

## Living Arrangements

<b>Age Cohorts</b>	Younger
<b>Surveys</b>	Surveys 1 & 2
<b>Derived Variables:</b>	LiveWith
<b>Definition</b>	Current living arrangements.
<b>Source Items (Index Numbers)</b>	Survey 1: Question 67a-h (FAMF-001 to -007 & FAMF-028) Survey 2: Question 84a-k (FAMF-083 & FAMF-130 to -138)
<b>Statistical Form</b>	Categorical variable
<b>Prepared by:</b>	Anne Russell
<b>Index Number:</b>	FAMF-162
<b>Endorsed:</b>	24 April 2002

### Source Items - Surveys 1 & 2

Survey 1			Survey 2		
Item 67	Circle 1 number on each line		Who lives with you?	Item 84	Mark all that apply
	Yes	No			Yes
a	1	2	No-one, I live alone	a	<input type="radio"/>
b	1	2	Partner/spouse	b	<input type="radio"/>
c	1	2	Own children	c	<input type="radio"/>
d	1	2	Someone else's children	d	<input type="radio"/>
e	1	2	Parents		
			Mother	e	<input type="radio"/>
			Father	f	<input type="radio"/>
			Step-mother/step-father	g	<input type="radio"/>
f	1	2	Brothers/sisters	h	<input type="radio"/>
g	1	2	Other adult relatives	i	<input type="radio"/>
h	1	2	Other adults who are not family members	j	<input type="radio"/>
			I live in group accommodation (eg hall of residence, hostel etc)	k	<input type="radio"/>

#### ALSWH recodes - Survey 1

If no items are marked all items are coded to missing.

If part a is not marked and any other part of is answered Yes, then part a is recoded to No.

### ALSWH recodes - Survey 2

If no items are marked all items are coded to missing.

Items b-k: Data have been edited so that any marked item is coded to 1 and all unmarked items are coded to 0.

Item a: If this item was marked and no other items were marked then part a is coded to 1 and all other items are coded to 0. Item a is coded to 0 if any item from b to k was marked.

For surveys 1 and 2 there were 14 779 and 9 479 observations respectively with coded responses to all source items.

### Derived Variable

The source items were first used to construct interim variables describing major categories of people that participants lived with. Categories and the items used to define them are:

<b>Category based on:</b>	<b>Yes to these items on Survey 1</b>	<b>Yes to these item on Survey 2</b>
Lives with a partner	67b	84b
Lives with children	67c or 67d	84c or 84d
Lives with parents	67e	84e, 84f or 84g
Lives with other family members	67f or 67g	84h or 84i
Lives with non-family members	67h	84j or 84k

Frequencies for these categories are shown in Table 1.

**Table 1** Number and percent for interim variables at Survey 1 (n = 14 779) and Survey 2 (n = 9 479)

	<b>Survey 1</b>		<b>Survey 2</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Lives with a partner	3 465	23.8	4 780	50.4
Lives with children	1 625	11.2	1 891	20.0
Lives with parents	6 875	47.1	2 412	25.5
Lives with other family members	5 928	40.8	2 020	21.3
Lives with non-family members	3 386	23.3	1 755	18.5

Interim variables were used to derive LiveWith, comprising 16 categories for the patterns of living arrangements reported. Table 2 shows overall frequencies for categories of LiveWith at surveys 1 and 2. Table 3 shows all categories of LiveWith in terms of the interim variables.

**Table 2 Number and percent in each category of LiveWith at Surveys 1 and 2.**

Code	LiveWith	Survey 1		Survey 2	
		Number	Percent	Number	Percent
1	Lives Alone	875	5.9	594	6.1
2	Partner only	1 855	12.6	2 762	28.5
3	Partner and Children only	758	5.1	1 325	13.7
4	Partner, Children and Parents with/without Other family or Non-family	54	0.4	54	0.6
5	Partner and Children with Other family and/or Non-family	105	0.7	93	1.0
6	Partner and Parents with/without Other family or Non-family	217	1.5	158	1.6
7	Partner and Other family/Non-family	443	3.0	388	4.0
8	Children only	260	1.8	222	2.3
9	Children and Parents with/without Other family or Non-family	246	1.7	109	1.1
10	Children with Other family and/or Non-family	163	1.1	88	0.9
11	Parents only	1 634	11.1	799	8.3
12	Parents and Other family only	4 408	29.8	1 237	12.8
13	Parents with/without Other family or Non- family	216	1.5	55	0.6
14	Other family only	530	3.6	268	2.8
15	Other family and non-family only	152	1.0	72	0.7
16	Non-family only	2 426	16.4	1 255	13.0
99	<i>Missing</i>	437	3.0	204	2.1

**Table 3 Combinations of interim variables included in each category of LiveWith**

Code	Category	Alone	Partner	Children	Parents	Other Family	Non-family	Number	
								Survey 1	Survey 2
1	Lives Alone	Yes						875	594
2	Partner only		Yes					1 855	2 762
3	Partner and Children only		Yes	Yes				758	1 325
4	Partner, Children and Parents with/without Other family and Non-family		Yes	Yes	Yes	Yes	Yes	20	28
			Yes	Yes	Yes	Yes	Yes	28	23
			Yes	Yes	Yes	Yes	Yes	4	3
			Yes	Yes	Yes		Yes	2	
5	Partner and Children with Other family and/or Non-family		Yes	Yes		Yes	Yes	45	24
			Yes	Yes		Yes		54	62
			Yes	Yes		Yes	Yes	6	7
6	Partner and Parents with/without Other family/Non-family		Yes		Yes			82	83
			Yes		Yes		Yes	3	6
			Yes		Yes	Yes		123	66
			Yes		Yes	Yes	Yes	9	3
7	Partner and Other family/Non-family		Yes				Yes	330	246
			Yes			Yes		98	115
	<i>Continued next page</i>		Yes			Yes	Yes	15	27

**Table 3** (continued)

Code	Category	Alone	Partner	Children	Parents	Other Family	Non-family	Number	
								Survey 1	Survey 2
8	Children only			Yes				260	222
9	Children and Parents with/without Other family or Non-family			Yes	Yes			54	51
				Yes	Yes		Yes	9	3
				Yes	Yes	Yes		163	51
10	Children with Other family and/or Non-family			Yes	Yes	Yes	Yes	20	4
				Yes			Yes	94	47
				Yes		Yes		53	38
11	Parents only			Yes				1 634	799
				Yes	Yes	Yes		4 408	1 237
13	Parents with/without Other family or Non- family			Yes	Yes		Yes	70	14
				Yes	Yes	Yes	Yes	146	41
14	Other family only					Yes		530	268
15	Other family and non-family only					Yes	Yes	152	72
16	Non-family only						Yes	2 426	1 255
99	Missing	Missing	Missing	Missing	Missing	Missing	Missing	437	204

It is generally recommended that analysis of living arrangements be conducted using a categorical variable created by collapsing the codes for LiveWith as shown in Table 4. The recommended reference category is 'Parents only or Parents and/or Other family and/or Non- family' (code 7)

**Table 4 Variable recommended for analysis - LiveWith2**

LiveWith Code	LiveWith2		Number	
	Code	Category	Survey 1	Survey 2
1	1	Lives Alone	875	594
2	2	Partner only	1 855	2 762
3	3	Partner and Children only	758	1 325
4-7	4	Partner and any others	819	693
8	5	Children only	260	222
9 & 10	6	Children and/or Parents and/or Other family and/or Non-family	409	197
11, 12, 13 & 15	7	Parents only or Parents and/or Other family and/or Non- family	6 410	2 163
14	8	Other family only	530	268
16	9	Non-family only	2 426	1 255
99	99	<i>Missing</i>	437	204

LiveWith categories were constrained so that all combinations of partner, children and parents were retained. For analyses focussing on these components of living arrangements, collapse categories of LiveWith using the combinations of codes shown in Table 5.

**Table 5 Combinations of LiveWith codes used to define variables for living with a partner, living with children and living with parents.**

	LiveWith Code
Living with a partner	2-7
Not living with a partner	1, 8-16
Living with children	3-5, 8-10
Not living with children	1, 2, 6, 7, 11-16
Living with parents	4, 6, 9, 11-13
Not living with Parents	1-3, 5, 7, 8,10, 14-16

The SAS code defining who younger women live with at surveys 1 and 2 is:

```
Survey 1
/*****
Young 1 1996: who lives with you, based on Y1q67.
*****/;
/* Arrays used in Y1Livewith */;
array q67 {8} y1q67a y1q67b y1q67c y1q67d y1q67e y1q67f y1q67g y1q67h ;
array q67nota {7} y1q67b y1q67c y1q67d y1q67e y1q67f y1q67g y1q67h ;

/* Recode Living Alone (y1q67a) to No if y1q67a is Missing AND
any other part of y1q67 is answered Yes */;
do i = 1 to 7 ;
if q67nota {i} = 1 and y1q67a=. then y1q67a=2 ;
end ;
/*****
Livewith at Y2 was based on codes for q84 of 1=Yes and 0=No.
In order to duplicate the Livewith definition at Y1,
recode q67 with standard coding of 1=Yes and 2=No.
*****/;
do i=1 to 8 ;
if q67{i}=2 then q67{i}=0 ;
end ;
/* Summary variables for who the participant lives with */;
y1partner = y1q67b ;
y1parents = y1q67e ;
y1nonfamily = y1q67h ;

if y1q67c = 1 or y1q67d = 1 then y1children=1;
else if y1q67c = 0 and y1q67d = 0 then y1children=0;

if y1q67f = 1 or y1q67g = 1 then y1lothfamily=1;
else if y1q67f = 0 and y1q67g = 0 then y1lothfamily=0;

/* Array and count variable */;
array markers {5} y1partner y1children y1parents y1lothfamily y1nonfamily ;
totmarker = sum (of markers {*});

/**** Create Y1Livewith *****/;
if nmiss(of q67nota {*}) > 0 then y1livewith = 99 ;
else if y1q67a=0 and y1partner=0 and y1children=0 and y1parents=0 and
y1lothfamily=0 and y1nonfamily=0 then y1livewith = 99 ;
else if y1q67a=1 then y1livewith=1;
else if y1partner=1 then do ;
if totmarker=1 then y1livewith=2 ;
else if y1children = 1 then do ;
if totmarker=2 then y1livewith=3 ;
else if y1parents=1 then y1livewith=4 ;
else if y1parents=0 then y1livewith=5 ;
end ;
else if y1children = 0 then do ;
if y1parents=1 then y1livewith=6 ;
else if y1parents=0 then y1livewith=7 ;
end ;
end ;
else if y1partner=0 then do ;
if y1children=1 then do ;
if totmarker=1 then y1livewith=8 ;
else if y1parents=1 then y1livewith=9 ;
else if y1parents=0 then y1livewith=10 ;
end ;
else if y1children=0 then do ;
if y1parents=1 then do ;
if totmarker=1 then y1livewith=11 ;
else if y1lothfamily=1 and totmarker=2 then
y1livewith=12;
else if y1nonfamily = 1 then y1livewith=13 ;
end ;
else if y1parents=0 then do ;
if totmarker=1 and y1lothfamily = 1 then y1livewith=14 ;
else if totmarker=1 and y1nonfamily = 1 then
y1livewith=16 ;
else if y1lothfamily = 1 and y1nonfamily=1 then
y1livewith=15 ;
end ;
end ;
```

```

end ;
end ;
if y1livewith in (1,2,3,4) then y1livewith2 = y1livewith ;
else if y1livewith in (5,6,7) then y1livewith2 = 4 ;
else if y1livewith in (8) then y1livewith2 = 5 ;
else if y1livewith in (9,10) then y1livewith2 = 6 ;
else if y1livewith in (11,12,13,15) then y1livewith2 = 7 ;
else if y1livewith in (14) then y1livewith2 = 8 ;
else if y1livewith in (16) then y1livewith2 = 9 ;
else if y1livewith in (99) then y1livewith2 = 99 ;

Survey 2
/*****
Young 2 2000: who lives with you, based on Y1q84.
*****/;
/* Summary variables for who the participant lives with */;

y2partner = y2q84b ;

if y2q84c = 1 or y2q84d = 1 then y2children=1;
else if y2q84c = 0 and y2q84d = 0 then y2children=0;

if (y2q84e=1 or y2q84f=1 or y2q84g=1) then y2parents=1;
else if y2q84e=0 and y2q84f=0 and y2q84g=0 then y2parents=0;

if y2q84h = 1 or y2q84i = 1 then y2othfamily=1;
else if y2q84h = 0 and y2q84i = 0 then y2othfamily=0;

if y2q84j = 1 or y2q84k = 1 then y2nonfamily=1;
else if y2q84j = 0 and y2q84k = 0 then y2nonfamily=0;

/**** Create Y2Livewith ****/;
array q84nota {10} y2q84b y2q84c y2q84d y2q84e y2q84f y2q84g y2q84h y2q84i
y2q84j y2q84k ;
array markers {5} y2partner y2children y2parents y2othfamily y2nonfamily ;
totmarker = sum (of markers {*});

if nmiss(of q84nota {*}) = 10 then y2livewith = 99 ;
else if y2q84a=1 then y2livewith=1;
else if y2partner=1 then do ;
if totmarker=1 then y2livewith=2 ;
else if y2children = 1 then do ;
if totmarker=2 then y2livewith=3 ;
else if y2parents=1 then y2livewith=4 ;
else if y2parents=0 then y2livewith=5 ;
end ;
else if y2children = 0 then do ;
if y2parents=1 then y2livewith=6 ;
else if y2parents=0 then y2livewith=7 ;
end ;
end ;
else if y2partner=0 then do ;
if y2children=1 then do ;
if totmarker=1 then y2livewith=8 ;
else if y2parents=1 then y2livewith=9 ;
else if y2parents=0 then y2livewith=10 ;
end ;
else if y2children=0 then do ;
if y2parents=1 then do ;
if totmarker=1 then y2livewith=11 ;
else if y2othfamily=1 and totmarker=2 then y2livewith=12;
else y2livewith=13 ;
end ;
else if y2parents=0 then do ;
if totmarker=1 and y2othfamily = 1 then y2livewith=14 ;
else if totmarker=1 and y2nonfamily = 1 then
y2livewith=16 ;
else if y2othfamily = 1 and y2nonfamily=1 then
y2livewith=15 ;
end ;
end ;
end ;
end ;

if y2livewith in (1,2,3,4) then y2livewith2 = y2livewith ;
else if y2livewith in (5,6,7) then y2livewith2 = 4 ;

```



```
else if y2livewith in (8) then y2livewith2 = 5 ;  
else if y2livewith in (9,10) then y2livewith2 = 6 ;  
else if y2livewith in (11,12,13,15) then y2livewith2 = 7 ;  
else if y2livewith in (14) then y2livewith2 = 8 ;  
else if y2livewith in (16) then y2livewith2 = 9 ;  
else if y2livewith in (99) then y2livewith2 = 99 ;
```