Awards		
JIB/NJC or other Craft/Technician certificate	20	2
National Diplomas and Certificates		
ONC/HND (or SNC/SND)	21	3
HNC/HND (or SHNC/SHND)	22	4
TEC/BEC/BTEC (or SCOTEC/SCOTBEC/SCOTVEC)		
National General Certificate or dilpoma	23	3
Higher or Higher National Certificate or Dilpoma	24	4

continued...

Description (see CM Interview pages 34 and 35)	Q'nnaire code	HQUAL23/ HQUAL33 code
...continued		
Other Technical or Business Qualifications		
Other technical or business qualifications - including HGV, PSV, etc	25	1
Professional Qualifications including Nursing		
Full professional qualification - membership awarded by professional institution	26	4
Part of professional qualifications eg: Part I of two part course	27	4
Nursing qualifications - including Nursery Nursing (NNEB)	28	4
University, Polytechnic and CNAA Awards		
Polytechnic (or Central Institution) Diploma or		

```
  Certificate (NOT CNAA VALIDATED)                29        4
 University or CNAA Diploma or Certificate
 - including Dip HE and Teacher Training
   College Certificate                            30        4
 University or CNAA First Degree - including B Ed 31        5
 University or CNAA Post Graduate Diploma         32        5
 University or CNAA Higher Degree - MSc, PhD, etc 33        5

Any other qualifications
------------------------
 Any other qualification 1                        34        -1
 Any other qualification 2                        35        -1
 Any other qualification 3                        36        -1NCDS5  Skills -
Derived Variables
--------------------------------------------------------------------------------

Author: John Bynner (SSRU)
------

Queries:
-------

All Queries should be addressed to :

NCDS User Support Group                  Tel: 0171 477 8484
Social Statistics Research unit          FAX: 0171 477 8583
City University                          email: ncds@ssru.city.ac.uk
Northampton Square
London EC1V OHB



Variable names:  VERBAL   - Possession of Verbal Skills
--------------   CONSTRCT - Possession of Construction Skills
                 KEYBOARD - Possession of Keyboard Skills
                 CARING   - Possession of Caring Skills
                 ORGANISE - Possession of Organisational Skills



Variable descriptions:
----------------------
This code constructs five single variables by combining responses to a list of
various skills that the cohort member is asked if they possess at NCDS5 in the
self completion 'What Do You Think' instrument.



Source variables:
----------------

                  outcome                          source
       instrument variable   questions            variables
       ---------- --------   ---------            ---------
       What Do    VERBAL     p.9                  n509618
       You Think             1a)+2a)              n509621

                  CONSTRCT   p.9                  n509624
                             3a)+4a)+5a)          n509627
                                                  n509630
```

KEYBOARD	p.9	n509633
	6a)+7a)	n509636
CARING	p.9 8a)	n509639
	p.10 9a)+10a)	n509642
		n509645
ORGANISE	p.10	n509648
	11a)+12a)+13a)+	n509651
	14a)+15a)	n509654
		n509657
		n509660

SPSS code:

```
rename variables (n509618=writeA)
 (n509621=speakA)
 (n509624=toolsA)
 (n509627=plansA)
 (n509630=constrA)
 (n509633=keybdA)
 (n509636=compA)
 (n509639=careA)
 (n509642=adviceA)
 (n509645=teachA)
 (n509648=svisionA)
 (n509651=calcA)
 (n509654=sellA)
 (n509657=financeA)
 (n509660=runorgA).

recode writea speaka toolsa plansa constra keybda compa carea advicea
       teacha svisiona calca sella financea runorga
       (4 =1) (3 =2) (2 =3) (1 =4).

val labels writea speaka toolsa plansa constra compa carea advicea
           teacha svisiona calca sella financea runorga
           1 "Don't have skill"
           2 'Poor'
           3 'Fair'
           4 'Good'.



compute verbal = (writea + speaka)/2
compute constrct = (toolsa + plansa + constra)/3
compute keyboard = (keybda + compa)/2
compute caring = (carea + advicea + teacha)/3
compute organise = (svisiona + calca + sella + financea + runorga)/5


variable labels verbal "Possession of Verbal Skills"
                constrct "Possession of Construction Skills"
                keyboard "Possession of Keyboard Skills"
                caring "Possession of Caring Skills"
                organise "Possession of Organisational Skills"
```

Variable distributions:

VERBAL Possession of Verbal Skills

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Don't have skill	1.00	9	.1	.1	.1
	1.50	8	.1	.1	.2
Poor	2.00	104	.9	1.0	1.1
	2.50	661	5.8	6.2	7.3
Fair	3.00	3046	26.8	28.6	35.9
	3.50	3001	26.4	28.1	64.0
Good	4.00	3835	33.7	36.0	100.0
	.	700	6.2	Missing	
	Total	11364	100.0	100.0	

Valid cases 10664 Missing cases 700

- -

CONSTRCT Possession of Construction Skills

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Don't have skill	1.00	374	3.3	3.6	3.6
	1.33	141	1.2	1.4	4.9
	1.67	468	4.1	4.5	9.4
Poor	2.00	538	4.7	5.2	14.6
	2.33	936	8.2	9.0	23.5
	2.67	1098	9.7	10.5	34.0
Fair	3.00	1848	16.3	17.7	51.7
	3.33	1633	14.4	15.6	67.4
	3.67	1389	12.2	13.3	80.7
Good	4.00	2016	17.7	19.3	100.0
	.	923	8.1	Missing	
	Total	11364	100.0	100.0	

Valid cases 10441 Missing cases 923

KEYBOARD Possession of Keyboard Skills

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Don't have skill	1.00	2850	25.1	26.8	26.8
	1.50	924	8.1	8.7	35.6
Poor	2.00	1759	15.5	16.6	52.1
	2.50	1003	8.8	9.4	61.6
Fair	3.00	1713	15.1	16.1	77.7
	3.50	1001	8.8	9.4	87.1
Good	4.00	1366	12.0	12.9	100.0
	.	748	6.6	Missing	
	Total	11364	100.0	100.0	

Valid cases 10616 Missing cases 748

CARING Possession of Caring Skills

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Don't have skill	1.00	157	1.4	1.5	1.5
	1.33	64	.6	.6	2.1
	1.67	457	4.0	4.4	6.5
Poor	2.00	365	3.2	3.5	9.9
	2.33	1012	8.9	9.6	19.6
	2.67	1125	9.9	10.7	30.3
Fair	3.00	1969	17.3	18.8	49.1
	3.33	1835	16.1	17.5	66.6
	3.67	1780	15.7	17.0	83.5
Good	4.00	1726	15.2	16.5	100.0
	.	874	7.7	Missing	
	Total	11364	100.0	100.0	

Valid cases 10490 Missing cases 874

ORGANISE Possession of Organisational Skills

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Don't have skill	1.00	241	2.1	2.3	2.3
	1.20	116	1.0	1.1	3.4
	1.40	297	2.6	2.9	6.3
	1.60	288	2.5	2.8	9.1
	1.80	528	4.6	5.1	14.1
Poor	2.00	584	5.1	5.6	19.8
	2.20	805	7.1	7.7	27.5
	2.40	899	7.9	8.7	36.2
	2.60	1021	9.0	9.8	46.0
	2.80	1080	9.5	10.4	56.4
Fair	3.00	1197	10.5	11.5	67.9
	3.20	950	8.4	9.1	77.0
	3.40	878	7.7	8.4	85.5
	3.60	704	6.2	6.8	92.3
	3.80	503	4.4	4.8	97.1
Good	4.00	302	2.7	2.9	100.0
	.	971	8.5	Missing	
	Total	11364	100.0	100.0	

Valid cases 10393 Missing cases 971

NCDS5 Tenure - Derived Variable

Author: Susan Macran (SSRU)

Queries:

All queries about these variables should be addressed to:

NCDS User Support Group
Social Statistics Research Unit
City University
Northampton Square
London EC1V 0HB

Tel: 0171 477 8484
Fax: 0171 477 8583
Email: ncds@ssru.city.ac.uk

Variable Name: TENURE91

Description of variables:

This code produces a single grouped variable to describe the cohort members tenure in 1991.

Source variables:

Instrument	Question	Variables
CM Main Interview	p.58 D20	n502979
	p.59 D60	n503060

SPSS code:

```
*
*** Compute CM's housing tenure in 1991
*
compute tenure91=99
if (n502979 eq 1) tenure91=1
if (n502979 eq 2) tenure91=2
if ((n502979 ge 4 and n502979 le 6) and (n503060 eq 1 or n503060 eq 2))
     tenure91=3
if ((n502979 ge 4 and n502979 le 6) and n503060 gt 2) tenure91=4
if (n502979 gt 6) tenure91=5
*
var labels tenure91 'Housing tenure in 1991'
val labels tenure91 1 'owns outright' 2 'mortgage' 3 'social housing'
   4 'other rented' 5 'other' 99 'missing'
missing values tenure91 (99)
```

Frequency:

TENURE91 Housing tenure in 1991

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
owns outright	1.00	323	2.8	3.1	3.1
mortgage	2.00	7890	69.2	76.0	79.1
social housing	3.00	1589	13.9	15.3	94.4
other rented	4.00	499	4.4	4.8	99.2
other	5.00	85	.7	.8	100.0
missing	99.00	1021	9.0	Missing	
	Total	11407	100.0	100.0	

Valid cases 10386 Missing cases 1021