

MEMBERS OF HOUSEHOLD

Christian name
for reference only

Inft.	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
<i>Christian name for reference only</i>	<i>Frank</i>	<i>Samuel</i>	<i>Charles</i>						
65-66	65-66	65-66	65-66	65-66	65-66				
Age last birthday	24	23	02	01					

$$0149 \times 52 ?$$

QUESTIONNAIRE ON HOUSEHOLD RESOURCES
&
STANDARDS OF LIVING IN THE UNITED KINGDOM
1967-68

- I Housing and Living Facilities
- II Employment
- III Occupational Facilities and Fringe Benefits
- IV Current Monetary Income
- V Assets and Savings
- VI Health and Disability
- VII Social Services
- VIII Private Income in Kind
- IX Style of Living

A Survey carried out from the University of Essex
and the University of London (L.S.E.)

Queries should be addressed to: Miss Sheila Benson
Skepper House
13 Endsleigh Street
London WC1

FOR OFFICE USE	A.H. 13/6/68.	Quarantine A.H. 13/6/68.	
SBC1***	TS1 AH TS2 C	PP	38.
✓	C C C C C C		
13/6/68	AH AH	PP PP PP	
13/6/68	AH	PP PP PP	

14 XSI C.I.C.

1	2	3	4	5	6	7	8	9
X	5	2	0	1	4	9	0	1

Name of Interviewer..... Barbara E. Jamison

SERIAL
NUMBER

Date(s) of interview(s)..... 27th May 1968.

Length of interview(s)

1 hour 30 minutes

or contacts.....

Total actual interviewing time.....

Form of introduction

"My name is X. I'm from Essex/London University. We're preparing a report (writing a book) about standards of living in Britain today and how families manage. We think it's important for the Government and everyone else to know what the facts really are. We're hoping to talk to about 3,000 families throughout the country and I'd be very grateful if you could help us by answering some questions. All our information is, of course, strictly confidential."

SUMMARY : COMPLETE AFTER INTERVIEW

1. Interview carried out at first call at second call at third or later call	10 X Y 0	3. Which sections were answered in whole or in part by which persons on the household?	Write Section 1, 2, 3, etc.	5. Number of other households at address	21
2. Information for household	11 X Y	Informant	13 14 15 16 17 18 19 20	None	0
(a) Sections	1 2 3 4 5 6 7 8 9	2nd member	21	6. Household living on	22
CODE ALL THAT APPLY	Housing Employment Occupational Income Assets Health Soc. Services Inc. in kind Style of living	3rd 4th 5th 6th	12 13 14 15 16 17 18 19 20	ground basement floor 1st floor 2nd floor 3rd floor 4th floor 5th or above Specify	1 2 3 4 5
(b) Reasons if incomplete	ill/disabled does not know information unwilling to give information other (specify)	Other (specify)	21 22 23	(a) Is there a lift in the building?	6 7
		Type of Accomm.	20 X Y 0 1 2 3 4	Yes No	8 9
					8

(i)

SECTION I HOUSING AND LIVING FACILITIES

I'd like to start by asking a few questions about your house/flat

(a) How many rooms are there - I mean for the sole use of the household?

number of living and dining-rooms (excluding bed-sitter) 01

number of kitchens 01

Is the kitchen large enough to eat in? Yes

No 2

*number of bedrooms (including bed-sitter)

*total number of living and dining and bedrooms (including kitchen if large enough to eat in)

(b) How many of these rooms are usually heated during the evenings in winter (whether by coal, gas or electric, paraffin stove or central heating)?

DK

24 25

02

26 27

04

28 29

04

X

30

X

01

1

2

3

4

05

6

7

8

Thus, *house*
is in the *yard*

31

01

Y

01

2

3

4

5

06

6

07

7

08

8

9

32

X

Y

0

1

2

03

3

4

5

33

X

0

1

2

2. Would you and your family like to have more rooms or fewer rooms in the home?

X* more than one room extra

Y an extra bedroom

0 an extra living room

CODE ONE 1 number of rooms about right

ONLY 2 one room fewer

3 two or more rooms fewer

4 DK

3. Is electricity laid on? yes, power points and lighting
yes, lighting only
No
DK

4. Has the household the sole or shared use of the following INDOOR facilities?

(a) A flush W.C.* X yes, sole use
Y yes, shared
0 none

PROMPT CODE ALL THAT APPLY (b) A sink or washbasin and cold water tap 1 yes, sole use
2 yes, shared
3 none

(c) A fixed bath or shower 4 yes, sole use
5 yes, shared
6 none

(d) A gas or electric cooker 7 yes, sole use
8 yes, shared
9 none

5. Does the household have the sole use or shared use of a garden or yard?

CODE ONE ONLY X sole use garden } ASK Q. 5(a)
Y sole use yard }
0 shared garden }
1 shared yard }
2 neither garden nor yard } SKIP TO Q.6.

(a) Is it - too small for the household to sit in the sun (e.g. smaller than 10 feet x 10 feet)
CODE ONE ONLY - at least big enough for the household to sit in the sun, but not equal in size to a tennis court
- substantial in size (e.g. equal in size to a tennis court or bigger)

6. One or two other questions about living here. Do you find the air in this neighbourhood clean or is it dirty, smoky or foul-smelling?

always dirty, smoky, foul-smelling
sometimes dirty, smoky or foul-smelling
not dirty, smoky or foul-smelling
DK

QUESTION 9

Exclude Bank Holidays in counting up holiday entitlement. List number of weeks to nearest week. Do not insert "½".

QUESTION 10 Occupation

See instructions above for Q. 7(b). Start by recording member of household in left-hand box (informant, 2nd, 3rd, etc.) and then carefully note occupation and industry or business. The office will code in the right-hand columns on the basis of your information. Avoid all vague terms, e.g. "engineer". If you find the answer too general or difficult to understand always ask "What do you do?" and write in the answer. In many households there will be only one or two persons who have been at work in the past twelve months. If necessary you can use all the space in the box just for one or two persons, providing it is clear to which person(s) the information applies.

QUESTION 11 Change of Job

Note that sub-questions (a) - (d) apply only to persons changing their jobs less than five years previously.

11(c). IRU, etc., means Industrial Rehabilitation Unit or any other Government training centre.

QUESTION 12 Training Course

Our object is to check on men taking a re-training or training course, whether or not they changed their job. Some men may have taken a course and gone back to their former job or employers. Others may be unemployed and yet have taken such a course.

QUESTION 13 Fall in Earnings

You may be asked what you mean by "big" fall. Accept whatever the informant thinks is big. Put the information in the box, including the approximate earnings previously as well as the subsequent earnings and code the extent of the fall in the right-hand columns.

*He has worked a
golsten
week and earning a
year per
he earned for 2/3
years*

CURRENT MONETARY INCOME

General

This section asks questions in turn of the employed, the self-employed and then everyone, including those who are not employed. Our object is to obtain reliable estimates of income, before and after tax, for each income unit in the household, both for "last week" and "the last 12 months".

Income Unit

This is any person aged 15 or over, or if in full-time education any person aged 19 or over, together with wife or husband (if she or he has one) and children under 15 (or aged 16-18 if in full-time education), if any. According to this definition a man, wife, and children aged under 15 count as one income unit, but a middle-aged widow and a son who is a university student, or an elderly widow and a single daughter of 40, count as two income units. A household consisting of man and wife with three single children who are all over 15 years of age and who are at work counts as four income units.

Allocating Income

Usually amounts of income can be entered in the appropriate column, according to the person receiving it. Do not enter any income twice. Do not, for example, enter a particular amount both for the wife and the husband. Nor need you split up any amount part of which is payable for a dependent wife or child. Thus, do not attempt to divide up the total of family allowances; enter the total in the wife's column. And enter an amount for sickness benefit, say, even if it includes sums for the wife and children, in the husband's column (if indeed it is he who receives it).

Gross and Net

In the first question you carefully ask for the last pay net of deductions and go on in the second question to establish what these deductions are. The answers to both questions effectively give gross and net earnings for the last period for which pay was received and you can build up further information in the questions that follow. You should be conscious of this distinction throughout the section. It will not always be possible to get information both for income after tax and income before tax. Remember that if you cannot get an answer for one you may be able to get it for the other. Make a note whenever you can. We can calculate in the office.

Last 12 months

Though you start by finding what was the last amount of pay received it is very important also to find what was the average pay during the previous 12 months and gradually build up the total income received by the income unit and the household in those months. You have already filled in a work-record and this will help you to answer several of the questions in the section.

QUESTION 1 Last earnings

Remember to check earnings for each member of the household, even those of a wife who had a job only a few weeks in the year, a young son who works only on Saturdays, and a retired man with a part-time job. Second or subsidiary earnings are dealt with in Q. 14. Note that each digit is ruled off from the next. Insert "0" in any column which does not apply. Please note also that we have allowed wider columns on these income pages so that you have enough room to write in figures. But note that you will have to indicate which member of the household received any income if you are obliged to use a fifth or sixth column.

QUESTION 2 Deductions

Don't forget that a total is better than nothing. If the informant is uncertain say, "I believe it is on your pay slip" and encourage him or her to check. We have asked you to put a tick if in fact you are shown a slip or the informant reads off the amounts. As before, the small boxes on the left are for you to identify the member of the household: "1st," "2nd," "3rd", etc.

National Insurance contributions

A male employee ordinarily pays 15s. 8d. and a female employee 13s. 2d. per week, although note that a married woman can elect to pay only 7d. per week to cover industrial injuries benefits. Boys under 18 pay 10s. 1d. and girls 8s. 5d. per week. Persons over 18 who are contracted out of the graduated pension scheme pay a higher flat rate insurance contribution of 18s. 1d. (men), 14s. 8d. (women).

Graduated pension contributions

The employee contributes 41 per cent of each pound of gross weekly earnings between the ninth and the eighteenth, i.e. approximately 11½d. for each of these pounds, plus ½ per cent for each pound between the 19th and the 30th, i.e. rather more than 1d. for each of these pounds. In fact a man with gross weekly earnings of £9 pays nothing, one with £13 pays 4s. 0d., one with £21 pays 9s. 0d., and one with £30, 9s. 9d. About one person in every five, however, is contracted out of the graduated pension scheme, but such persons nonetheless pay ½ per cent on each pound of gross earnings between the ninth and the 30th, or a maximum of 2s. 1d.

QUESTION 3 Highest and lowest

Check the number of weeks worked by turning up the work record. Some people's earnings will have varied only in one or two weeks of the year and it will not be difficult for you to establish an average in (b). Remember Q. 3(b) is very important. Other people's earnings may have varied widely, either because of changes of job or variations in overtime. Do not include variations due to holidays or sickness. If it is difficult to arrive at an average write in the box or in the margins, e.g. 10 weeks @ £15 10s., six weeks @ £18 15s. and 23 weeks @ £24 11s. We will work out the rest. Do not include weeks of holiday or sickness, which are explored later.

QUESTION 4 Bonuses

If a commission or bonus has been included in Q. 3 do not now amend the answer to that question. If the information is given for the first time write the amount in the box and also strike out "Before" or "After" Tax as appropriate.

QUESTION 20 Miscellaneous allowances and cash income

The various kinds of income have been laid out as compactly as possible but remember that two or more may need to be coded and you should prompt carefully. Underneath describe the type of allowance (so that we know to which code a particular amount refers) and the amount per week or per month. Ring either "1" or "2" depending on whether the allowance did in fact cover last week and strike out "Before" or "After" tax as appropriate. Make sure that in the case of allowances of husbands temporarily away from home that you have not already written in his earnings earlier as a member of the household. If you have do not write in any amount he pays. All we want here is any income which is not covered by earlier entries.

*1 or 2
Allowance for separated
policeman*

QUESTION 20(b) Allowances for separated and divorced wives

Some wives receive money direct from their husbands (or via the court). Others have court orders but these are signed over to the Supplementary Benefits Commission, which collects the money and pays the mother a standard weekly allowance. We therefore want to avoid counting the amount in Q. 20 if that amount is already included in the figure for supplementary benefit listed under Q. 15. We also want to be able to sort out irregular payments of both money from court orders and supplementary benefit. Check carefully in all these instances and write a note if anything needs clarification. Fatherless families form a small proportion of the total sample of households. Where money from court orders is paid irregularly and the mother claims weekly from the Supplementary Benefits Office she might not always claim the full amount, or may delay her claim in which case she loses benefit. Check to see if such loss is occurring.

QUESTION 21 Allowances and sums paid to others

This question complements some of the sub-questions in Q. 20. Here we are concerned to find out about all cash payments or allowances amounting to at least 10s. a week or £25 a year. Note that married children frequently pay rent or bills for elderly parents and old people sometimes make considerable cash gifts to their children. Examples are payments for grandchildren's clothing or holidays, payment of T.V. rentals and licence, cash gift for car.

QUESTION 22 Tax relief

Our object is to gain further evidence about reciprocal aid but also to help us in interpreting the figures for earnings and deductions given earlier. Note that you are not expected to probe for amounts.

QUESTION 23

Property income is considerable for a small percentage of informants and tends to be of two types: income from only one or two houses and income from a range of properties. With a few people considerable time may need to be spent on getting a reliable answer to this question. Net income after tax may not be known so we deliberately seek gross income before tax, then expenses, and only finally income after tax. You may not be able to get the third but make sure you get a figure for the first. It may also be difficult to secure a figure for expenses of rates and repairs but remember that property-owners will often know the total sums entered on their income tax returns. It may even be helpful to remind informants of this: "I mean the total like that in your income tax return — gross income less expenses." Note that many owner-occupiers and tenants rent rooms and flats to others in their accommodation. Do not count the rent from a boarder living in the household.

*House in england
the house of the
estate agent £150 per week*

QUESTION 25(a) Private and business accommodation

Count as "business" accommodation any accommodation which counts for purposes of offsetting tax. This may include a study room for some teachers, for example.

QUESTION 25(e) Rate rebate or reduction

Note that many councils pay rebates twice a year.

QUESTION 25(h) Mortgage

The informant may know the total sum paid in the previous year but not the division of the sum between interest and repayments of principal. Yet it is essential for us to find how much of the payment represents capital repayments and how much interest payments, because otherwise we cannot work out housing costs which are comparable with costs incurred by households paying rent. In many instances a monthly or annual payment slip will show the two amounts and the informant should be encouraged to look this up. Note that if the informant still **cannot** give you the answer we have provided certain questions on the right-hand side of the page which will allow us to make a reliable estimate. You should note certain details in the

- (a) source of loan or mortgage;
- (b) term of repayment;
- (c) number of years paid;
- (d) amount of loan.

Please make special note if the repayment of a mortgage is covered by an endowment policy and note the amount and frequency of the premium. As elsewhere put a tick in the small box or make a note if you are fortunate enough to be shown documents.

QUESTION 25(i) Value of house/flat

Ask for an estimate and only show Flashcard No. 3 if the informant hesitates in giving an answer and you judge that it would be appropriate. Always insert the code number as given on the Flashcard, even if you also obtain an exact estimate.

QUESTION 25(l) Government's Mortgage Scheme

Note that, broadly, this is advantageous only to a householder with relatively low income who does not expect to pay tax at the standard rate in the foreseeable future.

QUESTION 19 Housekeeping and board

The question refers to ALL INCOME RECEPENTS including pensioners, as well as earners, who contribute to the housekeeping expenses. Be careful that you probe for everyone in the house, including adolescent earners. Sometimes the actual sum available for housekeeping will be quite different from that suggested by the total income of the household. The husband or teenagers may retain quite large sums not only for their own use but because the pattern of responsibility in one household for expenditure may be different from that in another household which has the same composition. Housekeeping can be a touchy point if both husband and wife are present, and it is perhaps best dealt with by interviewing one of them on their own (the housewife preferably) and, if possible, checking later with the other (the husband). If both husband and wife are present avoid expressing any surprise or criticism if you think the housekeeping is small. Also avoid indicating any opinion on the question of whether wage-earners should pay bills. Try to imply that all arrangements are equally possible. We have listed the common ones, but there will be others. REMEMBER TO CODE EACH INCOME RECIPIENT.

QUESTION 19 (b) Money back

This can be daily fares, insurances or clubs paid, dinner money, or simply "spending money". Some teenagers hand over their wages but get clothing bought. Usually this question will apply to teenagers, but some husbands may get money from the housekeeping for their cigarettes and beer mid-week.

QUESTION 19 (c) Payment of housekeeping bills

Often the husband will pay some larger bills, but alternatively he may pay housekeeping but expect to "help out" if a heavy bill comes in. We realise that an estimate may be rough but try to get an average contribution. Teenage children may buy food as "treats" for the household from the money they retain. Again try for an average.

QUESTION 20 Long-term saving

We are not interested in asking here whether the informant has savings (that was asked in Section V). Nor are we interested here in asking for short-term saving. Instead the question explores whether at the present time the informant manages to put aside savings for a long-term objective.

QUESTION 21 Ten years ago

To give us some idea of fluctuating fortunes we ask what things were like ten years ago. Some persons aged 35 or over will have been at home in their parents' households ten years ago and therefore we have to find what was the composition of the household. In any case, we require an estimate of the total money flowing into the household, and the number of adults and children that were supported at that time. Give the informant time to recollect. And check that income includes pensions, family allowances, etc. Fortunately, the informant will already have some idea of what you are after from the detailed questions asked earlier.

ASK CHIEF WAGE EARNER/H.O.H. CODE C.W.E./H.O.H. ONLY
 23. Do you think you could GENUINELY say
you are poor now? — X Does Not Apply SKIP TO Q.24

PROMPT AND CODE Y all the time } ASK Q.23(a)
 ONE ONLY 0 sometimes }
 I never } SKIP TO Q.24
 2 DK

(a) Do you feel poor at any of these times 3 at weekends
 or in any of these situations? 4 mid-week
 5 at Christmas
 PROMPT AND 6 with some of your friends
 CODE ALL THAT 7 with some of your relatives
 APPLY 8 with some of the people round here
 9 other (SPECIFY)

FOR CHIEF WAGE EARNER/H.O.H. CODE C.W.E./H.O.H. ONLY
 24. (a) There's been a lot of talk about Does Not Apply SKIP TO
 poverty. Do you think there's such a Q.25
 thing as REAL poverty these days? * yes
 no
 DK

(b) What would you describe as poverty?

WRITE IN ANSWER

Having no coat, no food and
 behind in the rent

(c) Would you say that if people are in poverty its mainly
 X - their own fault?
 Y - the Government's fault?
 0 - the fault of their education?
 PROMPT I - the fault of Industry not providing the right jobs?
 AND CODE 2 - anything else? (SPECIFY)
 ONE ONLY
 3 - a combination of (some of) these?
 4 - none of these?
 5 DK

ASK CHIEF WAGE EARNER AND HOUSEWIFE ABOUT ALL AGED 23 AND OVER
 25. Do you mind telling me if you voted in the last CODE
 General Election (I don't mean who you voted for, ALL AGED
 just whether you voted)? * 23 & OVER
 yes, voted
 no
 DK
 DNA

ASK CHIEF WAGE EARNER/H.O.H. CODE C.W.E./H.O.H. ONLY
 26. If there is poverty what do you think nothing
 can be done about it? DK

WRITE IN ANSWER

More work for the people.
 and more pay for the
 workers.

Int'l	2nd	3rd	4th	5th	6th	7	8	9	10
71	71	71	71	71	71	71	71	71	71
X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	0	0	0	0	0	0	0	0	0
I	I	I	I	I	I	I	I	I	I
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9
72	72	72	72	72	72	72	72	72	72
X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	0	0	0	0	0	0	0	0	0
I	I	I	I	I	I	I	I	I	I
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
73	73	73	73	73	73	73	73	73	73
X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	0	0	0	0	0	0	0	0	0
I	I	I	I	I	I	I	I	I	I
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
74	74	74	74	74	74	74	74	74	74
X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	0	0	0	0	0	0	0	0	0
I	I	I	I	I	I	I	I	I	I
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
75	75	75	75	75	75	75	75	75	75
X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	4	4	4	4	4	4	4	4	4
76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77
1	1	1	1	1	1	1	1	1	1
78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79
(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

FB

INTERVIEWER PLEASE CODE ALL THAT APPLY AFTER INTERVIEW

(a) Household in which there is a child, one of whose parents is not resident

(b) Household consisting of woman and adult dependants

(c) Household in which there are five or more dependent children

(d) Household containing an adult who has been unemployed for eight weeks (consecutively or in last 12 months)

(e) Household containing an adult under 65 years of age who has been ill or injured for eight weeks (consecutively or in last 12 months)

(f) Household containing a disabled adult under 65

(a) disabled

(b) borderline disabled

(g) Household containing a disabled or handicapped child (including child ill or injured for eight weeks or more)

(h) Household containing a person aged 65 or over who has been bedfast or ill for eight weeks or more or who is otherwise severely incapacitated

(i) Household in which there are

(a) earners, none earning £12 a week or more

(b) adult male earners (aged 21 to 64) earning less than £14 a week

(j) Household in which there are persons who are

(a) non-white

(b) born in Eire

67
X
Y
0
(1)
2
3
4
5
6
7
8
68
X
Y

A.H.

COMPOSITION OF HOUSEHOLD: CODES (Q. 10, p. 3)

One generation		
Man alone: aged 60 or over	101	
Man alone: aged under 60	102	
Woman alone: aged 60 or over	103	
Woman alone: aged under 60	104	
Husband and wife: both aged 60 or over	105	
Husband and wife: both aged under 60	106	
Husband and wife: both aged under 60	107	
Man and woman: otherwise related	108	
Man and woman: unrelated	109	
Two or more men only: related	110	
Two or more men only: unrelated	111	
Two or more women only: related	112	
Two or more women only: unrelated	113	
Other (SPECIFY) ...	114	
Two generation		
Man, wife: + 1 child under 15	201	
Man, wife: + 2 children both under 15	202	
Man, wife: + 3 children all under 15	203	
Man, wife: + 4 or more children all under 15	204	
Man, wife: + children, at least 1 under 15 and at least 1 over 15, none married	205	
Man, wife: + children all aged 15-24, none married	206	
Man, wife: + children all over 15, at least 1 aged 25 or over, none married	207	
Man and one child under 15	208	
Man and two children both under 15	209	
Man and three or more children under 15	210	
Man and children at least one under and one over 15, none married	211	
Man and children all aged 15-24, none married	212	
Man and children all over 15 at least one 25 or over, none married	213	
Woman: and one child under 15	214	
Woman: and two children both under 15	215	
Woman: and three or more children under 15	216	
Woman: and children, at least one under and one over 15, none married	217	
Woman: and children, all aged 15-24, none married	218	
Woman: and children all over 15, at least one 25 or over, none married	219	
Man: and widowed or separated son	220	
Three generation		
Man, son and d-in-law, grandchildren: all under 15	221	
Man, son and d-in-law, grandchildren: at least one under 15 and one over 15	222	
Man, daughter & son-in-law, grandchildren: all under 15	223	
Otherwise two generations: all related	224	
Otherwise two generations: at least one person not related to any other	225	
Other (SPECIFY) ...	226	
Four generation		401
DESCRIBE COMPOSITION BELOW		