

Australia

ISSP 2009 Australia

Please name the ISSP module which the documentation refers to (e.g., "Work Orientations III / ISSP2005"):

Social Inequality IV / ISSP 2009

Please name your country:

Australia

SEX - Sex of respondent

	National Language	English Translation
<i>Question no. and text</i>	K1 Firstly, are you ...	K1 Firstly, are you ...
<i>Codes/ Categories</i>	1 Female	1 Female
	2 Male	2 Male
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Construction/Recoding:

Country Variable Codes (in translation)	→ SEX
if K1=2 then SEX=1	1. Male
if K1=1 then SEX=2	2. Female
if K1=-1 then SEX=9	9. No answer, refused

AGE - Age of respondent

	National Language	English Translation
<i>Question no. and text</i>	K2 When were you born? Just the year will do.	K2 When were you born? Just the year will do.
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	Lower age cut-off of the sample was 18 but there are 3 cases outside the scope of the sample (age 17). Age was only estimated using year of birth (2009-year of birth). Depending on when the respondent's day and month of birth was and when they completed the survey, they may have been a year younger than calculated.	

Construction/Recoding: (list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers)

	Country Variable Codes/Construction Rules	→AGE
<i>Construction</i>		
<i>Codes</i>	17 years old	[17]
	93 years old	[93]
	AGE = (2009-K2)	
	if K2=-1 then AGE = 99	99. No answer, refused

Optional: Recoding Syntax

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MARITAL - R: Marital status

	National Language	English Translation
<i>Question no. and text</i>	K31 What is your current marital status?	K31 What is your current marital status?
<i>Codes/ Categories</i>	1 Single, never married	1 Single, never married
	2 De facto	2 De facto
	3 Married	3 Married
	4 Divorced	4 Divorced
	5 Separated but not divorced	5 Separated but not divorced
	6 Widowed	6 Widowed
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	In the construction of the marital variable, the category of ' <i>Single, never married</i> ' includes respondents who may have been previously married but are now living in a de facto relationship. The label 'single, never married' is therefore not strictly appropriate.	

Construction/Recoding:

Country Variable Codes/Construction Rules	→ Marital
if K31=3 then MARITAL = 1	1. Married, living with legal spouse
if K31=6 then MARITAL = 2	2. Widowed
if K31=4 then MARITAL = 3	3. Divorced
if K31=5 then MARITAL = 4	4. Separated (married but separated / not living with legal spouse)
if K31=1 or 2 then MARITAL = 5	5. Single, never married
if K31=-1 then MARITAL=9	9. No answer, refused

Optional: Recoding Syntax

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COHAB – R: Steady life-partner

	National Language	English Translation
<i>Question no. and text</i>	K32 Do you live together with a partner?	K32 Do you live together with a partner?
<i>Codes/ Categories</i>	1 Yes	1 Yes
	2 No	2 No
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→ COHAB
if K32=1 then COHAB=1	1. Yes
if K32=2 then COHAB=2	2. No
if K32=-1 then COHAB=9	9. No answer, refused
if MARITAL=1 then COHAB=0	0. NAP (living together with spouse - Code 1 in MARITAL, no partner)

Optional: Recoding Syntax

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EDUCYRS - R: Education I: years in school

	National Language	English Translation
<i>Question no. and text</i>	K3 All up, how many years of education have you completed?	K3 All up, how many years of education have you completed?
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>	Please include all primary and secondary schooling, and studies you've undertaken after high school (i.e. TAFE and university) If your study was part-time, give the number of years of equivalent full-time study	Please include all primary and secondary schooling, and studies you've undertaken after high school (i.e. TAFE and university) If your study was part-time, give the number of years of equivalent full-time study
<i>Translation Note</i>		
<i>Note</i>		
<i>Question no. and text</i>	K4 What is the highest level of high school education you have completed?	K4 What is the highest level of high school education you have completed?
<i>Codes/ Categories</i>	1 Did NOT go to school 2 Did NOT complete High School to Year 10 3 Completed High School to Year 10 4 Completed High School to Year 12 5 Still at High School	1 Did NOT go to school 2 Did NOT complete High School to Year 10 3 Completed High School to Year 10 4 Completed High School to Year 12 5 Still at High School
<i>Interviewer Instruction</i>	If "Still at High School" go to question K8	If "Still at High School" go to question K8
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding: (list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers)

Country Variable Codes/Construction Rules	→ EDUCYRS
1	[1]
27	[27]
if K4=5 then EDUCYRS=95	95. Still at school
- not used-	96. Still at College/University
if K4=1 then EDUCYRS=97	97. No formal schooling
- not used-	98. Don't know
if K3=-1 or K3=0 then EDUCYRS=99	99. No answer, refused
- not used-	00. NAV

Optional: Recoding Syntax

```
gen educyrs=k3
replace educyrs=95 if k4==5 //Still at school
replace educyrs=97 if k4==1 //Did not go to school
replace educyrs=99 if k3==-1 //No answer
replace educyrs=99 if k3==0 & k4!=1
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DEGREE – R: Education II: categories

	National Language	English Translation
<i>Question no. and text</i>	K4 What is the highest level of high school education you have completed?	K4 What is the highest level of high school education you have completed?
<i>Codes/ Categories</i>	1 Did NOT go to school	1 Did NOT go to school
	2 Did NOT complete High School to Year 10	2 Did NOT complete High School to Year 10
	3 Completed High School to Year 10	3 Completed High School to Year 10
	4 Completed High School to Year 12	4 Completed High School to Year 12
	5 Still at High School	5 Still at High School
<i>Interviewer Instruction</i>	If "Still at High School" skip to K8	If "Still at High School" skip K8
<i>Translation Note</i>		
<i>Note</i>		
<i>Question no. and text</i>	K5 What is the highest level of education you have completed since leaving high school?	K5 What is the highest level of education you have completed since leaving high school?
<i>Codes/ Categories</i>	1 None	1 None
	2 Trade qualification or apprenticeship	2 Trade qualification or apprenticeship
	3 Certificate or Diploma (TAFE or business college)	3 Certificate or Diploma (TAFE or business college)
	4 Bachelor Degree (including Honours)	4 Bachelor Degree (including Honours)
	5 Postgraduate Degree or Postgraduate Diploma	5 Postgraduate Degree or Postgraduate Diploma
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

Question K4: Ask all

Question K5: To be answered by those not still at school (code 1-4 at question K4)

Construction/Recoding:

Country Variable Codes/Construction Rules	→DEGREE
if K4=1 or 2 then DEGREE=0	0. No formal qualification
if K4=3 or 5 then DEGREE=1	1. Lowest formal qualification attainable
- not used -	2. Qualifications which are above the lowest qualification, but below the usual entry requirement for universities (intermediary secondary completed)

if K4=4 then DEGREE=3	3. (Usual) Entry requirement for universities (higher secondary completed: the German Abitur, the French Bac, English A-level, etc.)
if K5=2 or 3 then DEGREE=4	4. Qualifications which are above the higher secondary level, but below a full university degree
if K5=4 or 5 then DEGREE=5	5. University degree completed
if K5=-1 then DEGREE=9 if K5=1 & K4=-1 then DEGREE=9	9. No answer

Optional: Recoding Syntax

<pre> gen degree=. replace degree=0 if inlist(k4,1,2) //No school or less than year 10 replace degree=1 if inlist(jk,3,5) //Lowest formal qual. = Year 10 replace degree=3 if inlist(k4,4) //Year 12 replace degree=4 if inlist(k5,2,3) //Trade/Certificate or diploma replace degree=5 if inlist(k5,4,5) //University replace degree=9 if inlist(k5,-1) //Missing replace degree=9 if k5==1 & inlist(k4,-1) //Missing </pre>

nat_DEGR - Country-specific degrees of education

	National Language	English Translation
<i>Question no. and text</i>	K4 What is the highest level of high school education you have completed?	K4 What is the highest level of high school education you have completed?
<i>Codes/ Categories</i>	1 Did NOT go to school	1 Did NOT go to school
	2 Did NOT complete High School to Year 10	2 Did NOT complete High School to Year 10
	3 Completed High School to Year 10	3 Completed High School to Year 10
	4 Completed High School to Year 12	4 Completed High School to Year 12
	5 Still at High School	5 Still at High School
<i>Interviewer Instruction</i>	If "Still at High School" go to question K8	If "Still at High School" go to question K8
<i>Translation Note</i>		
<i>Note</i>		
<i>Question no. and text</i>	K5 What is the highest level of education you have completed since leaving high school?	K5 What is the highest level of education you have completed since leaving high school?
<i>Codes/ Categories</i>	1 None	1 None
	2 Trade qualification or apprenticeship	2 Trade qualification or apprenticeship
	3 Certificate or Diploma (TAFE or business college)	3 Certificate or Diploma (TAFE or business college)
	4 Bachelor Degree (including Honours)	4 Bachelor Degree (including Honours)
	5 Postgraduate Degree or Postgraduate Diploma	5 Postgraduate Degree or Postgraduate Diploma
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

Question K4: Ask all

Question K5: To be answered by those not still at school (code 1-4 at question K4)

Construction/Recoding:

Country Variable Codes/Construction Rules	→ nat_DEGR
if K4=1 or 2 then AU_DEGR=1	1. Did not complete High School to Year 10
if K4=3 or 5 then AU_DEGR=2	2. Completed High School to Year 10
if K4=4 then AU_DEGR=3	3. Completed High School to Year 12
if K5=2 then AU_DEGR=4	4. Trade qualification or apprenticeship
if K5=3 then AU_DEGR=5	5. Certificate or Diploma (TAFE or business college)
if K5=4 then AU_DEGR=6	6. Bachelor Degree (including Honors)
if K5=5 then AU_DEGR=7	7. Postgraduate Degree or Postgraduate Diploma

if K4=-1 and K5=-1 then AU_DEGR=9 if K5=1 & K4=-1 then DEGREE=9	99. NA
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Optional: Recoding Syntax

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gen au_degr=.
replace au_degr=1 if inlist(k4,1,2) //No school or less than year 10
replace au_degr=2 if inlist(k4,3,5) //Lowest formal qual. = Year 10
replace au_degr=3 if inlist(k4,4) //Year 12
replace au_degr=4 if inlist(k5,2) //Trade
replace au_degr=5 if inlist(k5,3) //Certificate or Diploma
replace au_degr=6 if inlist(k5,4) //Bachelors
replace au_degr=7 if inlist(k5,5) //Postgraduate
replace au_degr=99 if inlist(k5,-1) //Missing
replace au_degr=99 if k5=1 & inlist(k4,-1) //Missing

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ISSP 2009 Australia

WRKST - Current employment status, main source of living

	National Language	English Translation
<i>Question no. and text</i>	K8 Which of the following best describes what you were doing last week?	K8 Which of the following best describes what you were doing last week?
<i>Codes/ Categories</i>	1 Working for pay or self-employed	1 Working for pay or self-employed
	2 Unemployed – looking for work	2 Unemployed – looking for work
	3 Retired from paid work	3 Retired from paid work
	4 A full-time school or university student	4 A full-time school or university student
	5 Household duties	5 Household duties
	6 Helping a family member	6 Helping a family member
	7 Living with a disability	7 Living with a disability
	8 Other (please specify)	8 Other (please specify)
<i>Interviewer Instruction</i>	Please cross one box only	Please cross one box only
<i>Translation Note</i>		
<i>Note</i>	Category 1 (Working for pay or self employed) should have been split into 3 (working full time, working part, working casually). As this was overlooked, it has been imputed from K12 (work hours) whether the respondent was working full time or part time.	
	National Language	English Translation
<i>Question no. and text</i>	K12 How many hours do you usually work each week in all jobs? Please include regular overtime.	K12 How many hours do you usually work each week in all jobs? Please include regular overtime.
<i>Codes/ Categories</i>		
<i>Note</i>	Respondents who worked 35 hours or more per week are imputed to be working full time, those working less than 35 hours per week are imputed to be working part time. There were 11 cases where the respondent was working but did not give the number of hours they worked (K12 was missing or equal to zero). They were assumed to work full-time.	

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→WRKST
if K8=1 and K12>= 35 then WRKST=1	1. Empl. full time
if K8=1 and K12<35 then WRKST=2	2. Empl. part time
- not used -	3. Empl. < part time / temp. out of work
if K8=6 then WRKST=4	4. Helping family member
if K8=2 then WRKST=5	5. Unemployed
if K8=4 then WRKST=6	6. Student / in school / in vocat. Training
if K8=3 then WRKST=7	7. Retired

if K8=5 then WRKST=8	8. Housewife / home duties
if K8=7 then WRKST=9	9. Permanently disabled
if K8=8 then WRKST=10	10. Others not in labour force
- not used -	98. Don't know
if K8=-1 then WRKST=99	99. No answer
- not used -	0. NAV

Optional: Recoding Syntax

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gen wrkst=.
replace wrkst=1 if k8==1 & k12>=35           //Working full-time
replace wrkst=2 if k8==1 & k12<35 & k12>=1 //Working part-time
replace wrkst=4 if k8==6                     //Helping a family member
replace wrkst=5 if k8==2                     //Unemployed
replace wrkst=6 if k8==4                     //Studying
replace wrkst=7 if k8==3                     //Retired
replace wrkst=8 if k8==5                     //Housewife
replace wrkst=9 if k8==7                     //Disabled
replace wrkst=10 if k8==8                    //Other, NB. some could in labour force but on holiday
replace wrkst=99 if k8==-1
tab wrkst,m

*11 cases working for pay or self employed but number of hours worked is either missing or zero.
*Assume work full-time
replace wrkst=1 if wrkst==. & k8==1

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WRKHRS - Weekly working hours

	National Language	English Translation
<i>Question no. and text</i>	K12 How many hours do you usually work each week in all jobs? Please include regular overtime.	K12 How many hours do you usually work each week in all jobs? Please include regular overtime.
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding: (list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers)

Country Variable Codes/Construction Rules	→WRKHRS
1 hour	[1]
112 hours	[112]
WRKHRS=question K12	
if K12>96 then WRKHRS=96	96. 96 hrs and more
- not used -	97. Refused
- not used -	98. Don't know, cant say, varies too much
if K12=-1 or 0 then WRKHRS=99	99. No answer
if WRKST>4 then WRKHRS=0	00. NAV, NAP (currently not in labour force - Code 5-10 in WRKST)

Optional: Recoding Syntax

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ISCO88 - R: Occupation ISCO 1988

Please give the text of the source question(s) on the respondent's occupation used in your field questionnaire. If ISCO88-codes are not coded directly from the responses, but derived from a country-specific occupation coding scheme, please provide a table of correspondence between country-specific and ISCO88 codes *attached as a separate file*. Please report which kind of ISCO code you apply. The most common ones are the code developed by the International Labour Organisation (ILO) and the variant developed for the European Union (EU), ISCO-COM. If you apply another variant such as ISCO88-CIS developed by the Statistical Committee of the Commonwealth of Independent States, then please specify.

Please do **not** enter **standard** ISCO88 codes here. But please report if your country **adds** or **changes** codes compared to ISCO88, if any.

	National Language	English Translation
<i>Question no. and text</i>	K9 What kind of work do you (or did you) do in your main job? Please give your full job title, and as much detail as you can. Job title:	K9 What kind of work do you (or did you) do in your main job? Please give your full job title, and as much detail as you can. Job title:
<i>Interviewer Instruction</i>	For public servants, state official designation and occupation. For armed services personnel, state rank and occupation. If you are unemployed, retired or had a job in the past, please tell us about your last main paid job. If you have NEVER worked for pay, please go to question K17	For public servants, state official designation and occupation. For armed services personnel, state rank and occupation. If you are unemployed, retired or had a job in the past, please tell us about your last main paid job. If you have NEVER worked for pay, please go to question K17
<i>Question no. and text</i>	K10 What are (or were) the main tasks that you usually perform? Please give full details. Main tasks:	K10 What are (or were) the main tasks that you usually perform? Please give full details. Main tasks:
<i>Interviewer Instruction</i>		
<i>Question no. and text</i>	K11 And what industry do you (or did you) work in? Industry:	K11 And what industry do you (or did you) work in? Industry:
<i>Interviewer Instruction</i>	By industry, we mean the type of business or service performed where you work or worked (e.g. Commonwealth government, hairdressing, construction, hospitality)	By industry, we mean the type of business or service performed where you work or worked (e.g. Commonwealth government, hairdressing, construction, hospitality)
<i>Codes/ Categories deviating from ISCO88 /</i>		

<i>ISCO88-COM</i>		
<i>Translation Note</i>		
<i>Note</i>	<p>The above three questions were used to code the variable k9_anzsco_l3 (unit group level) and k9_anzsco_l4 (occupation level) according to the Australian Bureau of Statistic's Australian and New Zealand Standard Classification of Occupations (ANZSCO) First Edition, 2006.</p> <p>The recoding of occupations from ANZSCO to ISCO-88 took place in 3 stages.</p> <ol style="list-style-type: none"> 1. ANSCO codes were recoded to ISCO-88 codes at the occupation level (6 digit ANZSCO codes) if there was a direct match. 2. If a respondent had not been coded up to the occupation level, or if there was No direct match at the occupation level, ANZSCO codes were recoded at the unit group level (4 digit ANZSCO codes). 3. If a recode was not possible in either steps 1 or 2 above, occupations were coded manually to ISCO-88 codes by referring to the original responses and descriptions of the occupations as provided by the respondent. 	
<i>Use of ISCO</i>	<p>ISCO88 (ILO) <input checked="" type="checkbox"/></p> <p>ISCO88-COM (EU variant)</p> <p>Other ISCO88 variant →please specify</p> <p>_____</p>	

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/ Construction Rules	➔ ISCO88
if K9_ANZSCO_4=0 then ISCO88=9996	9996 Not classif; inadeq described
- not used -	9997 Refused
- not used -	9998 Dont know
if K9_ANZSCO_4=-1 then ISCO88=9999	9999 Na
- not used -	0000 NAP,NAV

Optional: Recoding Syntax

<pre>gen isco88=. *ISCO88 CODING- AT THE OCCUPATION LEVEL ***** replace isco88=1110 if k9_anzsco_l4==111311 replace isco88=1110 if k9_anzsco_l4==111312 replace isco88=1110 if k9_anzsco_l4==111399 replace isco88=1221 if k9_anzsco_l4==133511 replace isco88=1222 if k9_anzsco_l4==133512 replace isco88=1222 if k9_anzsco_l4==133513 replace isco88=1228 if k9_anzsco_l4==139912 replace isco88=1229 if k9_anzsco_l4==134111 replace isco88=1229 if k9_anzsco_l4==134211 replace isco88=1229 if k9_anzsco_l4==134212 replace isco88=1229 if k9_anzsco_l4==134213 replace isco88=1229 if k9_anzsco_l4==134214 replace isco88=1229 if k9_anzsco_l4==134299 replace isco88=1229 if k9_anzsco_l4==134311 replace isco88=1229 if k9_anzsco_l4==134411 replace isco88=1229 if k9_anzsco_l4==134412 replace isco88=1229 if k9_anzsco_l4==139911 replace isco88=1229 if k9_anzsco_l4==139915 replace isco88=1229 if k9_anzsco_l4==212111 replace isco88=1229 if k9_anzsco_l4==212112 replace isco88=1231 if k9_anzsco_l4==132211 replace isco88=1231 if k9_anzsco_l4==221211 replace isco88=1231 if k9_anzsco_l4==221212 replace isco88=1232 if k9_anzsco_l4==132311 replace isco88=1233 if k9_anzsco_l4==131112 replace isco88=1234 if k9_anzsco_l4==131111 replace isco88=1234 if k9_anzsco_l4==224213 replace isco88=1236 if k9_anzsco_l4==135111 replace isco88=1236 if k9_anzsco_l4==135112 replace isco88=1236 if k9_anzsco_l4==135199 replace isco88=1237 if k9_anzsco_l4==132511 replace isco88=1239 if k9_anzsco_l4==133211 replace isco88=1239 if k9_anzsco_l4==139112 replace isco88=1239 if k9_anzsco_l4==139113 replace isco88=1239 if k9_anzsco_l4==139914 replace isco88=1312 if k9_anzsco_l4==133411 replace isco88=1314 if k9_anzsco_l4==133312 replace isco88=1314 if k9_anzsco_l4==142112 replace isco88=1315 if k9_anzsco_l4==141911 replace isco88=1316 if k9_anzsco_l4==149411 replace isco88=1316 if k9_anzsco_l4==149413 replace isco88=1317 if k9_anzsco_l4==149211 replace isco88=1317 if k9_anzsco_l4==149212 replace isco88=1317 if k9_anzsco_l4==149914 replace isco88=1318 if k9_anzsco_l4==142114 replace isco88=1318 if k9_anzsco_l4==149112</pre>
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replace isco88=1318 if k9_anzsco_l4==149911
replace isco88=1319 if k9_anzsco_l4==133311
replace isco88=1319 if k9_anzsco_l4==139913
replace isco88=1319 if k9_anzsco_l4==141211
replace isco88=1319 if k9_anzsco_l4==142113
replace isco88=1319 if k9_anzsco_l4==142115
replace isco88=1319 if k9_anzsco_l4==142116
replace isco88=1319 if k9_anzsco_l4==149111
replace isco88=1319 if k9_anzsco_l4==149113
replace isco88=1319 if k9_anzsco_l4==149311
replace isco88=1319 if k9_anzsco_l4==149412
replace isco88=1319 if k9_anzsco_l4==149912
replace isco88=1319 if k9_anzsco_l4==149913
replace isco88=2111 if k9_anzsco_l4==234914
replace isco88=2112 if k9_anzsco_l4==234913
replace isco88=2113 if k9_anzsco_l4==234211
replace isco88=2113 if k9_anzsco_l4==251512
replace isco88=2114 if k9_anzsco_l4==234411
replace isco88=2114 if k9_anzsco_l4==234412
replace isco88=2121 if k9_anzsco_l4==224111
replace isco88=2121 if k9_anzsco_l4==224112
replace isco88=2122 if k9_anzsco_l4==224113
replace isco88=2131 if k9_anzsco_l4==261111
replace isco88=2131 if k9_anzsco_l4==261112
replace isco88=2131 if k9_anzsco_l4==262111
replace isco88=2131 if k9_anzsco_l4==263111
replace isco88=2131 if k9_anzsco_l4==263113
replace isco88=2132 if k9_anzsco_l4==261311
replace isco88=2132 if k9_anzsco_l4==261312
replace isco88=2132 if k9_anzsco_l4==261399
replace isco88=2139 if k9_anzsco_l4==232414
replace isco88=2139 if k9_anzsco_l4==261211
replace isco88=2139 if k9_anzsco_l4==261212
replace isco88=2139 if k9_anzsco_l4==262112
replace isco88=2139 if k9_anzsco_l4==262113
replace isco88=2139 if k9_anzsco_l4==263112
replace isco88=2139 if k9_anzsco_l4==263211
replace isco88=2139 if k9_anzsco_l4==263212
replace isco88=2139 if k9_anzsco_l4==263213
replace isco88=2139 if k9_anzsco_l4==263299
replace isco88=2141 if k9_anzsco_l4==232111
replace isco88=2141 if k9_anzsco_l4==232112
replace isco88=2141 if k9_anzsco_l4==232611
replace isco88=2142 if k9_anzsco_l4==233211
replace isco88=2142 if k9_anzsco_l4==233212
replace isco88=2142 if k9_anzsco_l4==233214
replace isco88=2142 if k9_anzsco_l4==233215
replace isco88=2143 if k9_anzsco_l4==233311
replace isco88=2144 if k9_anzsco_l4==233411
replace isco88=2144 if k9_anzsco_l4==263311
replace isco88=2144 if k9_anzsco_l4==263312
replace isco88=2145 if k9_anzsco_l4==233512
replace isco88=2145 if k9_anzsco_l4==233911
replace isco88=2145 if k9_anzsco_l4==233916
replace isco88=2146 if k9_anzsco_l4==233111
replace isco88=2146 if k9_anzsco_l4==234212
replace isco88=2147 if k9_anzsco_l4==233611
replace isco88=2147 if k9_anzsco_l4==233612
replace isco88=2147 if k9_anzsco_l4==234912
replace isco88=2148 if k9_anzsco_l4==232211
replace isco88=2148 if k9_anzsco_l4==232212
replace isco88=2149 if k9_anzsco_l4==233112
replace isco88=2149 if k9_anzsco_l4==233213
replace isco88=2149 if k9_anzsco_l4==233511
replace isco88=2149 if k9_anzsco_l4==233513
replace isco88=2149 if k9_anzsco_l4==233913

```

```
replace isco88=2149 if k9_anzsco_l4==233915
replace isco88=2149 if k9_anzsco_l4==233999
replace isco88=2211 if k9_anzsco_l4==234313
replace isco88=2211 if k9_anzsco_l4==234511
replace isco88=2211 if k9_anzsco_l4==234515
replace isco88=2211 if k9_anzsco_l4==234516
replace isco88=2211 if k9_anzsco_l4==234517
replace isco88=2211 if k9_anzsco_l4==234518
replace isco88=2212 if k9_anzsco_l4==234512
replace isco88=2212 if k9_anzsco_l4==234513
replace isco88=2212 if k9_anzsco_l4==234514
replace isco88=2212 if k9_anzsco_l4==234611
replace isco88=2212 if k9_anzsco_l4==234999
replace isco88=2212 if k9_anzsco_l4==253915
replace isco88=2213 if k9_anzsco_l4==234112
replace isco88=2221 if k9_anzsco_l4==253111
replace isco88=2221 if k9_anzsco_l4==253112
replace isco88=2221 if k9_anzsco_l4==253211
replace isco88=2221 if k9_anzsco_l4==253311
replace isco88=2221 if k9_anzsco_l4==253312
replace isco88=2221 if k9_anzsco_l4==253313
replace isco88=2221 if k9_anzsco_l4==253314
replace isco88=2221 if k9_anzsco_l4==253315
replace isco88=2221 if k9_anzsco_l4==253316
replace isco88=2221 if k9_anzsco_l4==253317
replace isco88=2221 if k9_anzsco_l4==253318
replace isco88=2221 if k9_anzsco_l4==253321
replace isco88=2221 if k9_anzsco_l4==253322
replace isco88=2221 if k9_anzsco_l4==253323
replace isco88=2221 if k9_anzsco_l4==253324
replace isco88=2221 if k9_anzsco_l4==253399
replace isco88=2221 if k9_anzsco_l4==253411
replace isco88=2221 if k9_anzsco_l4==253511
replace isco88=2221 if k9_anzsco_l4==253512
replace isco88=2221 if k9_anzsco_l4==253513
replace isco88=2221 if k9_anzsco_l4==253514
replace isco88=2221 if k9_anzsco_l4==253515
replace isco88=2221 if k9_anzsco_l4==253516
replace isco88=2221 if k9_anzsco_l4==253517
replace isco88=2221 if k9_anzsco_l4==253518
replace isco88=2221 if k9_anzsco_l4==253521
replace isco88=2221 if k9_anzsco_l4==253911
replace isco88=2221 if k9_anzsco_l4==253912
replace isco88=2221 if k9_anzsco_l4==253913
replace isco88=2221 if k9_anzsco_l4==253914
replace isco88=2221 if k9_anzsco_l4==253916
replace isco88=2221 if k9_anzsco_l4==253999
replace isco88=2222 if k9_anzsco_l4==252311
replace isco88=2222 if k9_anzsco_l4==252312
replace isco88=2223 if k9_anzsco_l4==234711
replace isco88=2224 if k9_anzsco_l4==251511
replace isco88=2224 if k9_anzsco_l4==251513
replace isco88=2229 if k9_anzsco_l4==251999
replace isco88=2230 if k9_anzsco_l4==254111
replace isco88=2230 if k9_anzsco_l4==254212
replace isco88=2230 if k9_anzsco_l4==254311
replace isco88=2230 if k9_anzsco_l4==254411
replace isco88=2230 if k9_anzsco_l4==254412
replace isco88=2230 if k9_anzsco_l4==254413
replace isco88=2230 if k9_anzsco_l4==254414
replace isco88=2230 if k9_anzsco_l4==254415
replace isco88=2230 if k9_anzsco_l4==254416
replace isco88=2230 if k9_anzsco_l4==254417
replace isco88=2230 if k9_anzsco_l4==254418
replace isco88=2230 if k9_anzsco_l4==254421
replace isco88=2230 if k9_anzsco_l4==254422
```

```

replace isco88=2230 if k9_anzsco_l4==254423
replace isco88=2230 if k9_anzsco_l4==254424
replace isco88=2230 if k9_anzsco_l4==254499
replace isco88=2310 if k9_anzsco_l4==242111
replace isco88=2310 if k9_anzsco_l4==242112
replace isco88=2310 if k9_anzsco_l4==254211
replace isco88=2320 if k9_anzsco_l4==241411
replace isco88=2331 if k9_anzsco_l4==241211
replace isco88=2331 if k9_anzsco_l4==241212
replace isco88=2331 if k9_anzsco_l4==241213
replace isco88=2331 if k9_anzsco_l4==241311
replace isco88=2332 if k9_anzsco_l4==241111
replace isco88=2332 if k9_anzsco_l4==241112
replace isco88=2340 if k9_anzsco_l4==241511
replace isco88=2340 if k9_anzsco_l4==241512
replace isco88=2340 if k9_anzsco_l4==241513
replace isco88=2340 if k9_anzsco_l4==241599
replace isco88=2351 if k9_anzsco_l4==249111
replace isco88=2352 if k9_anzsco_l4==249112
replace isco88=2359 if k9_anzsco_l4==249211
replace isco88=2359 if k9_anzsco_l4==249212
replace isco88=2359 if k9_anzsco_l4==249213
replace isco88=2359 if k9_anzsco_l4==249214
replace isco88=2359 if k9_anzsco_l4==249299
replace isco88=2359 if k9_anzsco_l4==249311
replace isco88=2411 if k9_anzsco_l4==221111
replace isco88=2411 if k9_anzsco_l4==221112
replace isco88=2411 if k9_anzsco_l4==221113
replace isco88=2411 if k9_anzsco_l4==221213
replace isco88=2411 if k9_anzsco_l4==221214
replace isco88=2412 if k9_anzsco_l4==223111
replace isco88=2412 if k9_anzsco_l4==223113
replace isco88=2412 if k9_anzsco_l4==223211
replace isco88=2412 if k9_anzsco_l4==223311
replace isco88=2412 if k9_anzsco_l4==272111
replace isco88=2419 if k9_anzsco_l4==222311
replace isco88=2419 if k9_anzsco_l4==222312
replace isco88=2419 if k9_anzsco_l4==224411
replace isco88=2419 if k9_anzsco_l4==224412
replace isco88=2419 if k9_anzsco_l4==224711
replace isco88=2419 if k9_anzsco_l4==224712
replace isco88=2419 if k9_anzsco_l4==224912
replace isco88=2419 if k9_anzsco_l4==224914
replace isco88=2419 if k9_anzsco_l4==225111
replace isco88=2419 if k9_anzsco_l4==225112
replace isco88=2419 if k9_anzsco_l4==225113
replace isco88=2419 if k9_anzsco_l4==225311
replace isco88=2419 if k9_anzsco_l4==442216
replace isco88=2421 if k9_anzsco_l4==271111
replace isco88=2421 if k9_anzsco_l4==271311
replace isco88=2422 if k9_anzsco_l4==271211
replace isco88=2422 if k9_anzsco_l4==271212
replace isco88=2429 if k9_anzsco_l4==224913
replace isco88=2429 if k9_anzsco_l4==271213
replace isco88=2429 if k9_anzsco_l4==271299
replace isco88=2431 if k9_anzsco_l4==224211
replace isco88=2431 if k9_anzsco_l4==224212
replace isco88=2431 if k9_anzsco_l4==234911
replace isco88=2432 if k9_anzsco_l4==224214
replace isco88=2432 if k9_anzsco_l4==224611
replace isco88=2441 if k9_anzsco_l4==224311
replace isco88=2441 if k9_anzsco_l4==224511
replace isco88=2442 if k9_anzsco_l4==272499
replace isco88=2443 if k9_anzsco_l4==272411
replace isco88=2444 if k9_anzsco_l4==272412
replace isco88=2444 if k9_anzsco_l4==272413

```

```
replace isco88=2445 if k9_anzsco_l4==272311
replace isco88=2445 if k9_anzsco_l4==272312
replace isco88=2445 if k9_anzsco_l4==272313
replace isco88=2445 if k9_anzsco_l4==272314
replace isco88=2445 if k9_anzsco_l4==272399
replace isco88=2446 if k9_anzsco_l4==272112
replace isco88=2446 if k9_anzsco_l4==272113
replace isco88=2446 if k9_anzsco_l4==272114
replace isco88=2446 if k9_anzsco_l4==272115
replace isco88=2446 if k9_anzsco_l4==272199
replace isco88=2446 if k9_anzsco_l4==272511
replace isco88=2446 if k9_anzsco_l4==272611
replace isco88=2446 if k9_anzsco_l4==272612
replace isco88=2446 if k9_anzsco_l4==272613
replace isco88=2451 if k9_anzsco_l4==212211
replace isco88=2451 if k9_anzsco_l4==212212
replace isco88=2451 if k9_anzsco_l4==212411
replace isco88=2451 if k9_anzsco_l4==212412
replace isco88=2451 if k9_anzsco_l4==212413
replace isco88=2451 if k9_anzsco_l4==212414
replace isco88=2451 if k9_anzsco_l4==212415
replace isco88=2451 if k9_anzsco_l4==212416
replace isco88=2451 if k9_anzsco_l4==212499
replace isco88=2452 if k9_anzsco_l4==211411
replace isco88=2452 if k9_anzsco_l4==211413
replace isco88=2452 if k9_anzsco_l4==211499
replace isco88=2452 if k9_anzsco_l4==232412
replace isco88=2453 if k9_anzsco_l4==211211
replace isco88=2453 if k9_anzsco_l4==211299
replace isco88=2455 if k9_anzsco_l4==211111
replace isco88=2455 if k9_anzsco_l4==212311
replace isco88=2455 if k9_anzsco_l4==212312
replace isco88=2455 if k9_anzsco_l4==212313
replace isco88=2455 if k9_anzsco_l4==212315
replace isco88=2455 if k9_anzsco_l4==212316
replace isco88=2455 if k9_anzsco_l4==212317
replace isco88=2455 if k9_anzsco_l4==212318
replace isco88=2455 if k9_anzsco_l4==212399
replace isco88=3111 if k9_anzsco_l4==311411
replace isco88=3111 if k9_anzsco_l4==311412
replace isco88=3111 if k9_anzsco_l4==311414
replace isco88=3112 if k9_anzsco_l4==312112
replace isco88=3112 if k9_anzsco_l4==312116
replace isco88=3112 if k9_anzsco_l4==312212
replace isco88=3113 if k9_anzsco_l4==312312
replace isco88=3114 if k9_anzsco_l4==313212
replace isco88=3114 if k9_anzsco_l4==313213
replace isco88=3114 if k9_anzsco_l4==313214
replace isco88=3115 if k9_anzsco_l4==231215
replace isco88=3115 if k9_anzsco_l4==312512
replace isco88=3116 if k9_anzsco_l4==312999
replace isco88=3117 if k9_anzsco_l4==312913
replace isco88=3118 if k9_anzsco_l4==312111
replace isco88=3118 if k9_anzsco_l4==312211
replace isco88=3118 if k9_anzsco_l4==312311
replace isco88=3118 if k9_anzsco_l4==312411
replace isco88=3118 if k9_anzsco_l4==312511
replace isco88=3119 if k9_anzsco_l4==312114
replace isco88=3119 if k9_anzsco_l4==399916
replace isco88=3121 if k9_anzsco_l4==313111
replace isco88=3121 if k9_anzsco_l4==313112
replace isco88=3121 if k9_anzsco_l4==313113
replace isco88=3131 if k9_anzsco_l4==211311
replace isco88=3131 if k9_anzsco_l4==212314
replace isco88=3131 if k9_anzsco_l4==399512
replace isco88=3131 if k9_anzsco_l4==399516
```

```

replace isco88=3131 if k9_anzsco_l4==399517
replace isco88=3131 if k9_anzsco_l4==399915
replace isco88=3131 if k9_anzsco_l4==599912
replace isco88=3132 if k9_anzsco_l4==342312
replace isco88=3132 if k9_anzsco_l4==399511
replace isco88=3132 if k9_anzsco_l4==599914
replace isco88=3132 if k9_anzsco_l4==711912
replace isco88=3133 if k9_anzsco_l4==251211
replace isco88=3133 if k9_anzsco_l4==251212
replace isco88=3133 if k9_anzsco_l4==251213
replace isco88=3133 if k9_anzsco_l4==251214
replace isco88=3133 if k9_anzsco_l4==311211
replace isco88=3133 if k9_anzsco_l4==311212
replace isco88=3133 if k9_anzsco_l4==311214
replace isco88=3133 if k9_anzsco_l4==311299
replace isco88=3139 if k9_anzsco_l4==399513
replace isco88=3141 if k9_anzsco_l4==231212
replace isco88=3142 if k9_anzsco_l4==231213
replace isco88=3142 if k9_anzsco_l4==231214
replace isco88=3142 if k9_anzsco_l4==231299
replace isco88=3143 if k9_anzsco_l4==231111
replace isco88=3143 if k9_anzsco_l4==231114
replace isco88=3143 if k9_anzsco_l4==231199
replace isco88=3144 if k9_anzsco_l4==231112
replace isco88=3151 if k9_anzsco_l4==312113
replace isco88=3151 if k9_anzsco_l4==312115
replace isco88=3152 if k9_anzsco_l4==251311
replace isco88=3152 if k9_anzsco_l4==251312
replace isco88=3152 if k9_anzsco_l4==251911
replace isco88=3152 if k9_anzsco_l4==311312
replace isco88=3152 if k9_anzsco_l4==311399
replace isco88=3152 if k9_anzsco_l4==312611
replace isco88=3152 if k9_anzsco_l4==839311
replace isco88=3152 if k9_anzsco_l4==839313
replace isco88=3211 if k9_anzsco_l4==311213
replace isco88=3212 if k9_anzsco_l4==311111
replace isco88=3213 if k9_anzsco_l4==234111
replace isco88=3213 if k9_anzsco_l4==234311
replace isco88=3213 if k9_anzsco_l4==234312
replace isco88=3221 if k9_anzsco_l4==411511
replace isco88=3221 if k9_anzsco_l4==411512
replace isco88=3223 if k9_anzsco_l4==251111
replace isco88=3224 if k9_anzsco_l4==251411
replace isco88=3224 if k9_anzsco_l4==399913
replace isco88=3225 if k9_anzsco_l4==411211
replace isco88=3225 if k9_anzsco_l4==411214
replace isco88=3226 if k9_anzsco_l4==252111
replace isco88=3226 if k9_anzsco_l4==252112
replace isco88=3226 if k9_anzsco_l4==252511
replace isco88=3226 if k9_anzsco_l4==252611
replace isco88=3226 if k9_anzsco_l4==411311
replace isco88=3226 if k9_anzsco_l4==411611
replace isco88=3228 if k9_anzsco_l4==311215
replace isco88=3229 if k9_anzsco_l4==251412
replace isco88=3229 if k9_anzsco_l4==251912
replace isco88=3229 if k9_anzsco_l4==252212
replace isco88=3229 if k9_anzsco_l4==252411
replace isco88=3229 if k9_anzsco_l4==252711
replace isco88=3229 if k9_anzsco_l4==252712
replace isco88=3231 if k9_anzsco_l4==411411
replace isco88=3232 if k9_anzsco_l4==411412
replace isco88=3241 if k9_anzsco_l4==252211
replace isco88=3241 if k9_anzsco_l4==252213
replace isco88=3241 if k9_anzsco_l4==252214
replace isco88=3241 if k9_anzsco_l4==252215
replace isco88=3241 if k9_anzsco_l4==451511

```

```

replace isco88=3242 if k9_anzsco_l4==451899
replace isco88=3310 if k9_anzsco_l4==422111
replace isco88=3320 if k9_anzsco_l4==422115
replace isco88=3330 if k9_anzsco_l4==422112
replace isco88=3340 if k9_anzsco_l4==231113
replace isco88=3340 if k9_anzsco_l4==451211
replace isco88=3411 if k9_anzsco_l4==222112
replace isco88=3411 if k9_anzsco_l4==222199
replace isco88=3411 if k9_anzsco_l4==222211
replace isco88=3411 if k9_anzsco_l4==222213
replace isco88=3411 if k9_anzsco_l4==222299
replace isco88=3412 if k9_anzsco_l4==222113
replace isco88=3412 if k9_anzsco_l4==552312
replace isco88=3412 if k9_anzsco_l4==611211
replace isco88=3413 if k9_anzsco_l4==612111
replace isco88=3413 if k9_anzsco_l4==612112
replace isco88=3413 if k9_anzsco_l4==612113
replace isco88=3413 if k9_anzsco_l4==612114
replace isco88=3413 if k9_anzsco_l4==612115
replace isco88=3415 if k9_anzsco_l4==225211
replace isco88=3415 if k9_anzsco_l4==225212
replace isco88=3415 if k9_anzsco_l4==225213
replace isco88=3415 if k9_anzsco_l4==225411
replace isco88=3415 if k9_anzsco_l4==225412
replace isco88=3415 if k9_anzsco_l4==225499
replace isco88=3415 if k9_anzsco_l4==611311
replace isco88=3415 if k9_anzsco_l4==611312
replace isco88=3415 if k9_anzsco_l4==611313
replace isco88=3415 if k9_anzsco_l4==611314
replace isco88=3415 if k9_anzsco_l4==611399
replace isco88=3416 if k9_anzsco_l4==639211
replace isco88=3416 if k9_anzsco_l4==639212
replace isco88=3417 if k9_anzsco_l4==224512
replace isco88=3417 if k9_anzsco_l4==599611
replace isco88=3417 if k9_anzsco_l4==599612
replace isco88=3417 if k9_anzsco_l4==599613
replace isco88=3417 if k9_anzsco_l4==611111
replace isco88=3419 if k9_anzsco_l4==611112
replace isco88=3421 if k9_anzsco_l4==222111
replace isco88=3421 if k9_anzsco_l4==222212
replace isco88=3422 if k9_anzsco_l4==591212
replace isco88=3431 if k9_anzsco_l4==511111
replace isco88=3431 if k9_anzsco_l4==512211
replace isco88=3431 if k9_anzsco_l4==512299
replace isco88=3432 if k9_anzsco_l4==599111
replace isco88=3432 if k9_anzsco_l4==599112
replace isco88=3432 if k9_anzsco_l4==599211
replace isco88=3432 if k9_anzsco_l4==599212
replace isco88=3432 if k9_anzsco_l4==599214
replace isco88=3432 if k9_anzsco_l4==599215
replace isco88=3433 if k9_anzsco_l4==551211
replace isco88=3439 if k9_anzsco_l4==224911
replace isco88=3439 if k9_anzsco_l4==399312
replace isco88=3441 if k9_anzsco_l4==311313
replace isco88=3441 if k9_anzsco_l4==599511
replace isco88=3441 if k9_anzsco_l4==599512
replace isco88=3442 if k9_anzsco_l4==599516
replace isco88=3443 if k9_anzsco_l4==599515
replace isco88=3444 if k9_anzsco_l4==599513
replace isco88=3449 if k9_anzsco_l4==311311
replace isco88=3449 if k9_anzsco_l4==599514
replace isco88=3449 if k9_anzsco_l4==599517
replace isco88=3449 if k9_anzsco_l4==599518
replace isco88=3449 if k9_anzsco_l4==599521
replace isco88=3449 if k9_anzsco_l4==599599
replace isco88=3450 if k9_anzsco_l4==441311

```

```

replace isco88=3450 if k9_anzsco_l4==442214
replace isco88=3450 if k9_anzsco_l4==442215
replace isco88=3460 if k9_anzsco_l4==411711
replace isco88=3460 if k9_anzsco_l4==411712
replace isco88=3460 if k9_anzsco_l4==411713
replace isco88=3460 if k9_anzsco_l4==411714
replace isco88=3460 if k9_anzsco_l4==411715
replace isco88=3460 if k9_anzsco_l4==411716
replace isco88=3460 if k9_anzsco_l4==423411
replace isco88=3460 if k9_anzsco_l4==423412
replace isco88=3460 if k9_anzsco_l4==423413
replace isco88=3471 if k9_anzsco_l4==232311
replace isco88=3471 if k9_anzsco_l4==232312
replace isco88=3471 if k9_anzsco_l4==232313
replace isco88=3471 if k9_anzsco_l4==232411
replace isco88=3471 if k9_anzsco_l4==232413
replace isco88=3471 if k9_anzsco_l4==232511
replace isco88=3471 if k9_anzsco_l4==399912
replace isco88=3472 if k9_anzsco_l4==212113
replace isco88=3472 if k9_anzsco_l4==212114
replace isco88=3474 if k9_anzsco_l4==211199
replace isco88=3475 if k9_anzsco_l4==452111
replace isco88=3475 if k9_anzsco_l4==452311
replace isco88=3475 if k9_anzsco_l4==452312
replace isco88=3475 if k9_anzsco_l4==452313
replace isco88=3475 if k9_anzsco_l4==452314
replace isco88=3475 if k9_anzsco_l4==452315
replace isco88=3475 if k9_anzsco_l4==452316
replace isco88=3475 if k9_anzsco_l4==452317
replace isco88=3475 if k9_anzsco_l4==452318
replace isco88=3475 if k9_anzsco_l4==452321
replace isco88=3475 if k9_anzsco_l4==452322
replace isco88=3475 if k9_anzsco_l4==452323
replace isco88=3475 if k9_anzsco_l4==452411
replace isco88=3475 if k9_anzsco_l4==452412
replace isco88=3475 if k9_anzsco_l4==452413
replace isco88=3475 if k9_anzsco_l4==452499
replace isco88=4111 if k9_anzsco_l4==532112
replace isco88=4112 if k9_anzsco_l4==532113
replace isco88=4113 if k9_anzsco_l4==532111
replace isco88=4115 if k9_anzsco_l4==521111
replace isco88=4115 if k9_anzsco_l4==521211
replace isco88=4115 if k9_anzsco_l4==521212
replace isco88=4121 if k9_anzsco_l4==551111
replace isco88=4121 if k9_anzsco_l4==551112
replace isco88=4121 if k9_anzsco_l4==551311
replace isco88=4122 if k9_anzsco_l4==552211
replace isco88=4122 if k9_anzsco_l4==552313
replace isco88=4122 if k9_anzsco_l4==561511
replace isco88=4131 if k9_anzsco_l4==591113
replace isco88=4131 if k9_anzsco_l4==591114
replace isco88=4131 if k9_anzsco_l4==591115
replace isco88=4131 if k9_anzsco_l4==591116
replace isco88=4131 if k9_anzsco_l4==712922
replace isco88=4132 if k9_anzsco_l4==312911
replace isco88=4132 if k9_anzsco_l4==591111
replace isco88=4132 if k9_anzsco_l4==591112
replace isco88=4133 if k9_anzsco_l4==591211
replace isco88=4141 if k9_anzsco_l4==561311
replace isco88=4141 if k9_anzsco_l4==599711
replace isco88=4142 if k9_anzsco_l4==561212
replace isco88=4142 if k9_anzsco_l4==561411
replace isco88=4142 if k9_anzsco_l4==561412
replace isco88=4143 if k9_anzsco_l4==599911
replace isco88=4143 if k9_anzsco_l4==599913
replace isco88=4190 if k9_anzsco_l4==531111

```

```

replace isco88=4190 if k9_anzsco_l4==561911
replace isco88=4190 if k9_anzsco_l4==561999
replace isco88=4190 if k9_anzsco_l4==599411
replace isco88=4211 if k9_anzsco_l4==631111
replace isco88=4211 if k9_anzsco_l4==631112
replace isco88=4211 if k9_anzsco_l4==639411
replace isco88=4212 if k9_anzsco_l4==552111
replace isco88=4213 if k9_anzsco_l4==431311
replace isco88=4213 if k9_anzsco_l4==552311
replace isco88=4213 if k9_anzsco_l4==561111
replace isco88=4213 if k9_anzsco_l4==561112
replace isco88=4213 if k9_anzsco_l4==561113
replace isco88=4213 if k9_anzsco_l4==561199
replace isco88=4215 if k9_anzsco_l4==599311
replace isco88=4221 if k9_anzsco_l4==451611
replace isco88=4222 if k9_anzsco_l4==541111
replace isco88=4222 if k9_anzsco_l4==541112
replace isco88=4222 if k9_anzsco_l4==541211
replace isco88=4222 if k9_anzsco_l4==542111
replace isco88=4222 if k9_anzsco_l4==542112
replace isco88=4222 if k9_anzsco_l4==542113
replace isco88=4222 if k9_anzsco_l4==542114
replace isco88=4223 if k9_anzsco_l4==561611
replace isco88=5111 if k9_anzsco_l4==451711
replace isco88=5111 if k9_anzsco_l4==451799
replace isco88=5112 if k9_anzsco_l4==639412
replace isco88=5113 if k9_anzsco_l4==451411
replace isco88=5113 if k9_anzsco_l4==451412
replace isco88=5113 if k9_anzsco_l4==452211
replace isco88=5113 if k9_anzsco_l4==452212
replace isco88=5113 if k9_anzsco_l4==452213
replace isco88=5113 if k9_anzsco_l4==452214
replace isco88=5113 if k9_anzsco_l4==452215
replace isco88=5113 if k9_anzsco_l4==452216
replace isco88=5113 if k9_anzsco_l4==452217
replace isco88=5113 if k9_anzsco_l4==452299
replace isco88=5121 if k9_anzsco_l4==431411
replace isco88=5121 if k9_anzsco_l4==811411
replace isco88=5121 if k9_anzsco_l4==811412
replace isco88=5122 if k9_anzsco_l4==351311
replace isco88=5122 if k9_anzsco_l4==351411
replace isco88=5122 if k9_anzsco_l4==851111
replace isco88=5123 if k9_anzsco_l4==431111
replace isco88=5123 if k9_anzsco_l4==431112
replace isco88=5123 if k9_anzsco_l4==431211
replace isco88=5123 if k9_anzsco_l4==431511
replace isco88=5131 if k9_anzsco_l4==421111
replace isco88=5131 if k9_anzsco_l4==421112
replace isco88=5131 if k9_anzsco_l4==421113
replace isco88=5131 if k9_anzsco_l4==421114
replace isco88=5132 if k9_anzsco_l4==411111
replace isco88=5132 if k9_anzsco_l4==411112
replace isco88=5132 if k9_anzsco_l4==423311
replace isco88=5132 if k9_anzsco_l4==423312
replace isco88=5132 if k9_anzsco_l4==423313
replace isco88=5133 if k9_anzsco_l4==423111
replace isco88=5141 if k9_anzsco_l4==391111
replace isco88=5141 if k9_anzsco_l4==399514
replace isco88=5141 if k9_anzsco_l4==451111
replace isco88=5141 if k9_anzsco_l4==451812
replace isco88=5143 if k9_anzsco_l4==451311
replace isco88=5143 if k9_anzsco_l4==451399
replace isco88=5149 if k9_anzsco_l4==451512
replace isco88=5149 if k9_anzsco_l4==451811
replace isco88=5149 if k9_anzsco_l4==451813
replace isco88=5161 if k9_anzsco_l4==441212

```



```

replace isco88=5162 if k9_anzsco_l4==441312
replace isco88=5163 if k9_anzsco_l4==442111
replace isco88=5169 if k9_anzsco_l4==234314
replace isco88=5169 if k9_anzsco_l4==441211
replace isco88=5169 if k9_anzsco_l4==442211
replace isco88=5169 if k9_anzsco_l4==442212
replace isco88=5169 if k9_anzsco_l4==442213
replace isco88=5169 if k9_anzsco_l4==442217
replace isco88=5169 if k9_anzsco_l4==442299
replace isco88=5169 if k9_anzsco_l4==452414
replace isco88=5210 if k9_anzsco_l4==639111
replace isco88=5220 if k9_anzsco_l4==362111
replace isco88=5220 if k9_anzsco_l4==621211
replace isco88=5220 if k9_anzsco_l4==621312
replace isco88=5220 if k9_anzsco_l4==621411
replace isco88=5220 if k9_anzsco_l4==621511
replace isco88=5220 if k9_anzsco_l4==621611
replace isco88=5220 if k9_anzsco_l4==621912
replace isco88=5220 if k9_anzsco_l4==621999
replace isco88=5220 if k9_anzsco_l4==639112
replace isco88=5220 if k9_anzsco_l4==639511
replace isco88=6113 if k9_anzsco_l4==362211
replace isco88=6113 if k9_anzsco_l4==362212
replace isco88=6113 if k9_anzsco_l4==362213
replace isco88=6113 if k9_anzsco_l4==362311
replace isco88=6113 if k9_anzsco_l4==362411
replace isco88=6121 if k9_anzsco_l4==361211
replace isco88=6129 if k9_anzsco_l4==361111
replace isco88=6129 if k9_anzsco_l4==361112
replace isco88=6129 if k9_anzsco_l4==361113
replace isco88=6129 if k9_anzsco_l4==361114
replace isco88=6129 if k9_anzsco_l4==361199
replace isco88=6141 if k9_anzsco_l4==841313
replace isco88=6154 if k9_anzsco_l4==841911
replace isco88=7112 if k9_anzsco_l4==712213
replace isco88=7123 if k9_anzsco_l4==821211
replace isco88=7123 if k9_anzsco_l4==821713
replace isco88=7124 if k9_anzsco_l4==331211
replace isco88=7124 if k9_anzsco_l4==331213
replace isco88=7129 if k9_anzsco_l4==821311
replace isco88=7129 if k9_anzsco_l4==821412
replace isco88=7129 if k9_anzsco_l4==821712
replace isco88=7129 if k9_anzsco_l4==821911
replace isco88=7129 if k9_anzsco_l4==899918
replace isco88=7131 if k9_anzsco_l4==333311
replace isco88=7132 if k9_anzsco_l4==332111
replace isco88=7132 if k9_anzsco_l4==333411
replace isco88=7133 if k9_anzsco_l4==333211
replace isco88=7133 if k9_anzsco_l4==333212
replace isco88=7134 if k9_anzsco_l4==821411
replace isco88=7134 if k9_anzsco_l4==821913
replace isco88=7135 if k9_anzsco_l4==333111
replace isco88=7135 if k9_anzsco_l4==899412
replace isco88=7136 if k9_anzsco_l4==334111
replace isco88=7136 if k9_anzsco_l4==334112
replace isco88=7136 if k9_anzsco_l4==334113
replace isco88=7136 if k9_anzsco_l4==334114
replace isco88=7136 if k9_anzsco_l4==334115
replace isco88=7137 if k9_anzsco_l4==341112
replace isco88=7141 if k9_anzsco_l4==332211
replace isco88=7142 if k9_anzsco_l4==711211
replace isco88=7143 if k9_anzsco_l4==811699
replace isco88=7143 if k9_anzsco_l4==841912
replace isco88=7211 if k9_anzsco_l4==322114
replace isco88=7212 if k9_anzsco_l4==322312
replace isco88=7212 if k9_anzsco_l4==322313

```

```

replace isco88=7213 if k9_anzsco_l4==322211
replace isco88=7213 if k9_anzsco_l4==323113
replace isco88=7213 if k9_anzsco_l4==324111
replace isco88=7213 if k9_anzsco_l4==324211
replace isco88=7214 if k9_anzsco_l4==821714
replace isco88=7215 if k9_anzsco_l4==821711
replace isco88=7216 if k9_anzsco_l4==399911
replace isco88=7221 if k9_anzsco_l4==322111
replace isco88=7221 if k9_anzsco_l4==322113
replace isco88=7222 if k9_anzsco_l4==323312
replace isco88=7222 if k9_anzsco_l4==323313
replace isco88=7222 if k9_anzsco_l4==323411
replace isco88=7222 if k9_anzsco_l4==323412
replace isco88=7223 if k9_anzsco_l4==323214
replace isco88=7224 if k9_anzsco_l4==322115
replace isco88=7231 if k9_anzsco_l4==321213
replace isco88=7231 if k9_anzsco_l4==321214
replace isco88=7231 if k9_anzsco_l4==899411
replace isco88=7231 if k9_anzsco_l4==899413
replace isco88=7231 if k9_anzsco_l4==899414
replace isco88=7231 if k9_anzsco_l4==899415
replace isco88=7231 if k9_anzsco_l4==899911
replace isco88=7231 if k9_anzsco_l4==899916
replace isco88=7232 if k9_anzsco_l4==323112
replace isco88=7233 if k9_anzsco_l4==323215
replace isco88=7233 if k9_anzsco_l4==323299
replace isco88=7233 if k9_anzsco_l4==342111
replace isco88=7241 if k9_anzsco_l4==321111
replace isco88=7241 if k9_anzsco_l4==323111
replace isco88=7241 if k9_anzsco_l4==341113
replace isco88=7242 if k9_anzsco_l4==342314
replace isco88=7242 if k9_anzsco_l4==342315
replace isco88=7243 if k9_anzsco_l4==342311
replace isco88=7243 if k9_anzsco_l4==342313
replace isco88=7245 if k9_anzsco_l4==342211
replace isco88=7245 if k9_anzsco_l4==342212
replace isco88=7245 if k9_anzsco_l4==342411
replace isco88=7245 if k9_anzsco_l4==342412
replace isco88=7245 if k9_anzsco_l4==342413
replace isco88=7311 if k9_anzsco_l4==323314
replace isco88=7311 if k9_anzsco_l4==323316
replace isco88=7312 if k9_anzsco_l4==399515
replace isco88=7313 if k9_anzsco_l4==399411
replace isco88=7322 if k9_anzsco_l4==399914
replace isco88=7324 if k9_anzsco_l4==399611
replace isco88=7341 if k9_anzsco_l4==899511
replace isco88=7341 if k9_anzsco_l4==899512
replace isco88=7346 if k9_anzsco_l4==392112
replace isco88=7411 if k9_anzsco_l4==351211
replace isco88=7411 if k9_anzsco_l4==831211
replace isco88=7411 if k9_anzsco_l4==831212
replace isco88=7412 if k9_anzsco_l4==351111
replace isco88=7412 if k9_anzsco_l4==351112
replace isco88=7414 if k9_anzsco_l4==831199
replace isco88=7421 if k9_anzsco_l4==839312
replace isco88=7422 if k9_anzsco_l4==394111
replace isco88=7422 if k9_anzsco_l4==394211
replace isco88=7422 if k9_anzsco_l4==394212
replace isco88=7423 if k9_anzsco_l4==394214
replace isco88=7431 if k9_anzsco_l4==399917
replace isco88=7432 if k9_anzsco_l4==393299
replace isco88=7433 if k9_anzsco_l4==393213
replace isco88=7435 if k9_anzsco_l4==393211
replace isco88=7435 if k9_anzsco_l4==393212
replace isco88=7436 if k9_anzsco_l4==393111
replace isco88=7436 if k9_anzsco_l4==393113

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```

replace isco88=7437 if k9_anzsco_l4==324212
replace isco88=7437 if k9_anzsco_l4==393311
replace isco88=7441 if k9_anzsco_l4==839917
replace isco88=7442 if k9_anzsco_l4==393114
replace isco88=8112 if k9_anzsco_l4==712311
replace isco88=8113 if k9_anzsco_l4==712211
replace isco88=8141 if k9_anzsco_l4==711312
replace isco88=8155 if k9_anzsco_l4==399212
replace isco88=8161 if k9_anzsco_l4==399213
replace isco88=8162 if k9_anzsco_l4==712911
replace isco88=8163 if k9_anzsco_l4==712921
replace isco88=8212 if k9_anzsco_l4==711112
replace isco88=8212 if k9_anzsco_l4==711114
replace isco88=8212 if k9_anzsco_l4==712913
replace isco88=8212 if k9_anzsco_l4==712914
replace isco88=8212 if k9_anzsco_l4==712915
replace isco88=8223 if k9_anzsco_l4==322112
replace isco88=8231 if k9_anzsco_l4==711516
replace isco88=8232 if k9_anzsco_l4==711511
replace isco88=8232 if k9_anzsco_l4==711512
replace isco88=8232 if k9_anzsco_l4==711513
replace isco88=8232 if k9_anzsco_l4==711514
replace isco88=8232 if k9_anzsco_l4==711515
replace isco88=8232 if k9_anzsco_l4==711599
replace isco88=8251 if k9_anzsco_l4==392311
replace isco88=8251 if k9_anzsco_l4==392312
replace isco88=8253 if k9_anzsco_l4==711311
replace isco88=8261 if k9_anzsco_l4==711716
replace isco88=8262 if k9_anzsco_l4==711713
replace isco88=8262 if k9_anzsco_l4==711715
replace isco88=8263 if k9_anzsco_l4==711611
replace isco88=8264 if k9_anzsco_l4==711714
replace isco88=8264 if k9_anzsco_l4==811611
replace isco88=8266 if k9_anzsco_l4==711711
replace isco88=8273 if k9_anzsco_l4==831116
replace isco88=8274 if k9_anzsco_l4==831111
replace isco88=8275 if k9_anzsco_l4==831115
replace isco88=8276 if k9_anzsco_l4==831117
replace isco88=8278 if k9_anzsco_l4==831112
replace isco88=8278 if k9_anzsco_l4==831118
replace isco88=8290 if k9_anzsco_l4==711914
replace isco88=8290 if k9_anzsco_l4==721912
replace isco88=8311 if k9_anzsco_l4==731311
replace isco88=8312 if k9_anzsco_l4==712917
replace isco88=8312 if k9_anzsco_l4==712918
replace isco88=8312 if k9_anzsco_l4==899917
replace isco88=8322 if k9_anzsco_l4==731111
replace isco88=8322 if k9_anzsco_l4==731112
replace isco88=8322 if k9_anzsco_l4==731199
replace isco88=8322 if k9_anzsco_l4==732111
replace isco88=8323 if k9_anzsco_l4==731211
replace isco88=8323 if k9_anzsco_l4==731212
replace isco88=8323 if k9_anzsco_l4==731213
replace isco88=8323 if k9_anzsco_l4==731312
replace isco88=8324 if k9_anzsco_l4==733111
replace isco88=8324 if k9_anzsco_l4==733112
replace isco88=8324 if k9_anzsco_l4==733113
replace isco88=8324 if k9_anzsco_l4==733114
replace isco88=8324 if k9_anzsco_l4==733115
replace isco88=8331 if k9_anzsco_l4==721111
replace isco88=8331 if k9_anzsco_l4==721112
replace isco88=8332 if k9_anzsco_l4==721211
replace isco88=8332 if k9_anzsco_l4==721212
replace isco88=8332 if k9_anzsco_l4==721213
replace isco88=8332 if k9_anzsco_l4==721214
replace isco88=8332 if k9_anzsco_l4==721215

```

```

replace isco88=8332 if k9_anzsco_l4==721216
replace isco88=8332 if k9_anzsco_l4==721913
replace isco88=8332 if k9_anzsco_l4==721914
replace isco88=8332 if k9_anzsco_l4==721915
replace isco88=8333 if k9_anzsco_l4==712111
replace isco88=8334 if k9_anzsco_l4==721311
replace isco88=8340 if k9_anzsco_l4==899211
replace isco88=9113 if k9_anzsco_l4==639311
replace isco88=9131 if k9_anzsco_l4==811311
replace isco88=9132 if k9_anzsco_l4==431911
replace isco88=9132 if k9_anzsco_l4==851211
replace isco88=9132 if k9_anzsco_l4==851299
replace isco88=9132 if k9_anzsco_l4==851311
replace isco88=9141 if k9_anzsco_l4==899111
replace isco88=9142 if k9_anzsco_l4==811612
replace isco88=9151 if k9_anzsco_l4==899915
replace isco88=9151 if k9_anzsco_l4==899922
replace isco88=9152 if k9_anzsco_l4==899912
replace isco88=9152 if k9_anzsco_l4==899913
replace isco88=9152 if k9_anzsco_l4==899921
replace isco88=9153 if k9_anzsco_l4==561912
replace isco88=9153 if k9_anzsco_l4==561913
replace isco88=9153 if k9_anzsco_l4==899711
replace isco88=9161 if k9_anzsco_l4==621911
replace isco88=9161 if k9_anzsco_l4==899611
replace isco88=9162 if k9_anzsco_l4==721916
replace isco88=9211 if k9_anzsco_l4==841211
replace isco88=9211 if k9_anzsco_l4==841212
replace isco88=9211 if k9_anzsco_l4==841213
replace isco88=9211 if k9_anzsco_l4==841214
replace isco88=9211 if k9_anzsco_l4==841215
replace isco88=9211 if k9_anzsco_l4==841216
replace isco88=9211 if k9_anzsco_l4==841299
replace isco88=9211 if k9_anzsco_l4==841411
replace isco88=9211 if k9_anzsco_l4==841412
replace isco88=9211 if k9_anzsco_l4==841511
replace isco88=9211 if k9_anzsco_l4==841512
replace isco88=9211 if k9_anzsco_l4==841514
replace isco88=9211 if k9_anzsco_l4==841515
replace isco88=9211 if k9_anzsco_l4==841516
replace isco88=9211 if k9_anzsco_l4==841517
replace isco88=9211 if k9_anzsco_l4==841599
replace isco88=9211 if k9_anzsco_l4==841611
replace isco88=9212 if k9_anzsco_l4==841312
replace isco88=9213 if k9_anzsco_l4==841111
replace isco88=9213 if k9_anzsco_l4==841999
replace isco88=9311 if k9_anzsco_l4==821912
replace isco88=9311 if k9_anzsco_l4==821914
replace isco88=9311 if k9_anzsco_l4==821915
replace isco88=9312 if k9_anzsco_l4==821112
replace isco88=9312 if k9_anzsco_l4==821113
replace isco88=9312 if k9_anzsco_l4==821511
replace isco88=9312 if k9_anzsco_l4==821611
replace isco88=9313 if k9_anzsco_l4==821111
replace isco88=9313 if k9_anzsco_l4==821114
replace isco88=9313 if k9_anzsco_l4==899311
replace isco88=9313 if k9_anzsco_l4==899914
replace isco88=9321 if k9_anzsco_l4==832211
replace isco88=9322 if k9_anzsco_l4==832111
replace isco88=9322 if k9_anzsco_l4==832113
replace isco88=9322 if k9_anzsco_l4==832114
replace isco88=9322 if k9_anzsco_l4==832115
replace isco88=9322 if k9_anzsco_l4==832199
replace isco88=9322 if k9_anzsco_l4==839111
replace isco88=9322 if k9_anzsco_l4==839211
replace isco88=9322 if k9_anzsco_l4==839212

```

```

replace isco88=9322 if k9_anzsco_l4==839411
replace isco88=9322 if k9_anzsco_l4==839412
replace isco88=9322 if k9_anzsco_l4==839413
replace isco88=9322 if k9_anzsco_l4==839911
replace isco88=9322 if k9_anzsco_l4==839912
replace isco88=9322 if k9_anzsco_l4==839913
replace isco88=9322 if k9_anzsco_l4==839914
replace isco88=9322 if k9_anzsco_l4==839915
replace isco88=9322 if k9_anzsco_l4==839916
replace isco88=9322 if k9_anzsco_l4==839999
replace isco88=9333 if k9_anzsco_l4==712912
replace isco88=9333 if k9_anzsco_l4==721911
replace isco88=9333 if k9_anzsco_l4==891111
replace isco88=9333 if k9_anzsco_l4==891112
replace isco88=9333 if k9_anzsco_l4==891113
replace isco88=9333 if k9_anzsco_l4==891211
replace isco88=0110 if k9_anzsco_l4==111212
replace isco88=0110 if k9_anzsco_l4==139111
replace isco88=0110 if k9_anzsco_l4==139211
replace isco88=0110 if k9_anzsco_l4==441111

```

*Missing

```
replace isco88=9999 if k9_anzsco_l4== -1
```

*ISCO88 CODING- AT THE UNIT GROUP LEVEL

```

replace isco88=110 if k9_anzsco_l3==1391 & isco88==.
replace isco88=110 if k9_anzsco_l3==1392 & isco88==.
replace isco88=110 if k9_anzsco_l3==4411 & isco88==.
replace isco88=1000 if k9_anzsco_l3==1000 & isco88==.
replace isco88=1110 if k9_anzsco_l3==1113 & isco88==.
replace isco88=1210 if k9_anzsco_l3==1111 & isco88==.
replace isco88=1222 if k9_anzsco_l3==1334 & isco88==.
replace isco88=1223 if k9_anzsco_l3==1331 & isco88==.
replace isco88=1224 if k9_anzsco_l3==1333 & isco88==.
replace isco88=1225 if k9_anzsco_l3==4314 & isco88==.
replace isco88=1231 if k9_anzsco_l3==1321 & isco88==.
replace isco88=1231 if k9_anzsco_l3==1322 & isco88==.
replace isco88=1231 if k9_anzsco_l3==2212 & isco88==.
replace isco88=1232 if k9_anzsco_l3==1323 & isco88==.
replace isco88=1234 if k9_anzsco_l3==1310 & isco88==.
replace isco88=1234 if k9_anzsco_l3==1311 & isco88==.
replace isco88=1235 if k9_anzsco_l3==1336 & isco88==.
replace isco88=1236 if k9_anzsco_l3==1350 & isco88==.
replace isco88=1236 if k9_anzsco_l3==1351 & isco88==.
replace isco88=1237 if k9_anzsco_l3==1325 & isco88==.
replace isco88=1239 if k9_anzsco_l3==1324 & isco88==.
replace isco88=1310 if k9_anzsco_l3==1112 & isco88==.
replace isco88=1314 if k9_anzsco_l3==1420 & isco88==.
replace isco88=1314 if k9_anzsco_l3==1421 & isco88==.
replace isco88=1315 if k9_anzsco_l3==1411 & isco88==.
replace isco88=1315 if k9_anzsco_l3==1412 & isco88==.
replace isco88=1315 if k9_anzsco_l3==1413 & isco88==.
replace isco88=1315 if k9_anzsco_l3==1414 & isco88==.
replace isco88=1315 if k9_anzsco_l3==1419 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1341 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1342 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1343 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1344 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1491 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1492 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1493 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1494 & isco88==.
replace isco88=1319 if k9_anzsco_l3==1499 & isco88==.
replace isco88=2100 if k9_anzsco_l3==2341 & isco88==.

```



```

replace isco88=2421 if k9_anzsco_l3==2711 & isco88==.
replace isco88=2421 if k9_anzsco_l3==2713 & isco88==.
replace isco88=2422 if k9_anzsco_l3==2712 & isco88==.
replace isco88=2431 if k9_anzsco_l3==2242 & isco88==.
replace isco88=2432 if k9_anzsco_l3==2246 & isco88==.
replace isco88=2441 if k9_anzsco_l3==2243 & isco88==.
replace isco88=2445 if k9_anzsco_l3==2721 & isco88==.
replace isco88=2445 if k9_anzsco_l3==2723 & isco88==.
replace isco88=2446 if k9_anzsco_l3==2720 & isco88==.
replace isco88=2446 if k9_anzsco_l3==2724 & isco88==.
replace isco88=2446 if k9_anzsco_l3==2725 & isco88==.
replace isco88=2446 if k9_anzsco_l3==2726 & isco88==.
replace isco88=2451 if k9_anzsco_l3==2122 & isco88==.
replace isco88=2451 if k9_anzsco_l3==2124 & isco88==.
replace isco88=2452 if k9_anzsco_l3==2114 & isco88==.
replace isco88=2452 if k9_anzsco_l3==2323 & isco88==.
replace isco88=2452 if k9_anzsco_l3==2324 & isco88==.
replace isco88=2453 if k9_anzsco_l3==2112 & isco88==.
replace isco88=2455 if k9_anzsco_l3==2111 & isco88==.
replace isco88=2455 if k9_anzsco_l3==2123 & isco88==.
replace isco88=2460 if k9_anzsco_l3==2722 & isco88==.
replace isco88=3000 if k9_anzsco_l3==3000 & isco88==.
replace isco88=3112 if k9_anzsco_l3==3120 & isco88==.
replace isco88=3112 if k9_anzsco_l3==3121 & isco88==.
replace isco88=3112 if k9_anzsco_l3==3122 & isco88==.
replace isco88=3113 if k9_anzsco_l3==3123 & isco88==.
replace isco88=3114 if k9_anzsco_l3==3100 & isco88==.
replace isco88=3114 if k9_anzsco_l3==3124 & isco88==.
replace isco88=3114 if k9_anzsco_l3==3130 & isco88==.
replace isco88=3114 if k9_anzsco_l3==3131 & isco88==.
replace isco88=3114 if k9_anzsco_l3==3132 & isco88==.
replace isco88=3115 if k9_anzsco_l3==3125 & isco88==.
replace isco88=3119 if k9_anzsco_l3==3126 & isco88==.
replace isco88=3119 if k9_anzsco_l3==3129 & isco88==.
replace isco88=3121 if k9_anzsco_l3==2630 & isco88==.
replace isco88=3121 if k9_anzsco_l3==2632 & isco88==.
replace isco88=3131 if k9_anzsco_l3==2113 & isco88==.
replace isco88=3132 if k9_anzsco_l3==3995 & isco88==.
replace isco88=3133 if k9_anzsco_l3==2512 & isco88==.
replace isco88=3133 if k9_anzsco_l3==3112 & isco88==.
replace isco88=3142 if k9_anzsco_l3==2312 & isco88==.
replace isco88=3143 if k9_anzsco_l3==2311 & isco88==.
replace isco88=3152 if k9_anzsco_l3==3113 & isco88==.
replace isco88=3212 if k9_anzsco_l3==3111 & isco88==.
replace isco88=3220 if k9_anzsco_l3==2500 & isco88==.
replace isco88=3220 if k9_anzsco_l3==2510 & isco88==.
replace isco88=3221 if k9_anzsco_l3==2631 & isco88==.
replace isco88=3223 if k9_anzsco_l3==2511 & isco88==.
replace isco88=3225 if k9_anzsco_l3==4112 & isco88==.
replace isco88=3226 if k9_anzsco_l3==2525 & isco88==.
replace isco88=3226 if k9_anzsco_l3==4116 & isco88==.
replace isco88=3229 if k9_anzsco_l3==2513 & isco88==.
replace isco88=3229 if k9_anzsco_l3==2514 & isco88==.
replace isco88=3229 if k9_anzsco_l3==2520 & isco88==.
replace isco88=3229 if k9_anzsco_l3==2522 & isco88==.
replace isco88=3229 if k9_anzsco_l3==4113 & isco88==.
replace isco88=3229 if k9_anzsco_l3==4515 & isco88==.
replace isco88=3231 if k9_anzsco_l3==4114 & isco88==.
replace isco88=3340 if k9_anzsco_l3==4512 & isco88==.
replace isco88=3410 if k9_anzsco_l3==6100 & isco88==.
replace isco88=3410 if k9_anzsco_l3==6110 & isco88==.
replace isco88=3411 if k9_anzsco_l3==2220 & isco88==.
replace isco88=3411 if k9_anzsco_l3==2221 & isco88==.
replace isco88=3411 if k9_anzsco_l3==2222 & isco88==.
replace isco88=3411 if k9_anzsco_l3==2223 & isco88==.
replace isco88=3412 if k9_anzsco_l3==6112 & isco88==.

```

```

replace isco88=3413 if k9_anzsco_l3==6120 & isco88==.
replace isco88=3413 if k9_anzsco_l3==6121 & isco88==.
replace isco88=3414 if k9_anzsco_l3==4516 & isco88==.
replace isco88=3415 if k9_anzsco_l3==2252 & isco88==.
replace isco88=3415 if k9_anzsco_l3==2254 & isco88==.
replace isco88=3415 if k9_anzsco_l3==6113 & isco88==.
replace isco88=3415 if k9_anzsco_l3==6212 & isco88==.
replace isco88=3417 if k9_anzsco_l3==2245 & isco88==.
replace isco88=3417 if k9_anzsco_l3==5996 & isco88==.
replace isco88=3417 if k9_anzsco_l3==6111 & isco88==.
replace isco88=3431 if k9_anzsco_l3==5211 & isco88==.
replace isco88=3431 if k9_anzsco_l3==5212 & isco88==.
replace isco88=3432 if k9_anzsco_l3==5991 & isco88==.
replace isco88=3432 if k9_anzsco_l3==5992 & isco88==.
replace isco88=3439 if k9_anzsco_l3==5111 & isco88==.
replace isco88=3439 if k9_anzsco_l3==5121 & isco88==.
replace isco88=3439 if k9_anzsco_l3==5122 & isco88==.
replace isco88=3439 if k9_anzsco_l3==5200 & isco88==.
replace isco88=3439 if k9_anzsco_l3==5210 & isco88==.
replace isco88=3440 if k9_anzsco_l3==5995 & isco88==.
replace isco88=3450 if k9_anzsco_l3==4413 & isco88==.
replace isco88=3460 if k9_anzsco_l3==4115 & isco88==.
replace isco88=3460 if k9_anzsco_l3==4117 & isco88==.
replace isco88=3471 if k9_anzsco_l3==2325 & isco88==.
replace isco88=3471 if k9_anzsco_l3==6395 & isco88==.
replace isco88=3475 if k9_anzsco_l3==4520 & isco88==.
replace isco88=3475 if k9_anzsco_l3==4521 & isco88==.
replace isco88=3475 if k9_anzsco_l3==4522 & isco88==.
replace isco88=3475 if k9_anzsco_l3==4523 & isco88==.
replace isco88=3475 if k9_anzsco_l3==4524 & isco88==.
replace isco88=4100 if k9_anzsco_l3==5300 & isco88==.
replace isco88=4113 if k9_anzsco_l3==5320 & isco88==.
replace isco88=4113 if k9_anzsco_l3==5321 & isco88==.
replace isco88=4120 if k9_anzsco_l3==5500 & isco88==.
replace isco88=4121 if k9_anzsco_l3==5510 & isco88==.
replace isco88=4121 if k9_anzsco_l3==5511 & isco88==.
replace isco88=4121 if k9_anzsco_l3==5512 & isco88==.
replace isco88=4122 if k9_anzsco_l3==5513 & isco88==.
replace isco88=4122 if k9_anzsco_l3==5520 & isco88==.
replace isco88=4122 if k9_anzsco_l3==5521 & isco88==.
replace isco88=4122 if k9_anzsco_l3==5522 & isco88==.
replace isco88=4122 if k9_anzsco_l3==5523 & isco88==.
replace isco88=4130 if k9_anzsco_l3==5910 & isco88==.
replace isco88=4131 if k9_anzsco_l3==5911 & isco88==.
replace isco88=4133 if k9_anzsco_l3==5912 & isco88==.
replace isco88=4141 if k9_anzsco_l3==5613 & isco88==.
replace isco88=4141 if k9_anzsco_l3==5997 & isco88==.
replace isco88=4142 if k9_anzsco_l3==5614 & isco88==.
replace isco88=4190 if k9_anzsco_l3==5310 & isco88==.
replace isco88=4190 if k9_anzsco_l3==5311 & isco88==.
replace isco88=4190 if k9_anzsco_l3==5994 & isco88==.
replace isco88=4211 if k9_anzsco_l3==6310 & isco88==.
replace isco88=4211 if k9_anzsco_l3==6311 & isco88==.
replace isco88=4211 if k9_anzsco_l3==6394 & isco88==.
replace isco88=4213 if k9_anzsco_l3==4313 & isco88==.
replace isco88=4213 if k9_anzsco_l3==5611 & isco88==.
replace isco88=4215 if k9_anzsco_l3==5993 & isco88==.
replace isco88=4222 if k9_anzsco_l3==5410 & isco88==.
replace isco88=4222 if k9_anzsco_l3==5411 & isco88==.
replace isco88=4222 if k9_anzsco_l3==5412 & isco88==.
replace isco88=4222 if k9_anzsco_l3==5420 & isco88==.
replace isco88=4222 if k9_anzsco_l3==5421 & isco88==.
replace isco88=4223 if k9_anzsco_l3==5616 & isco88==.
replace isco88=5100 if k9_anzsco_l3==4518 & isco88==.
replace isco88=5113 if k9_anzsco_l3==4514 & isco88==.
replace isco88=5113 if k9_anzsco_l3==4517 & isco88==.

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```

replace isco88=5121 if k9_anzsco_l3==8114 & isco88==.
replace isco88=5122 if k9_anzsco_l3==3513 & isco88==.
replace isco88=5122 if k9_anzsco_l3==3514 & isco88==.
replace isco88=5122 if k9_anzsco_l3==8511 & isco88==.
replace isco88=5123 if k9_anzsco_l3==4311 & isco88==.
replace isco88=5123 if k9_anzsco_l3==4312 & isco88==.
replace isco88=5123 if k9_anzsco_l3==4315 & isco88==.
replace isco88=5131 if k9_anzsco_l3==4210 & isco88==.
replace isco88=5131 if k9_anzsco_l3==4211 & isco88==.
replace isco88=5132 if k9_anzsco_l3==4111 & isco88==.
replace isco88=5132 if k9_anzsco_l3==4232 & isco88==.
replace isco88=5132 if k9_anzsco_l3==4233 & isco88==.
replace isco88=5132 if k9_anzsco_l3==4234 & isco88==.
replace isco88=5133 if k9_anzsco_l3==4231 & isco88==.
replace isco88=5139 if k9_anzsco_l3==3613 & isco88==.
replace isco88=5141 if k9_anzsco_l3==3910 & isco88==.
replace isco88=5141 if k9_anzsco_l3==3911 & isco88==.
replace isco88=5141 if k9_anzsco_l3==4511 & isco88==.
replace isco88=5143 if k9_anzsco_l3==4513 & isco88==.
replace isco88=5161 if k9_anzsco_l3==4412 & isco88==.
replace isco88=5163 if k9_anzsco_l3==4421 & isco88==.
replace isco88=5169 if k9_anzsco_l3==4422 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6211 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6213 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6214 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6215 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6216 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6391 & isco88==.
replace isco88=5220 if k9_anzsco_l3==6392 & isco88==.
replace isco88=5230 if k9_anzsco_l3==6217 & isco88==.
replace isco88=6100 if k9_anzsco_l3==1200 & isco88==.
replace isco88=6100 if k9_anzsco_l3==1210 & isco88==.
replace isco88=6100 if k9_anzsco_l3==1214 & isco88==.
replace isco88=6111 if k9_anzsco_l3==1212 & isco88==.
replace isco88=6113 if k9_anzsco_l3==3622 & isco88==.
replace isco88=6113 if k9_anzsco_l3==3623 & isco88==.
replace isco88=6113 if k9_anzsco_l3==3624 & isco88==.
replace isco88=6121 if k9_anzsco_l3==1213 & isco88==.
replace isco88=6129 if k9_anzsco_l3==3611 & isco88==.
replace isco88=6129 if k9_anzsco_l3==3612 & isco88==.
replace isco88=6151 if k9_anzsco_l3==1211 & isco88==.
replace isco88=7120 if k9_anzsco_l3==3310 & isco88==.
replace isco88=7122 if k9_anzsco_l3==3311 & isco88==.
replace isco88=7123 if k9_anzsco_l3==8212 & isco88==.
replace isco88=7124 if k9_anzsco_l3==3312 & isco88==.
replace isco88=7124 if k9_anzsco_l3==3991 & isco88==.
replace isco88=7131 if k9_anzsco_l3==3333 & isco88==.
replace isco88=7132 if k9_anzsco_l3==3321 & isco88==.
replace isco88=7132 if k9_anzsco_l3==3334 & isco88==.
replace isco88=7133 if k9_anzsco_l3==3332 & isco88==.
replace isco88=7135 if k9_anzsco_l3==3331 & isco88==.
replace isco88=7136 if k9_anzsco_l3==3340 & isco88==.
replace isco88=7136 if k9_anzsco_l3==3341 & isco88==.
replace isco88=7137 if k9_anzsco_l3==3410 & isco88==.
replace isco88=7137 if k9_anzsco_l3==3411 & isco88==.
replace isco88=7141 if k9_anzsco_l3==3322 & isco88==.
replace isco88=7142 if k9_anzsco_l3==3243 & isco88==.
replace isco88=7200 if k9_anzsco_l3==3230 & isco88==.
replace isco88=7211 if k9_anzsco_l3==3221 & isco88==.
replace isco88=7213 if k9_anzsco_l3==3222 & isco88==.
replace isco88=7213 if k9_anzsco_l3==3241 & isco88==.
replace isco88=7214 if k9_anzsco_l3==3223 & isco88==.
replace isco88=7214 if k9_anzsco_l3==8217 & isco88==.
replace isco88=7222 if k9_anzsco_l3==3234 & isco88==.
replace isco88=7224 if k9_anzsco_l3==3233 & isco88==.
replace isco88=7231 if k9_anzsco_l3==3212 & isco88==.

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```

replace isco88=7231 if k9_anzsco_l3==8994 & isco88==.
replace isco88=7232 if k9_anzsco_l3==3231 & isco88==.
replace isco88=7233 if k9_anzsco_l3==3232 & isco88==.
replace isco88=7240 if k9_anzsco_l3==3420 & isco88==.
replace isco88=7241 if k9_anzsco_l3==3211 & isco88==.
replace isco88=7241 if k9_anzsco_l3==3421 & isco88==.
replace isco88=7242 if k9_anzsco_l3==3423 & isco88==.
replace isco88=7244 if k9_anzsco_l3==3424 & isco88==.
replace isco88=7245 if k9_anzsco_l3==3422 & isco88==.
replace isco88=7313 if k9_anzsco_l3==3994 & isco88==.
replace isco88=7324 if k9_anzsco_l3==3996 & isco88==.
replace isco88=7331 if k9_anzsco_l3==3942 & isco88==.
replace isco88=7332 if k9_anzsco_l3==3930 & isco88==.
replace isco88=7332 if k9_anzsco_l3==3931 & isco88==.
replace isco88=7340 if k9_anzsco_l3==3920 & isco88==.
replace isco88=7340 if k9_anzsco_l3==3922 & isco88==.
replace isco88=7341 if k9_anzsco_l3==3923 & isco88==.
replace isco88=7345 if k9_anzsco_l3==3921 & isco88==.
replace isco88=7411 if k9_anzsco_l3==3512 & isco88==.
replace isco88=7412 if k9_anzsco_l3==3511 & isco88==.
replace isco88=7420 if k9_anzsco_l3==3940 & isco88==.
replace isco88=7422 if k9_anzsco_l3==3941 & isco88==.
replace isco88=7430 if k9_anzsco_l3==3932 & isco88==.
replace isco88=7437 if k9_anzsco_l3==3933 & isco88==.
replace isco88=8000 if k9_anzsco_l3==7000 & isco88==.
replace isco88=8161 if k9_anzsco_l3==3992 & isco88==.
replace isco88=8212 if k9_anzsco_l3==7111 & isco88==.
replace isco88=8223 if k9_anzsco_l3==7112 & isco88==.
replace isco88=8224 if k9_anzsco_l3==7114 & isco88==.
replace isco88=8240 if k9_anzsco_l3==8394 & isco88==.
replace isco88=8251 if k9_anzsco_l3==8995 & isco88==.
replace isco88=8263 if k9_anzsco_l3==7116 & isco88==.
replace isco88=8271 if k9_anzsco_l3==8312 & isco88==.
replace isco88=8271 if k9_anzsco_l3==8313 & isco88==.
replace isco88=8281 if k9_anzsco_l3==3242 & isco88==.
replace isco88=8322 if k9_anzsco_l3==7311 & isco88==.
replace isco88=8323 if k9_anzsco_l3==7312 & isco88==.
replace isco88=8324 if k9_anzsco_l3==7330 & isco88==.
replace isco88=8324 if k9_anzsco_l3==7331 & isco88==.
replace isco88=8330 if k9_anzsco_l3==7200 & isco88==.
replace isco88=8330 if k9_anzsco_l3==7210 & isco88==.
replace isco88=8330 if k9_anzsco_l3==7219 & isco88==.
replace isco88=8331 if k9_anzsco_l3==7211 & isco88==.
replace isco88=8332 if k9_anzsco_l3==7212 & isco88==.
replace isco88=8333 if k9_anzsco_l3==7121 & isco88==.
replace isco88=8334 if k9_anzsco_l3==7213 & isco88==.
replace isco88=9113 if k9_anzsco_l3==6393 & isco88==.
replace isco88=9130 if k9_anzsco_l3==8116 & isco88==.
replace isco88=9131 if k9_anzsco_l3==8113 & isco88==.
replace isco88=9132 if k9_anzsco_l3==8112 & isco88==.
replace isco88=9132 if k9_anzsco_l3==8512 & isco88==.
replace isco88=9132 if k9_anzsco_l3==8513 & isco88==.
replace isco88=9133 if k9_anzsco_l3==8115 & isco88==.
replace isco88=9141 if k9_anzsco_l3==8991 & isco88==.
replace isco88=9142 if k9_anzsco_l3==8111 & isco88==.
replace isco88=9151 if k9_anzsco_l3==5612 & isco88==.
replace isco88=9151 if k9_anzsco_l3==7320 & isco88==.
replace isco88=9151 if k9_anzsco_l3==7321 & isco88==.
replace isco88=9153 if k9_anzsco_l3==8997 & isco88==.
replace isco88=9161 if k9_anzsco_l3==8996 & isco88==.
replace isco88=9210 if k9_anzsco_l3==8400 & isco88==.
replace isco88=9210 if k9_anzsco_l3==8410 & isco88==.
replace isco88=9210 if k9_anzsco_l3==8419 & isco88==.
replace isco88=9211 if k9_anzsco_l3==8412 & isco88==.
replace isco88=9211 if k9_anzsco_l3==8414 & isco88==.
replace isco88=9211 if k9_anzsco_l3==8415 & isco88==.

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replace isco88=9211 if k9_anzsco_l3==8416 & isco88==.
replace isco88=9212 if k9_anzsco_l3==8413 & isco88==.
replace isco88=9213 if k9_anzsco_l3==8411 & isco88==.
replace isco88=9213 if k9_anzsco_l3==8992 & isco88==.
replace isco88=9310 if k9_anzsco_l3==8200 & isco88==.
replace isco88=9310 if k9_anzsco_l3==8210 & isco88==.
replace isco88=9312 if k9_anzsco_l3==8211 & isco88==.
replace isco88=9312 if k9_anzsco_l3==8215 & isco88==.
replace isco88=9312 if k9_anzsco_l3==8216 & isco88==.
replace isco88=9313 if k9_anzsco_l3==8993 & isco88==.
replace isco88=9320 if k9_anzsco_l3==8320 & isco88==.
replace isco88=9321 if k9_anzsco_l3==8322 & isco88==.
replace isco88=9322 if k9_anzsco_l3==8311 & isco88==.
replace isco88=9322 if k9_anzsco_l3==8321 & isco88==.
replace isco88=9322 if k9_anzsco_l3==8391 & isco88==.
replace isco88=9322 if k9_anzsco_l3==8392 & isco88==.
replace isco88=9333 if k9_anzsco_l3==7400 & isco88==.
replace isco88=9333 if k9_anzsco_l3==7410 & isco88==.
replace isco88=9333 if k9_anzsco_l3==7411 & isco88==.
replace isco88=9333 if k9_anzsco_l3==8911 & isco88==.
replace isco88=9333 if k9_anzsco_l3==8912 & isco88==.
replace isco88=9996 if k9_anzsco_l3==0 & isco88==.
replace isco88=9999 if k9_anzsco_l3==-1 & isco88==.

```

*Individual recoding of respondent occupations that could not be matched using the concordance files

```

replace isco88=3221 if caseid==109691
replace isco88=5000 if caseid==109695
replace isco88=9996 if caseid==109806
replace isco88=1317 if caseid==109816
replace isco88=1300 if caseid==109855
replace isco88=1229 if caseid==109866
replace isco88=4222 if caseid==109906
replace isco88=3400 if caseid==110113
replace isco88=5133 if caseid==110244
replace isco88=5123 if caseid==110251
replace isco88=9996 if caseid==110264
replace isco88=1300 if caseid==110268
replace isco88=5133 if caseid==110272
replace isco88=5123 if caseid==110304
replace isco88=5133 if caseid==110329
replace isco88=9333 if caseid==110391
replace isco88=2400 if caseid==110395
replace isco88=8162 if caseid==110405
replace isco88=3221 if caseid==110433
replace isco88=3400 if caseid==110487
replace isco88=8110 if caseid==110496
replace isco88=3400 if caseid==110576
replace isco88=2114 if caseid==110594
replace isco88=3115 if caseid==110604
replace isco88=1314 if caseid==110629
replace isco88=5000 if caseid==110755
replace isco88=3211 if caseid==110847
replace isco88=3152 if caseid==110877
replace isco88=9313 if caseid==110907
replace isco88=9320 if caseid==110908
replace isco88=1312 if caseid==110933
replace isco88=9996 if caseid==110949
replace isco88=3400 if caseid==111168
replace isco88=9132 if caseid==111206
replace isco88=996 if caseid==111243
replace isco88=5133 if caseid==111264
replace isco88=5132 if caseid==111285
replace isco88=8211 if caseid==111292
replace isco88=8155 if caseid==111385
replace isco88=9320 if caseid==111399

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replace isco88=3211 if caseid==111440
replace isco88=3415 if caseid==111442
replace isco88=5133 if caseid==111462
replace isco88=2210 if caseid==111496
replace isco88=9300 if caseid==111528
replace isco88=9996 if caseid==111534
replace isco88=8281 if caseid==111563
replace isco88=2400 if caseid==111617
replace isco88=5220 if caseid==111654
replace isco88=5220 if caseid==111663
replace isco88=5220 if caseid==111686
replace isco88=5133 if caseid==111731
replace isco88=9996 if caseid==111786
replace isco88=3400 if caseid==111788
replace isco88=3400 if caseid==111796
replace isco88=9311 if caseid==111799
replace isco88=4000 if caseid==111804
replace isco88=4000 if caseid==111848
replace isco88=7132 if caseid==111857
replace isco88=5220 if caseid==111861
replace isco88=2431 if caseid==111989
replace isco88=3400 if caseid==111999
replace isco88=4000 if caseid==112008
replace isco88=3400 if caseid==112010
replace isco88=3439 if caseid==112013
replace isco88=3439 if caseid==112027
replace isco88=8000 if caseid==112067
replace isco88=5133 if caseid==112112
replace isco88=3152 if caseid==112284
replace isco88=9313 if caseid==112312
replace isco88=2410 if caseid==112330
replace isco88=7434 if caseid==112359
replace isco88=3120 if caseid==112439
replace isco88=9320 if caseid==112446
replace isco88=5220 if caseid==112627
replace isco88=1300 if caseid==112790
replace isco88=8260 if caseid==112808
replace isco88=1226 if caseid==112849
replace isco88=9300 if caseid==112953
replace isco88=3211 if caseid==112976
replace isco88=8000 if caseid==112978
replace isco88=2146 if caseid==112984
replace isco88=5220 if caseid==112999
replace isco88=1314 if caseid==113001
replace isco88=8275 if caseid==113007
replace isco88=8275 if caseid==113034
replace isco88=3211 if caseid==113039
replace isco88=9996 if caseid==113056
replace isco88=5133 if caseid==113063
replace isco88=8159 if caseid==113067
replace isco88=4000 if caseid==113095
replace isco88=7132 if caseid==113096
replace isco88=1310 if caseid==113111
replace isco88=9996 if caseid==113134
replace isco88=9000 if caseid==113148
replace isco88=3400 if caseid==113181
replace isco88=5120 if caseid==113209
replace isco88=5220 if caseid==113263
replace isco88=2113 if caseid==113345
replace isco88=5220 if caseid==113374
replace isco88=3400 if caseid==113494
replace isco88=7111 if caseid==113544
replace isco88=1319 if caseid==113606
replace isco88=9996 if caseid==113663
replace isco88=7231 if caseid==113690
replace isco88=1319 if caseid==113779

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```
replace isco88=3221 if caseid==113780
replace isco88=3400 if caseid==113840
replace isco88=3400 if caseid==113844
replace isco88=7241 if caseid==113874
replace isco88=3152 if caseid==113887
replace isco88=1237 if caseid==113909
replace isco88=7233 if caseid==113910
replace isco88=3400 if caseid==113938
replace isco88=9996 if caseid==113984
replace isco88=8111 if caseid==113986
replace isco88=3400 if caseid==113993
replace isco88=9996 if caseid==114072
replace isco88=1310 if caseid==114076
replace isco88=7111 if caseid==114209
replace isco88=1310 if caseid==114252
replace isco88=1310 if caseid==114273
replace isco88=8000 if caseid==114349
replace isco88=9996 if caseid==114387
replace isco88=7214 if caseid==114400
replace isco88=8263 if caseid==114447
replace isco88=7111 if caseid==114492
replace isco88=5220 if caseid==114517
replace isco88=3471 if caseid==114553
replace isco88=3400 if caseid==114649
replace isco88=9996 if caseid==114979
replace isco88=8262 if caseid==115439
replace isco88=5220 if caseid==115443
replace isco88=9996 if caseid==115706
replace isco88=0110 if caseid==115939
replace isco88=5220 if caseid==116180
replace isco88=3429 if caseid==116274
replace isco88=8231 if caseid==116300
replace isco88=5220 if caseid==116635
replace isco88=8251 if caseid==117052
replace isco88=1310 if caseid==117081
replace isco88=1310 if caseid==117307
replace isco88=5000 if caseid==117371
```

WRKSUP - Supervises others at work

	National Language	English Translation
<i>Question no. and text</i>	K13. Which of the following best describes the main position that you hold (or held)?	K13. Which of the following best describes the main position that you hold (or held)?
<i>Codes/ Categories</i>	1 Non -supervisory	1 Non -supervisory
	2 Supervisory	2 Supervisory
	3 Managerial	3 Managerial
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→WRKSUP
if K13=2 or 3 then WRKSUP=1	1. Yes, supervises
if K13=1 then WRKSUP=2	2. No, don't supervise
- not used -	7. Refused
- not used -	8. Don't know
if K13=-1 then WRKSUP=9	9. No answer
- not used -	0. NAP (Never had a job)

Optional: Recoding Syntax

--

WRKTYPE - R: Working for private sector, public sector or self-employed

	National Language	English Translation
<i>Question no. and text</i>	K14 Who do (or did) you work for in your main job?	K14 Who do (or did) you work for in your main job?
<i>Codes/ Categories</i>	1 A private company or business	1 A private company or business
	2 Federal/State/Local government	2 Federal/State/Local government
	3 A government owned business or enterprise	3 A government owned business or enterprise
	4 A family business or farm	4 A family business or farm
	5 Self-employed – without employees	5 Self-employed – without employees
	6 Self-employed – with employees	6 Self-employed – with employees
	7 A non-government organisation including charities	7 A non-government organisation including charities
<i>Interviewer Instruction</i>	Please cross one box	Please cross one box
<i>Translation Note</i>		
<i>Note</i>	<p>*NB: An extra category has been added below to code those working for non-government organisations and charities (as used in the GB and NZ data) People who work in a family business or farm have been coded as working for a 'private firm, others' (wrktype=3). However, some of these individuals may be self-employed, i.e they may own and run the family business or farm. In Australia the category of 0 'NAP, NAV' (Never had a job) is not used because it is not possible to explicitly identify respondents in this category. Those who do not have a job are asked to skip K14, and move on straight to K17. However it is not possible to separate out missing answers at K14 from actual skips among people who never had a job.</p>	

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→WRKTYPE
if K14=2 or 3 then WRKTYPE=1	1. Works for government
- not used -	2. Works for publicly owned firm
if K14=1 or 4 then WRKTYPE=3	3. Private firm, others (does not work for government or publicly owned firm, and not self employed)
if K14=5 or 6 then WRKTYPE=4	4. Self employed
if K14=7 then WRKTYPE=6	6. Voluntary sector & non profit sector[ADDED]
if K14=. then WRKTYPE=9	9. NA, DK
- not used -	0. NAP, NAV (Never had a job)

Optional: Recoding Syntax

--

NEMPLOY - (If self employed) Number of employees

	National Language	English Translation
<i>Question no. and text</i>	K15 If you are (or were) self-employed, please tell us how many staff you employ (or did employ).	K15 If you are (or were) self-employed, please tell us how many staff you employ (or did employ).
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding: (list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers)

Country Variable Codes/Construction Rules	→NEMPLOY
1 employee	[1]
150 employees	[150]
NEMPLOY=question K15	
if K15=0 NEMPLOY=9995	9995. No employee
- not used -	9997. Refused
- not used -	9998. Don't know
if K15=-1 NEMPLOY=9999	9999. No answer
if WRKTYPE<>4 NEMPLOY=0	0. NAV, NAP (Code 0, 1-3 in WRKTYPE)

Optional: Recoding Syntax

--

UNION - Is/was respondent member of a (trade) union?

	National Language	English Translation
<i>Question no. and text</i>	K16 Do you belong to a union?	K16 Do you belong to a union?
<i>Codes/ Categories</i>	1 Yes, currently a member	1 Yes, currently a member
	2 Once a member but no longer	2 Once a member but no longer
	3 Never a member	3 Never a member
<i>Interviewer Instructions</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→UNION
if K16=1 then UNION=1	1. Currently member
if K16=2 then UNION=2	2. Once member, not now
if K16=3 then UNION=3	3. Never member
- not used -	8. Don't know
if K16=-1 then UNION=9	9. No answer
-not used -	0. NAP, NAV

Optional: Recoding Syntax

--

SPWRKST – Spouse/partner: current employment status, main source of living

	National Language	English Translation
<i>Question no. and text</i>	L2 Which of the following best describes what your partner was doing last week?	L2 Which of the following best describes what your partner was doing last week?
<i>Codes/ Categories</i>	1 Working full-time for pay	1 Working full-time for pay
	2 Working part-time for pay	2 Working part-time for pay
	3 Working a few hours a week for pay	3 Working a few hours a week for pay
	4 Unemployed – looking for work	4 Unemployed – looking for work
	5 Retired from paid work	5 Retired from paid work
	6 A full-time school or university student	6 A full-time school or university student
	7 Household duties	7 Household duties
	8 Helping a family member	8 Helping a family member
	9 Living with a disability	9 Living with a disability
	10 Other (please specify)	10 Other (please specify)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

Question L2: To be answered by those who have a spouse/partner (code 2 or 3 in K31 or code 1 in K32)

Construction/Recoding:

Country Variable Codes/Construction Rules	→SPWRKST
if MARITAL= 2-5 or COHAB=2 then SPWRKST=0 if K31=1 and K32=-1 then SPWRKST=0 if K31=6 and K32=-1 then SPWRKST=0	00. NAP (no spouse, no partner – Code 2-5 in MARITAL or 2 in COHAB)
if L2=1 then SPWRKST=1	1. Empl. full time
if L2=2 then SPWRKST=2	2. Empl. part time
if L2=3 then SPWRKST=3	3. Empl. < part time / temp. out of work
if L2=8 then SPWRKST=4	4. Helping family member
if L2=4 then SPWRKST=5	5. Unemployed
if L2=6 then SPWRKST=6	6. Student / in school / in vocat. training
if L2=5 then SPWRKST=7	7. Retired
if L2=7 then SPWRKST=8	8. Housewife / home duties
if L2=9 then SPWRKST=9	9. Permanently disabled
if L2=10 then SPWRKST=10	10. Others not in labour force
- not used -	97. Refused
- not used -	98. Don't know
if L2=-1 then SPWRKST=99	99. No answer

Optional: Recoding Syntax

--

SPISCO88 - S-P: Occupation ISCO

Please give the text of the source question(s) on the spouse's occupation used in your field questionnaire. If ISCO88-codes are not coded directly from the responses, but derived from a country-specific occupation coding scheme, please provide a table of correspondence between country-specific and ISCO88 codes *attached as a separate file*. Please report which kind of ISCO code you apply. The most common ones are the code developed by the International Labour Organisation (ILO) and the variant developed for the European Union (EU), ISCO-COM. If you apply another variant such as ISCO88-CIS developed by the Statistical Committee of the Commonwealth of Independent States, then please specify.

Please do **not** enter **standard** ISCO88 codes here. But please report if your country **adds** or **changes** codes compared to ISCO88, if any.

	National Language	English Translation
<i>Question no. and text</i>	L3 What kind of work does (or did) your partner do in their main job? Please give their full job title, and as much detail as you can. Job title:	L3 What kind of work do you (or did you) do in your main job? Please give your full job title, and as much detail as you can. Job title:
<i>Interviewer Instruction</i>	For public servants, state official designation and occupation. For armed services personnel, state rank and occupation. If they are unemployed, retired or had a job in the past, please tell us about their last main paid job. If they have NEVER worked for pay, please go to question L8	For public servants, state official designation and occupation. For armed services personnel, state rank and occupation. If you are unemployed, retired or had a job in the past, please tell us about your last main paid job. If you have NEVER worked for pay, please go to question L8
<i>Question no. and text</i>	L4 What are (or were) the main tasks that your partner usually performs? Please give full details. Main tasks:	L4 What are (or were) the main tasks that your partner usually performs? Please give full details. Main tasks:
<i>Interviewer Instruction</i>		
<i>Question no. and text</i>	L5 And what industry do they (or did they) work in? Industry:	L5 And what industry do they (or did they) work in? Industry:
<i>Interviewer Instruction</i>	By industry, we mean the type of business or service performed where they work or worked (e.g. Commonwealth government, hairdressing, construction, hospitality)	By industry, we mean the type of business or service performed where they work or worked (e.g. Commonwealth government, hairdressing, construction, hospitality)
<i>Codes/ Categories deviating from ISCO88 /</i>		

<i>ISCO88-COM</i>		
<i>Translation Note</i>		
<i>Note</i>	<p>The above three questions were used to code the variable I3_anzsco_l3 (unit group level) and I3_anzsco_l4 (occupation level) according to the Australian Bureau of Statistic's Australian and New Zealand Standard Classification of Occupations (ANZSCO) First Edition, 2006.</p> <p>The recoding of partner's occupations from ANZSCO to ISCO-88 took place in 3 stages.</p> <ol style="list-style-type: none"> 4. ANZSCO codes were recoded to ISCO-88 codes at the occupation level (6 digit ANZSCO codes) if there was a direct match. 5. If a partner's occupation had not been coded up to the occupation level, or if there was No direct match at the occupation level, ANZSCO codes were recoded at the unit group level (4 digit ANZSCO codes). 6. If a recode was not possible in either steps 1 or 2 above, partner's occupations were coded manually to ISCO-88 codes by referring to the original responses and descriptions of the occupations as provided by the respondent (100 cases were manually coded). 	
<i>Use of ISCO</i>	ISCO88 (ILO) <input checked="" type="checkbox"/> ISCO88-COM (EU variant) Other ISCO88 variant <input type="checkbox"/> →please specify _____	

Filter Variable(s) and Conditions:

Question L3, L4, L5: To be answered by those who have a spouse/partner (code 2 or 3 in K31 or code 1 in K32)

Construction/Recoding:

Country Variable Codes/ Construction Rules	➔ SPISCO88
if I3_anzsco_l4=0 then SPISCO88=9996	9996. Not classif; inadeq described
- not used -	9997. Refused
- not used -	9998. Don't know
if I3_anzsco_l4=-1 then SPISCO88=9999	9999. Na
if MARITAL= 2-5 or COHAB=2 then SPISCO88=0 if K31=1 and K32=-1 then SPISCO88=0 if K31=6 and K32=-1 then SPISCO88=0	0000. NAP,NAV

Optional: Recoding Syntax

```
gen spisco88=.
```

```
*spisco88 CODING- AT THE OCCUPATION LEVEL
```

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*****
```

```
replace spisco88=1110 if I3_anzsco_l4==111311
```

```
replace spisco88=1110 if I3_anzsco_l4==111312
```

```
replace spisco88=1110 if I3_anzsco_l4==111399
```

```
replace spisco88=1221 if I3_anzsco_l4==133511
```

```
replace spisco88=1222 if I3_anzsco_l4==133512
```

```
replace spisco88=1222 if I3_anzsco_l4==133513
```

```
replace spisco88=1228 if I3_anzsco_l4==139912
```

```
replace spisco88=1229 if I3_anzsco_l4==134111
```

```
replace spisco88=1229 if I3_anzsco_l4==134211
```

```
replace spisco88=1229 if I3_anzsco_l4==134212
```

```
replace spisco88=1229 if I3_anzsco_l4==134213
```

```
replace spisco88=1229 if I3_anzsco_l4==134214
```

```
replace spisco88=1229 if I3_anzsco_l4==134299
```

```
replace spisco88=1229 if I3_anzsco_l4==134311
```

```
replace spisco88=1229 if I3_anzsco_l4==134411
```

```
replace spisco88=1229 if I3_anzsco_l4==134412
```

```
replace spisco88=1229 if I3_anzsco_l4==139911
```

```
replace spisco88=1229 if I3_anzsco_l4==139915
```

```
replace spisco88=1229 if I3_anzsco_l4==212111
```

```
replace spisco88=1229 if I3_anzsco_l4==212112
```

```
replace spisco88=1231 if I3_anzsco_l4==132211
```

```
replace spisco88=1231 if I3_anzsco_l4==221211
```

```
replace spisco88=1231 if I3_anzsco_l4==221212
```

```
replace spisco88=1232 if I3_anzsco_l4==132311
```

```
replace spisco88=1233 if I3_anzsco_l4==131112
```

```
replace spisco88=1234 if I3_anzsco_l4==131111
```

```
replace spisco88=1234 if I3_anzsco_l4==224213
```

```
replace spisco88=1236 if I3_anzsco_l4==135111
```

```
replace spisco88=1236 if I3_anzsco_l4==135112
```

```
replace spisco88=1236 if I3_anzsco_l4==135199
```

```
replace spisco88=1237 if I3_anzsco_l4==132511
```

```
replace spisco88=1239 if I3_anzsco_l4==133211
```

```
replace spisco88=1239 if I3_anzsco_l4==139112
```

```
replace spisco88=1239 if I3_anzsco_l4==139113
```

```
replace spisco88=1239 if I3_anzsco_l4==139914
```

```
replace spisco88=1312 if I3_anzsco_l4==133411
```

```
replace spisco88=1314 if I3_anzsco_l4==133312
```

```
replace spisco88=1314 if I3_anzsco_l4==142112
```

```
replace spisco88=1315 if I3_anzsco_l4==141911
```

```
replace spisco88=1316 if I3_anzsco_l4==149411
```

```
replace spisco88=1316 if I3_anzsco_l4==149413
```

```
replace spisco88=1317 if I3_anzsco_l4==149211
```

```
replace spisco88=1317 if I3_anzsco_l4==149212
```

```

replace spisco88=1317 if l3_anzsco_l4==149914
replace spisco88=1318 if l3_anzsco_l4==142114
replace spisco88=1318 if l3_anzsco_l4==149112
replace spisco88=1318 if l3_anzsco_l4==149911
replace spisco88=1319 if l3_anzsco_l4==133311
replace spisco88=1319 if l3_anzsco_l4==139913
replace spisco88=1319 if l3_anzsco_l4==141211
replace spisco88=1319 if l3_anzsco_l4==142113
replace spisco88=1319 if l3_anzsco_l4==142115
replace spisco88=1319 if l3_anzsco_l4==142116
replace spisco88=1319 if l3_anzsco_l4==149111
replace spisco88=1319 if l3_anzsco_l4==149113
replace spisco88=1319 if l3_anzsco_l4==149311
replace spisco88=1319 if l3_anzsco_l4==149412
replace spisco88=1319 if l3_anzsco_l4==149912
replace spisco88=1319 if l3_anzsco_l4==149913
replace spisco88=2111 if l3_anzsco_l4==234914
replace spisco88=2112 if l3_anzsco_l4==234913
replace spisco88=2113 if l3_anzsco_l4==234211
replace spisco88=2113 if l3_anzsco_l4==251512
replace spisco88=2114 if l3_anzsco_l4==234411
replace spisco88=2114 if l3_anzsco_l4==234412
replace spisco88=2121 if l3_anzsco_l4==224111
replace spisco88=2121 if l3_anzsco_l4==224112
replace spisco88=2122 if l3_anzsco_l4==224113
replace spisco88=2131 if l3_anzsco_l4==261111
replace spisco88=2131 if l3_anzsco_l4==261112
replace spisco88=2131 if l3_anzsco_l4==262111
replace spisco88=2131 if l3_anzsco_l4==263111
replace spisco88=2131 if l3_anzsco_l4==263113
replace spisco88=2132 if l3_anzsco_l4==261311
replace spisco88=2132 if l3_anzsco_l4==261312
replace spisco88=2132 if l3_anzsco_l4==261399
replace spisco88=2139 if l3_anzsco_l4==232414
replace spisco88=2139 if l3_anzsco_l4==261211
replace spisco88=2139 if l3_anzsco_l4==261212
replace spisco88=2139 if l3_anzsco_l4==262112
replace spisco88=2139 if l3_anzsco_l4==262113
replace spisco88=2139 if l3_anzsco_l4==263112
replace spisco88=2139 if l3_anzsco_l4==263211
replace spisco88=2139 if l3_anzsco_l4==263212
replace spisco88=2139 if l3_anzsco_l4==263213
replace spisco88=2139 if l3_anzsco_l4==263299
replace spisco88=2141 if l3_anzsco_l4==232111
replace spisco88=2141 if l3_anzsco_l4==232112
replace spisco88=2141 if l3_anzsco_l4==232611
replace spisco88=2142 if l3_anzsco_l4==233211
replace spisco88=2142 if l3_anzsco_l4==233212
replace spisco88=2142 if l3_anzsco_l4==233214
replace spisco88=2142 if l3_anzsco_l4==233215
replace spisco88=2143 if l3_anzsco_l4==233311
replace spisco88=2144 if l3_anzsco_l4==233411
replace spisco88=2144 if l3_anzsco_l4==263311
replace spisco88=2144 if l3_anzsco_l4==263312
replace spisco88=2145 if l3_anzsco_l4==233512
replace spisco88=2145 if l3_anzsco_l4==233911
replace spisco88=2145 if l3_anzsco_l4==233916
replace spisco88=2146 if l3_anzsco_l4==233111
replace spisco88=2146 if l3_anzsco_l4==234212
replace spisco88=2147 if l3_anzsco_l4==233611
replace spisco88=2147 if l3_anzsco_l4==233612
replace spisco88=2147 if l3_anzsco_l4==234912
replace spisco88=2148 if l3_anzsco_l4==232211
replace spisco88=2148 if l3_anzsco_l4==232212
replace spisco88=2149 if l3_anzsco_l4==233112
replace spisco88=2149 if l3_anzsco_l4==233213
replace spisco88=2149 if l3_anzsco_l4==233511
replace spisco88=2149 if l3_anzsco_l4==233513
replace spisco88=2149 if l3_anzsco_l4==233913
replace spisco88=2149 if l3_anzsco_l4==233915
replace spisco88=2149 if l3_anzsco_l4==233999
replace spisco88=2211 if l3_anzsco_l4==234313
replace spisco88=2211 if l3_anzsco_l4==234511
replace spisco88=2211 if l3_anzsco_l4==234515
replace spisco88=2211 if l3_anzsco_l4==234516

```

```

replace spisco88=2211 if l3_anzsco_l4==234517
replace spisco88=2211 if l3_anzsco_l4==234518
replace spisco88=2212 if l3_anzsco_l4==234512
replace spisco88=2212 if l3_anzsco_l4==234513
replace spisco88=2212 if l3_anzsco_l4==234514
replace spisco88=2212 if l3_anzsco_l4==234611
replace spisco88=2212 if l3_anzsco_l4==234999
replace spisco88=2212 if l3_anzsco_l4==253915
replace spisco88=2213 if l3_anzsco_l4==234112
replace spisco88=2221 if l3_anzsco_l4==253111
replace spisco88=2221 if l3_anzsco_l4==253112
replace spisco88=2221 if l3_anzsco_l4==253211
replace spisco88=2221 if l3_anzsco_l4==253311
replace spisco88=2221 if l3_anzsco_l4==253312
replace spisco88=2221 if l3_anzsco_l4==253313
replace spisco88=2221 if l3_anzsco_l4==253314
replace spisco88=2221 if l3_anzsco_l4==253315
replace spisco88=2221 if l3_anzsco_l4==253316
replace spisco88=2221 if l3_anzsco_l4==253317
replace spisco88=2221 if l3_anzsco_l4==253321
replace spisco88=2221 if l3_anzsco_l4==253322
replace spisco88=2221 if l3_anzsco_l4==253323
replace spisco88=2221 if l3_anzsco_l4==253324
replace spisco88=2221 if l3_anzsco_l4==253399
replace spisco88=2221 if l3_anzsco_l4==253411
replace spisco88=2221 if l3_anzsco_l4==253511
replace spisco88=2221 if l3_anzsco_l4==253512
replace spisco88=2221 if l3_anzsco_l4==253513
replace spisco88=2221 if l3_anzsco_l4==253514
replace spisco88=2221 if l3_anzsco_l4==253515
replace spisco88=2221 if l3_anzsco_l4==253516
replace spisco88=2221 if l3_anzsco_l4==253517
replace spisco88=2221 if l3_anzsco_l4==253518
replace spisco88=2221 if l3_anzsco_l4==253521
replace spisco88=2221 if l3_anzsco_l4==253911
replace spisco88=2221 if l3_anzsco_l4==253912
replace spisco88=2221 if l3_anzsco_l4==253913
replace spisco88=2221 if l3_anzsco_l4==253914
replace spisco88=2221 if l3_anzsco_l4==253916
replace spisco88=2221 if l3_anzsco_l4==253999
replace spisco88=2222 if l3_anzsco_l4==252311
replace spisco88=2222 if l3_anzsco_l4==252312
replace spisco88=2223 if l3_anzsco_l4==234711
replace spisco88=2224 if l3_anzsco_l4==251511
replace spisco88=2224 if l3_anzsco_l4==251513
replace spisco88=2229 if l3_anzsco_l4==251999
replace spisco88=2230 if l3_anzsco_l4==254111
replace spisco88=2230 if l3_anzsco_l4==254212
replace spisco88=2230 if l3_anzsco_l4==254311
replace spisco88=2230 if l3_anzsco_l4==254411
replace spisco88=2230 if l3_anzsco_l4==254412
replace spisco88=2230 if l3_anzsco_l4==254413
replace spisco88=2230 if l3_anzsco_l4==254414
replace spisco88=2230 if l3_anzsco_l4==254415
replace spisco88=2230 if l3_anzsco_l4==254416
replace spisco88=2230 if l3_anzsco_l4==254417
replace spisco88=2230 if l3_anzsco_l4==254418
replace spisco88=2230 if l3_anzsco_l4==254421
replace spisco88=2230 if l3_anzsco_l4==254422
replace spisco88=2230 if l3_anzsco_l4==254423
replace spisco88=2230 if l3_anzsco_l4==254424
replace spisco88=2230 if l3_anzsco_l4==254499
replace spisco88=2310 if l3_anzsco_l4==242111
replace spisco88=2310 if l3_anzsco_l4==242112
replace spisco88=2310 if l3_anzsco_l4==254211
replace spisco88=2320 if l3_anzsco_l4==241411
replace spisco88=2331 if l3_anzsco_l4==241211
replace spisco88=2331 if l3_anzsco_l4==241212
replace spisco88=2331 if l3_anzsco_l4==241213
replace spisco88=2331 if l3_anzsco_l4==241311
replace spisco88=2332 if l3_anzsco_l4==241111
replace spisco88=2332 if l3_anzsco_l4==241112
replace spisco88=2340 if l3_anzsco_l4==241511
replace spisco88=2340 if l3_anzsco_l4==241512

```

```

replace spisco88=2340 if l3_anzsco_l4==241513
replace spisco88=2340 if l3_anzsco_l4==241599
replace spisco88=2351 if l3_anzsco_l4==249111
replace spisco88=2352 if l3_anzsco_l4==249112
replace spisco88=2359 if l3_anzsco_l4==249211
replace spisco88=2359 if l3_anzsco_l4==249212
replace spisco88=2359 if l3_anzsco_l4==249213
replace spisco88=2359 if l3_anzsco_l4==249214
replace spisco88=2359 if l3_anzsco_l4==249299
replace spisco88=2359 if l3_anzsco_l4==249311
replace spisco88=2411 if l3_anzsco_l4==221111
replace spisco88=2411 if l3_anzsco_l4==221112
replace spisco88=2411 if l3_anzsco_l4==221113
replace spisco88=2411 if l3_anzsco_l4==221213
replace spisco88=2411 if l3_anzsco_l4==221214
replace spisco88=2412 if l3_anzsco_l4==223111
replace spisco88=2412 if l3_anzsco_l4==223113
replace spisco88=2412 if l3_anzsco_l4==223211
replace spisco88=2412 if l3_anzsco_l4==223311
replace spisco88=2412 if l3_anzsco_l4==272111
replace spisco88=2419 if l3_anzsco_l4==222311
replace spisco88=2419 if l3_anzsco_l4==222312
replace spisco88=2419 if l3_anzsco_l4==224411
replace spisco88=2419 if l3_anzsco_l4==224412
replace spisco88=2419 if l3_anzsco_l4==224711
replace spisco88=2419 if l3_anzsco_l4==224712
replace spisco88=2419 if l3_anzsco_l4==224912
replace spisco88=2419 if l3_anzsco_l4==224914
replace spisco88=2419 if l3_anzsco_l4==225111
replace spisco88=2419 if l3_anzsco_l4==225112
replace spisco88=2419 if l3_anzsco_l4==225113
replace spisco88=2419 if l3_anzsco_l4==225311
replace spisco88=2419 if l3_anzsco_l4==442216
replace spisco88=2421 if l3_anzsco_l4==271111
replace spisco88=2421 if l3_anzsco_l4==271311
replace spisco88=2422 if l3_anzsco_l4==271211
replace spisco88=2422 if l3_anzsco_l4==271212
replace spisco88=2429 if l3_anzsco_l4==224913
replace spisco88=2429 if l3_anzsco_l4==271213
replace spisco88=2429 if l3_anzsco_l4==271299
replace spisco88=2431 if l3_anzsco_l4==224211
replace spisco88=2431 if l3_anzsco_l4==224212
replace spisco88=2431 if l3_anzsco_l4==234911
replace spisco88=2432 if l3_anzsco_l4==224214
replace spisco88=2432 if l3_anzsco_l4==224611
replace spisco88=2441 if l3_anzsco_l4==224311
replace spisco88=2441 if l3_anzsco_l4==224511
replace spisco88=2442 if l3_anzsco_l4==272499
replace spisco88=2443 if l3_anzsco_l4==272411
replace spisco88=2444 if l3_anzsco_l4==272412
replace spisco88=2444 if l3_anzsco_l4==272413
replace spisco88=2445 if l3_anzsco_l4==272311
replace spisco88=2445 if l3_anzsco_l4==272312
replace spisco88=2445 if l3_anzsco_l4==272313
replace spisco88=2445 if l3_anzsco_l4==272314
replace spisco88=2445 if l3_anzsco_l4==272399
replace spisco88=2446 if l3_anzsco_l4==272112
replace spisco88=2446 if l3_anzsco_l4==272113
replace spisco88=2446 if l3_anzsco_l4==272114
replace spisco88=2446 if l3_anzsco_l4==272115
replace spisco88=2446 if l3_anzsco_l4==272199
replace spisco88=2446 if l3_anzsco_l4==272511
replace spisco88=2446 if l3_anzsco_l4==272611
replace spisco88=2446 if l3_anzsco_l4==272612
replace spisco88=2446 if l3_anzsco_l4==272613
replace spisco88=2451 if l3_anzsco_l4==212211
replace spisco88=2451 if l3_anzsco_l4==212212
replace spisco88=2451 if l3_anzsco_l4==212411
replace spisco88=2451 if l3_anzsco_l4==212412
replace spisco88=2451 if l3_anzsco_l4==212413
replace spisco88=2451 if l3_anzsco_l4==212414
replace spisco88=2451 if l3_anzsco_l4==212415
replace spisco88=2451 if l3_anzsco_l4==212416
replace spisco88=2451 if l3_anzsco_l4==212499
replace spisco88=2452 if l3_anzsco_l4==211411

```



```

replace spisco88=2452 if l3_anzsco_l4==211413
replace spisco88=2452 if l3_anzsco_l4==211499
replace spisco88=2452 if l3_anzsco_l4==232412
replace spisco88=2453 if l3_anzsco_l4==211211
replace spisco88=2453 if l3_anzsco_l4==211299
replace spisco88=2455 if l3_anzsco_l4==211111
replace spisco88=2455 if l3_anzsco_l4==212311
replace spisco88=2455 if l3_anzsco_l4==212312
replace spisco88=2455 if l3_anzsco_l4==212313
replace spisco88=2455 if l3_anzsco_l4==212315
replace spisco88=2455 if l3_anzsco_l4==212316
replace spisco88=2455 if l3_anzsco_l4==212317
replace spisco88=2455 if l3_anzsco_l4==212318
replace spisco88=2455 if l3_anzsco_l4==212399
replace spisco88=3111 if l3_anzsco_l4==311411
replace spisco88=3111 if l3_anzsco_l4==311412
replace spisco88=3111 if l3_anzsco_l4==311414
replace spisco88=3112 if l3_anzsco_l4==312112
replace spisco88=3112 if l3_anzsco_l4==312116
replace spisco88=3112 if l3_anzsco_l4==312212
replace spisco88=3113 if l3_anzsco_l4==312312
replace spisco88=3114 if l3_anzsco_l4==313212
replace spisco88=3114 if l3_anzsco_l4==313213
replace spisco88=3114 if l3_anzsco_l4==313214
replace spisco88=3115 if l3_anzsco_l4==231215
replace spisco88=3115 if l3_anzsco_l4==312512
replace spisco88=3116 if l3_anzsco_l4==312999
replace spisco88=3117 if l3_anzsco_l4==312913
replace spisco88=3118 if l3_anzsco_l4==312111
replace spisco88=3118 if l3_anzsco_l4==312211
replace spisco88=3118 if l3_anzsco_l4==312311
replace spisco88=3118 if l3_anzsco_l4==312411
replace spisco88=3118 if l3_anzsco_l4==312511
replace spisco88=3119 if l3_anzsco_l4==312114
replace spisco88=3119 if l3_anzsco_l4==399916
replace spisco88=3121 if l3_anzsco_l4==313111
replace spisco88=3121 if l3_anzsco_l4==313112
replace spisco88=3121 if l3_anzsco_l4==313113
replace spisco88=3131 if l3_anzsco_l4==211311
replace spisco88=3131 if l3_anzsco_l4==212314
replace spisco88=3131 if l3_anzsco_l4==399512
replace spisco88=3131 if l3_anzsco_l4==399516
replace spisco88=3131 if l3_anzsco_l4==399517
replace spisco88=3131 if l3_anzsco_l4==399915
replace spisco88=3131 if l3_anzsco_l4==599912
replace spisco88=3132 if l3_anzsco_l4==342312
replace spisco88=3132 if l3_anzsco_l4==399511
replace spisco88=3132 if l3_anzsco_l4==599914
replace spisco88=3132 if l3_anzsco_l4==711912
replace spisco88=3133 if l3_anzsco_l4==251211
replace spisco88=3133 if l3_anzsco_l4==251212
replace spisco88=3133 if l3_anzsco_l4==251213
replace spisco88=3133 if l3_anzsco_l4==251214
replace spisco88=3133 if l3_anzsco_l4==311211
replace spisco88=3133 if l3_anzsco_l4==311212
replace spisco88=3133 if l3_anzsco_l4==311214
replace spisco88=3133 if l3_anzsco_l4==311299
replace spisco88=3139 if l3_anzsco_l4==399513
replace spisco88=3141 if l3_anzsco_l4==231212
replace spisco88=3142 if l3_anzsco_l4==231213
replace spisco88=3142 if l3_anzsco_l4==231214
replace spisco88=3142 if l3_anzsco_l4==231299
replace spisco88=3143 if l3_anzsco_l4==231111
replace spisco88=3143 if l3_anzsco_l4==231114
replace spisco88=3143 if l3_anzsco_l4==231199
replace spisco88=3144 if l3_anzsco_l4==231112
replace spisco88=3151 if l3_anzsco_l4==312113
replace spisco88=3151 if l3_anzsco_l4==312115
replace spisco88=3152 if l3_anzsco_l4==251311
replace spisco88=3152 if l3_anzsco_l4==251312
replace spisco88=3152 if l3_anzsco_l4==251911
replace spisco88=3152 if l3_anzsco_l4==311312
replace spisco88=3152 if l3_anzsco_l4==311399
replace spisco88=3152 if l3_anzsco_l4==312611
replace spisco88=3152 if l3_anzsco_l4==839311

```

```

replace spisco88=3152 if l3_anzsco_l4==839313
replace spisco88=3211 if l3_anzsco_l4==311213
replace spisco88=3212 if l3_anzsco_l4==311111
replace spisco88=3213 if l3_anzsco_l4==234111
replace spisco88=3213 if l3_anzsco_l4==234311
replace spisco88=3213 if l3_anzsco_l4==234312
replace spisco88=3221 if l3_anzsco_l4==411511
replace spisco88=3221 if l3_anzsco_l4==411512
replace spisco88=3223 if l3_anzsco_l4==251111
replace spisco88=3224 if l3_anzsco_l4==251411
replace spisco88=3224 if l3_anzsco_l4==399913
replace spisco88=3225 if l3_anzsco_l4==411211
replace spisco88=3225 if l3_anzsco_l4==411214
replace spisco88=3226 if l3_anzsco_l4==252111
replace spisco88=3226 if l3_anzsco_l4==252112
replace spisco88=3226 if l3_anzsco_l4==252511
replace spisco88=3226 if l3_anzsco_l4==252611
replace spisco88=3226 if l3_anzsco_l4==411311
replace spisco88=3226 if l3_anzsco_l4==411611
replace spisco88=3228 if l3_anzsco_l4==311215
replace spisco88=3229 if l3_anzsco_l4==251412
replace spisco88=3229 if l3_anzsco_l4==251912
replace spisco88=3229 if l3_anzsco_l4==252212
replace spisco88=3229 if l3_anzsco_l4==252411
replace spisco88=3229 if l3_anzsco_l4==252711
replace spisco88=3229 if l3_anzsco_l4==252712
replace spisco88=3231 if l3_anzsco_l4==411411
replace spisco88=3232 if l3_anzsco_l4==411412
replace spisco88=3241 if l3_anzsco_l4==252211
replace spisco88=3241 if l3_anzsco_l4==252213
replace spisco88=3241 if l3_anzsco_l4==252214
replace spisco88=3241 if l3_anzsco_l4==252215
replace spisco88=3241 if l3_anzsco_l4==451511
replace spisco88=3242 if l3_anzsco_l4==451899
replace spisco88=3310 if l3_anzsco_l4==422111
replace spisco88=3320 if l3_anzsco_l4==422115
replace spisco88=3330 if l3_anzsco_l4==422112
replace spisco88=3340 if l3_anzsco_l4==231113
replace spisco88=3340 if l3_anzsco_l4==451211
replace spisco88=3411 if l3_anzsco_l4==222112
replace spisco88=3411 if l3_anzsco_l4==222199
replace spisco88=3411 if l3_anzsco_l4==222211
replace spisco88=3411 if l3_anzsco_l4==222213
replace spisco88=3411 if l3_anzsco_l4==222299
replace spisco88=3412 if l3_anzsco_l4==222113
replace spisco88=3412 if l3_anzsco_l4==552312
replace spisco88=3412 if l3_anzsco_l4==611211
replace spisco88=3413 if l3_anzsco_l4==612111
replace spisco88=3413 if l3_anzsco_l4==612112
replace spisco88=3413 if l3_anzsco_l4==612113
replace spisco88=3413 if l3_anzsco_l4==612114
replace spisco88=3413 if l3_anzsco_l4==612115
replace spisco88=3415 if l3_anzsco_l4==225211
replace spisco88=3415 if l3_anzsco_l4==225212
replace spisco88=3415 if l3_anzsco_l4==225213
replace spisco88=3415 if l3_anzsco_l4==225411
replace spisco88=3415 if l3_anzsco_l4==225412
replace spisco88=3415 if l3_anzsco_l4==225499
replace spisco88=3415 if l3_anzsco_l4==611311
replace spisco88=3415 if l3_anzsco_l4==611312
replace spisco88=3415 if l3_anzsco_l4==611313
replace spisco88=3415 if l3_anzsco_l4==611314
replace spisco88=3415 if l3_anzsco_l4==611399
replace spisco88=3416 if l3_anzsco_l4==639211
replace spisco88=3416 if l3_anzsco_l4==639212
replace spisco88=3417 if l3_anzsco_l4==224512
replace spisco88=3417 if l3_anzsco_l4==599611
replace spisco88=3417 if l3_anzsco_l4==599612
replace spisco88=3417 if l3_anzsco_l4==599613
replace spisco88=3417 if l3_anzsco_l4==611111
replace spisco88=3419 if l3_anzsco_l4==611112
replace spisco88=3421 if l3_anzsco_l4==222111
replace spisco88=3421 if l3_anzsco_l4==222212
replace spisco88=3422 if l3_anzsco_l4==591212
replace spisco88=3431 if l3_anzsco_l4==511111

```

```

replace spisco88=3431 if l3_anzsco_l4==512211
replace spisco88=3431 if l3_anzsco_l4==512299
replace spisco88=3432 if l3_anzsco_l4==599111
replace spisco88=3432 if l3_anzsco_l4==599112
replace spisco88=3432 if l3_anzsco_l4==599211
replace spisco88=3432 if l3_anzsco_l4==599212
replace spisco88=3432 if l3_anzsco_l4==599214
replace spisco88=3432 if l3_anzsco_l4==599215
replace spisco88=3433 if l3_anzsco_l4==551211
replace spisco88=3439 if l3_anzsco_l4==224911
replace spisco88=3439 if l3_anzsco_l4==399312
replace spisco88=3441 if l3_anzsco_l4==311313
replace spisco88=3441 if l3_anzsco_l4==599511
replace spisco88=3441 if l3_anzsco_l4==599512
replace spisco88=3442 if l3_anzsco_l4==599516
replace spisco88=3443 if l3_anzsco_l4==599515
replace spisco88=3444 if l3_anzsco_l4==599513
replace spisco88=3449 if l3_anzsco_l4==311311
replace spisco88=3449 if l3_anzsco_l4==599514
replace spisco88=3449 if l3_anzsco_l4==599517
replace spisco88=3449 if l3_anzsco_l4==599518
replace spisco88=3449 if l3_anzsco_l4==599521
replace spisco88=3449 if l3_anzsco_l4==599599
replace spisco88=3450 if l3_anzsco_l4==441311
replace spisco88=3450 if l3_anzsco_l4==442214
replace spisco88=3450 if l3_anzsco_l4==442215
replace spisco88=3460 if l3_anzsco_l4==411711
replace spisco88=3460 if l3_anzsco_l4==411712
replace spisco88=3460 if l3_anzsco_l4==411713
replace spisco88=3460 if l3_anzsco_l4==411714
replace spisco88=3460 if l3_anzsco_l4==411715
replace spisco88=3460 if l3_anzsco_l4==411716
replace spisco88=3460 if l3_anzsco_l4==423411
replace spisco88=3460 if l3_anzsco_l4==423412
replace spisco88=3460 if l3_anzsco_l4==423413
replace spisco88=3471 if l3_anzsco_l4==232311
replace spisco88=3471 if l3_anzsco_l4==232312
replace spisco88=3471 if l3_anzsco_l4==232313
replace spisco88=3471 if l3_anzsco_l4==232411
replace spisco88=3471 if l3_anzsco_l4==232413
replace spisco88=3471 if l3_anzsco_l4==232511
replace spisco88=3471 if l3_anzsco_l4==399912
replace spisco88=3472 if l3_anzsco_l4==212113
replace spisco88=3472 if l3_anzsco_l4==212114
replace spisco88=3474 if l3_anzsco_l4==211199
replace spisco88=3475 if l3_anzsco_l4==452111
replace spisco88=3475 if l3_anzsco_l4==452311
replace spisco88=3475 if l3_anzsco_l4==452312
replace spisco88=3475 if l3_anzsco_l4==452313
replace spisco88=3475 if l3_anzsco_l4==452314
replace spisco88=3475 if l3_anzsco_l4==452315
replace spisco88=3475 if l3_anzsco_l4==452316
replace spisco88=3475 if l3_anzsco_l4==452317
replace spisco88=3475 if l3_anzsco_l4==452318
replace spisco88=3475 if l3_anzsco_l4==452321
replace spisco88=3475 if l3_anzsco_l4==452322
replace spisco88=3475 if l3_anzsco_l4==452323
replace spisco88=3475 if l3_anzsco_l4==452411
replace spisco88=3475 if l3_anzsco_l4==452412
replace spisco88=3475 if l3_anzsco_l4==452413
replace spisco88=3475 if l3_anzsco_l4==452499
replace spisco88=4111 if l3_anzsco_l4==532112
replace spisco88=4112 if l3_anzsco_l4==532113
replace spisco88=4113 if l3_anzsco_l4==532111
replace spisco88=4115 if l3_anzsco_l4==521111
replace spisco88=4115 if l3_anzsco_l4==521211
replace spisco88=4115 if l3_anzsco_l4==521212
replace spisco88=4121 if l3_anzsco_l4==551111
replace spisco88=4121 if l3_anzsco_l4==551112
replace spisco88=4121 if l3_anzsco_l4==551311
replace spisco88=4122 if l3_anzsco_l4==552211
replace spisco88=4122 if l3_anzsco_l4==552313
replace spisco88=4122 if l3_anzsco_l4==561511
replace spisco88=4131 if l3_anzsco_l4==591113
replace spisco88=4131 if l3_anzsco_l4==591114

```

```

replace spisco88=4131 if l3_anzsco_l4==591115
replace spisco88=4131 if l3_anzsco_l4==591116
replace spisco88=4131 if l3_anzsco_l4==712922
replace spisco88=4132 if l3_anzsco_l4==312911
replace spisco88=4132 if l3_anzsco_l4==591111
replace spisco88=4132 if l3_anzsco_l4==591112
replace spisco88=4133 if l3_anzsco_l4==591211
replace spisco88=4141 if l3_anzsco_l4==561311
replace spisco88=4141 if l3_anzsco_l4==599711
replace spisco88=4142 if l3_anzsco_l4==561212
replace spisco88=4142 if l3_anzsco_l4==561411
replace spisco88=4142 if l3_anzsco_l4==561412
replace spisco88=4143 if l3_anzsco_l4==599911
replace spisco88=4143 if l3_anzsco_l4==599913
replace spisco88=4190 if l3_anzsco_l4==531111
replace spisco88=4190 if l3_anzsco_l4==561911
replace spisco88=4190 if l3_anzsco_l4==561999
replace spisco88=4190 if l3_anzsco_l4==599411
replace spisco88=4211 if l3_anzsco_l4==631111
replace spisco88=4211 if l3_anzsco_l4==631112
replace spisco88=4211 if l3_anzsco_l4==639411
replace spisco88=4212 if l3_anzsco_l4==552111
replace spisco88=4213 if l3_anzsco_l4==431311
replace spisco88=4213 if l3_anzsco_l4==552311
replace spisco88=4213 if l3_anzsco_l4==561111
replace spisco88=4213 if l3_anzsco_l4==561112
replace spisco88=4213 if l3_anzsco_l4==561113
replace spisco88=4213 if l3_anzsco_l4==561199
replace spisco88=4215 if l3_anzsco_l4==599311
replace spisco88=4221 if l3_anzsco_l4==451611
replace spisco88=4222 if l3_anzsco_l4==541111
replace spisco88=4222 if l3_anzsco_l4==541112
replace spisco88=4222 if l3_anzsco_l4==541211
replace spisco88=4222 if l3_anzsco_l4==542111
replace spisco88=4222 if l3_anzsco_l4==542112
replace spisco88=4222 if l3_anzsco_l4==542113
replace spisco88=4222 if l3_anzsco_l4==542114
replace spisco88=4223 if l3_anzsco_l4==561611
replace spisco88=5111 if l3_anzsco_l4==451711
replace spisco88=5111 if l3_anzsco_l4==451799
replace spisco88=5112 if l3_anzsco_l4==639412
replace spisco88=5113 if l3_anzsco_l4==451411
replace spisco88=5113 if l3_anzsco_l4==451412
replace spisco88=5113 if l3_anzsco_l4==452211
replace spisco88=5113 if l3_anzsco_l4==452212
replace spisco88=5113 if l3_anzsco_l4==452213
replace spisco88=5113 if l3_anzsco_l4==452214
replace spisco88=5113 if l3_anzsco_l4==452215
replace spisco88=5113 if l3_anzsco_l4==452216
replace spisco88=5113 if l3_anzsco_l4==452217
replace spisco88=5113 if l3_anzsco_l4==452299
replace spisco88=5121 if l3_anzsco_l4==431411
replace spisco88=5121 if l3_anzsco_l4==811411
replace spisco88=5121 if l3_anzsco_l4==811412
replace spisco88=5122 if l3_anzsco_l4==351311
replace spisco88=5122 if l3_anzsco_l4==351411
replace spisco88=5122 if l3_anzsco_l4==851111
replace spisco88=5123 if l3_anzsco_l4==431111
replace spisco88=5123 if l3_anzsco_l4==431112
replace spisco88=5123 if l3_anzsco_l4==431211
replace spisco88=5123 if l3_anzsco_l4==431511
replace spisco88=5131 if l3_anzsco_l4==421111
replace spisco88=5131 if l3_anzsco_l4==421112
replace spisco88=5131 if l3_anzsco_l4==421113
replace spisco88=5131 if l3_anzsco_l4==421114
replace spisco88=5132 if l3_anzsco_l4==411111
replace spisco88=5132 if l3_anzsco_l4==411112
replace spisco88=5132 if l3_anzsco_l4==423311
replace spisco88=5132 if l3_anzsco_l4==423312
replace spisco88=5132 if l3_anzsco_l4==423313
replace spisco88=5133 if l3_anzsco_l4==423111
replace spisco88=5141 if l3_anzsco_l4==391111
replace spisco88=5141 if l3_anzsco_l4==399514
replace spisco88=5141 if l3_anzsco_l4==451111
replace spisco88=5141 if l3_anzsco_l4==451812

```

```

replace spisco88=5143 if l3_anzsco_l4==451311
replace spisco88=5143 if l3_anzsco_l4==451399
replace spisco88=5149 if l3_anzsco_l4==451512
replace spisco88=5149 if l3_anzsco_l4==451811
replace spisco88=5149 if l3_anzsco_l4==451813
replace spisco88=5161 if l3_anzsco_l4==441212
replace spisco88=5162 if l3_anzsco_l4==441312
replace spisco88=5163 if l3_anzsco_l4==442111
replace spisco88=5169 if l3_anzsco_l4==234314
replace spisco88=5169 if l3_anzsco_l4==441211
replace spisco88=5169 if l3_anzsco_l4==442211
replace spisco88=5169 if l3_anzsco_l4==442212
replace spisco88=5169 if l3_anzsco_l4==442213
replace spisco88=5169 if l3_anzsco_l4==442217
replace spisco88=5169 if l3_anzsco_l4==442299
replace spisco88=5169 if l3_anzsco_l4==452414
replace spisco88=5210 if l3_anzsco_l4==639111
replace spisco88=5220 if l3_anzsco_l4==362111
replace spisco88=5220 if l3_anzsco_l4==621211
replace spisco88=5220 if l3_anzsco_l4==621312
replace spisco88=5220 if l3_anzsco_l4==621411
replace spisco88=5220 if l3_anzsco_l4==621511
replace spisco88=5220 if l3_anzsco_l4==621611
replace spisco88=5220 if l3_anzsco_l4==621912
replace spisco88=5220 if l3_anzsco_l4==621999
replace spisco88=5220 if l3_anzsco_l4==639112
replace spisco88=5220 if l3_anzsco_l4==639511
replace spisco88=6113 if l3_anzsco_l4==362211
replace spisco88=6113 if l3_anzsco_l4==362212
replace spisco88=6113 if l3_anzsco_l4==362213
replace spisco88=6113 if l3_anzsco_l4==362311
replace spisco88=6113 if l3_anzsco_l4==362411
replace spisco88=6121 if l3_anzsco_l4==361211
replace spisco88=6129 if l3_anzsco_l4==361111
replace spisco88=6129 if l3_anzsco_l4==361112
replace spisco88=6129 if l3_anzsco_l4==361113
replace spisco88=6129 if l3_anzsco_l4==361114
replace spisco88=6129 if l3_anzsco_l4==361199
replace spisco88=6141 if l3_anzsco_l4==841313
replace spisco88=6154 if l3_anzsco_l4==841911
replace spisco88=7112 if l3_anzsco_l4==712213
replace spisco88=7123 if l3_anzsco_l4==821211
replace spisco88=7123 if l3_anzsco_l4==821713
replace spisco88=7124 if l3_anzsco_l4==331211
replace spisco88=7124 if l3_anzsco_l4==331213
replace spisco88=7129 if l3_anzsco_l4==821311
replace spisco88=7129 if l3_anzsco_l4==821412
replace spisco88=7129 if l3_anzsco_l4==821712
replace spisco88=7129 if l3_anzsco_l4==821911
replace spisco88=7129 if l3_anzsco_l4==899918
replace spisco88=7131 if l3_anzsco_l4==333311
replace spisco88=7132 if l3_anzsco_l4==332111
replace spisco88=7132 if l3_anzsco_l4==333411
replace spisco88=7133 if l3_anzsco_l4==333211
replace spisco88=7133 if l3_anzsco_l4==333212
replace spisco88=7134 if l3_anzsco_l4==821411
replace spisco88=7134 if l3_anzsco_l4==821913
replace spisco88=7135 if l3_anzsco_l4==333111
replace spisco88=7135 if l3_anzsco_l4==899412
replace spisco88=7136 if l3_anzsco_l4==334111
replace spisco88=7136 if l3_anzsco_l4==334112
replace spisco88=7136 if l3_anzsco_l4==334113
replace spisco88=7136 if l3_anzsco_l4==334114
replace spisco88=7136 if l3_anzsco_l4==334115
replace spisco88=7137 if l3_anzsco_l4==341112
replace spisco88=7141 if l3_anzsco_l4==332211
replace spisco88=7142 if l3_anzsco_l4==711211
replace spisco88=7143 if l3_anzsco_l4==811699
replace spisco88=7143 if l3_anzsco_l4==841912
replace spisco88=7211 if l3_anzsco_l4==322114
replace spisco88=7212 if l3_anzsco_l4==322312
replace spisco88=7212 if l3_anzsco_l4==322313
replace spisco88=7213 if l3_anzsco_l4==322211
replace spisco88=7213 if l3_anzsco_l4==323113
replace spisco88=7213 if l3_anzsco_l4==324111

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```

replace spisco88=7213 if l3_anzsco_l4==324211
replace spisco88=7214 if l3_anzsco_l4==821714
replace spisco88=7215 if l3_anzsco_l4==821711
replace spisco88=7216 if l3_anzsco_l4==399911
replace spisco88=7221 if l3_anzsco_l4==322111
replace spisco88=7221 if l3_anzsco_l4==322113
replace spisco88=7222 if l3_anzsco_l4==323312
replace spisco88=7222 if l3_anzsco_l4==323313
replace spisco88=7222 if l3_anzsco_l4==323411
replace spisco88=7222 if l3_anzsco_l4==323412
replace spisco88=7223 if l3_anzsco_l4==323214
replace spisco88=7224 if l3_anzsco_l4==322115
replace spisco88=7231 if l3_anzsco_l4==321213
replace spisco88=7231 if l3_anzsco_l4==321214
replace spisco88=7231 if l3_anzsco_l4==899411
replace spisco88=7231 if l3_anzsco_l4==899413
replace spisco88=7231 if l3_anzsco_l4==899414
replace spisco88=7231 if l3_anzsco_l4==899415
replace spisco88=7231 if l3_anzsco_l4==899911
replace spisco88=7231 if l3_anzsco_l4==899916
replace spisco88=7232 if l3_anzsco_l4==323112
replace spisco88=7233 if l3_anzsco_l4==323215
replace spisco88=7233 if l3_anzsco_l4==323299
replace spisco88=7233 if l3_anzsco_l4==342111
replace spisco88=7241 if l3_anzsco_l4==321111
replace spisco88=7241 if l3_anzsco_l4==323111
replace spisco88=7241 if l3_anzsco_l4==341113
replace spisco88=7242 if l3_anzsco_l4==342314
replace spisco88=7242 if l3_anzsco_l4==342315
replace spisco88=7243 if l3_anzsco_l4==342311
replace spisco88=7243 if l3_anzsco_l4==342313
replace spisco88=7245 if l3_anzsco_l4==342211
replace spisco88=7245 if l3_anzsco_l4==342212
replace spisco88=7245 if l3_anzsco_l4==342411
replace spisco88=7245 if l3_anzsco_l4==342412
replace spisco88=7245 if l3_anzsco_l4==342413
replace spisco88=7311 if l3_anzsco_l4==323314
replace spisco88=7311 if l3_anzsco_l4==323316
replace spisco88=7312 if l3_anzsco_l4==399515
replace spisco88=7313 if l3_anzsco_l4==399411
replace spisco88=7322 if l3_anzsco_l4==399914
replace spisco88=7324 if l3_anzsco_l4==399611
replace spisco88=7341 if l3_anzsco_l4==899511
replace spisco88=7341 if l3_anzsco_l4==899512
replace spisco88=7346 if l3_anzsco_l4==392112
replace spisco88=7411 if l3_anzsco_l4==351211
replace spisco88=7411 if l3_anzsco_l4==831211
replace spisco88=7411 if l3_anzsco_l4==831212
replace spisco88=7412 if l3_anzsco_l4==351111
replace spisco88=7412 if l3_anzsco_l4==351112
replace spisco88=7414 if l3_anzsco_l4==831199
replace spisco88=7421 if l3_anzsco_l4==839312
replace spisco88=7422 if l3_anzsco_l4==394111
replace spisco88=7422 if l3_anzsco_l4==394211
replace spisco88=7422 if l3_anzsco_l4==394212
replace spisco88=7423 if l3_anzsco_l4==394214
replace spisco88=7431 if l3_anzsco_l4==399917
replace spisco88=7432 if l3_anzsco_l4==393299
replace spisco88=7433 if l3_anzsco_l4==393213
replace spisco88=7435 if l3_anzsco_l4==393211
replace spisco88=7435 if l3_anzsco_l4==393212
replace spisco88=7436 if l3_anzsco_l4==393111
replace spisco88=7436 if l3_anzsco_l4==393113
replace spisco88=7437 if l3_anzsco_l4==324212
replace spisco88=7437 if l3_anzsco_l4==393311
replace spisco88=7441 if l3_anzsco_l4==839917
replace spisco88=7442 if l3_anzsco_l4==393114
replace spisco88=8112 if l3_anzsco_l4==712311
replace spisco88=8113 if l3_anzsco_l4==712211
replace spisco88=8141 if l3_anzsco_l4==711312
replace spisco88=8155 if l3_anzsco_l4==399212
replace spisco88=8161 if l3_anzsco_l4==399213
replace spisco88=8162 if l3_anzsco_l4==712911
replace spisco88=8163 if l3_anzsco_l4==712921
replace spisco88=8212 if l3_anzsco_l4==711112

```

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replace spisco88=8212 if l3_anzsco_l4==711114
replace spisco88=8212 if l3_anzsco_l4==712913
replace spisco88=8212 if l3_anzsco_l4==712914
replace spisco88=8212 if l3_anzsco_l4==712915
replace spisco88=8223 if l3_anzsco_l4==322112
replace spisco88=8231 if l3_anzsco_l4==711516
replace spisco88=8232 if l3_anzsco_l4==711511
replace spisco88=8232 if l3_anzsco_l4==711512
replace spisco88=8232 if l3_anzsco_l4==711513
replace spisco88=8232 if l3_anzsco_l4==711514
replace spisco88=8232 if l3_anzsco_l4==711515
replace spisco88=8232 if l3_anzsco_l4==711599
replace spisco88=8251 if l3_anzsco_l4==392311
replace spisco88=8251 if l3_anzsco_l4==392312
replace spisco88=8253 if l3_anzsco_l4==711311
replace spisco88=8261 if l3_anzsco_l4==711716
replace spisco88=8262 if l3_anzsco_l4==711713
replace spisco88=8262 if l3_anzsco_l4==711715
replace spisco88=8263 if l3_anzsco_l4==711611
replace spisco88=8264 if l3_anzsco_l4==711714
replace spisco88=8264 if l3_anzsco_l4==811611
replace spisco88=8266 if l3_anzsco_l4==711711
replace spisco88=8273 if l3_anzsco_l4==831116
replace spisco88=8274 if l3_anzsco_l4==831111
replace spisco88=8275 if l3_anzsco_l4==831115
replace spisco88=8276 if l3_anzsco_l4==831117
replace spisco88=8278 if l3_anzsco_l4==831112
replace spisco88=8278 if l3_anzsco_l4==831118
replace spisco88=8290 if l3_anzsco_l4==711914
replace spisco88=8290 if l3_anzsco_l4==721912
replace spisco88=8311 if l3_anzsco_l4==731311
replace spisco88=8312 if l3_anzsco_l4==712917
replace spisco88=8312 if l3_anzsco_l4==899917
replace spisco88=8322 if l3_anzsco_l4==731111
replace spisco88=8322 if l3_anzsco_l4==731112
replace spisco88=8322 if l3_anzsco_l4==731199
replace spisco88=8322 if l3_anzsco_l4==732111
replace spisco88=8323 if l3_anzsco_l4==731211
replace spisco88=8323 if l3_anzsco_l4==731212
replace spisco88=8323 if l3_anzsco_l4==731213
replace spisco88=8323 if l3_anzsco_l4==731312
replace spisco88=8324 if l3_anzsco_l4==733111
replace spisco88=8324 if l3_anzsco_l4==733112
replace spisco88=8324 if l3_anzsco_l4==733113
replace spisco88=8324 if l3_anzsco_l4==733114
replace spisco88=8324 if l3_anzsco_l4==733115
replace spisco88=8331 if l3_anzsco_l4==721111
replace spisco88=8331 if l3_anzsco_l4==721112
replace spisco88=8332 if l3_anzsco_l4==721211
replace spisco88=8332 if l3_anzsco_l4==721212
replace spisco88=8332 if l3_anzsco_l4==721213
replace spisco88=8332 if l3_anzsco_l4==721214
replace spisco88=8332 if l3_anzsco_l4==721215
replace spisco88=8332 if l3_anzsco_l4==721216
replace spisco88=8332 if l3_anzsco_l4==721913
replace spisco88=8332 if l3_anzsco_l4==721914
replace spisco88=8332 if l3_anzsco_l4==721915
replace spisco88=8333 if l3_anzsco_l4==712111
replace spisco88=8334 if l3_anzsco_l4==721311
replace spisco88=8340 if l3_anzsco_l4==899211
replace spisco88=9113 if l3_anzsco_l4==639311
replace spisco88=9131 if l3_anzsco_l4==811311
replace spisco88=9132 if l3_anzsco_l4==431911
replace spisco88=9132 if l3_anzsco_l4==851211
replace spisco88=9132 if l3_anzsco_l4==851299
replace spisco88=9132 if l3_anzsco_l4==851311
replace spisco88=9141 if l3_anzsco_l4==899111
replace spisco88=9142 if l3_anzsco_l4==811612
replace spisco88=9151 if l3_anzsco_l4==899915
replace spisco88=9151 if l3_anzsco_l4==899922
replace spisco88=9152 if l3_anzsco_l4==899912
replace spisco88=9152 if l3_anzsco_l4==899913
replace spisco88=9152 if l3_anzsco_l4==899921
replace spisco88=9153 if l3_anzsco_l4==561912

```

```

replace spisco88=9153 if l3_anzsco_l4==561913
replace spisco88=9153 if l3_anzsco_l4==899711
replace spisco88=9161 if l3_anzsco_l4==621911
replace spisco88=9161 if l3_anzsco_l4==899611
replace spisco88=9162 if l3_anzsco_l4==721916
replace spisco88=9211 if l3_anzsco_l4==841211
replace spisco88=9211 if l3_anzsco_l4==841212
replace spisco88=9211 if l3_anzsco_l4==841213
replace spisco88=9211 if l3_anzsco_l4==841214
replace spisco88=9211 if l3_anzsco_l4==841215
replace spisco88=9211 if l3_anzsco_l4==841216
replace spisco88=9211 if l3_anzsco_l4==841299
replace spisco88=9211 if l3_anzsco_l4==841411
replace spisco88=9211 if l3_anzsco_l4==841412
replace spisco88=9211 if l3_anzsco_l4==841511
replace spisco88=9211 if l3_anzsco_l4==841512
replace spisco88=9211 if l3_anzsco_l4==841514
replace spisco88=9211 if l3_anzsco_l4==841515
replace spisco88=9211 if l3_anzsco_l4==841516
replace spisco88=9211 if l3_anzsco_l4==841517
replace spisco88=9211 if l3_anzsco_l4==841599
replace spisco88=9211 if l3_anzsco_l4==841611
replace spisco88=9212 if l3_anzsco_l4==841312
replace spisco88=9213 if l3_anzsco_l4==841111
replace spisco88=9213 if l3_anzsco_l4==841999
replace spisco88=9311 if l3_anzsco_l4==821912
replace spisco88=9311 if l3_anzsco_l4==821914
replace spisco88=9311 if l3_anzsco_l4==821915
replace spisco88=9312 if l3_anzsco_l4==821112
replace spisco88=9312 if l3_anzsco_l4==821113
replace spisco88=9312 if l3_anzsco_l4==821511
replace spisco88=9312 if l3_anzsco_l4==821611
replace spisco88=9313 if l3_anzsco_l4==821111
replace spisco88=9313 if l3_anzsco_l4==821114
replace spisco88=9313 if l3_anzsco_l4==899311
replace spisco88=9313 if l3_anzsco_l4==899914
replace spisco88=9321 if l3_anzsco_l4==832211
replace spisco88=9322 if l3_anzsco_l4==832111
replace spisco88=9322 if l3_anzsco_l4==832113
replace spisco88=9322 if l3_anzsco_l4==832114
replace spisco88=9322 if l3_anzsco_l4==832115
replace spisco88=9322 if l3_anzsco_l4==832199
replace spisco88=9322 if l3_anzsco_l4==839111
replace spisco88=9322 if l3_anzsco_l4==839211
replace spisco88=9322 if l3_anzsco_l4==839212
replace spisco88=9322 if l3_anzsco_l4==839411
replace spisco88=9322 if l3_anzsco_l4==839412
replace spisco88=9322 if l3_anzsco_l4==839413
replace spisco88=9322 if l3_anzsco_l4==839911
replace spisco88=9322 if l3_anzsco_l4==839912
replace spisco88=9322 if l3_anzsco_l4==839913
replace spisco88=9322 if l3_anzsco_l4==839914
replace spisco88=9322 if l3_anzsco_l4==839915
replace spisco88=9322 if l3_anzsco_l4==839916
replace spisco88=9322 if l3_anzsco_l4==839999
replace spisco88=9333 if l3_anzsco_l4==712912
replace spisco88=9333 if l3_anzsco_l4==721911
replace spisco88=9333 if l3_anzsco_l4==891111
replace spisco88=9333 if l3_anzsco_l4==891112
replace spisco88=9333 if l3_anzsco_l4==891113
replace spisco88=9333 if l3_anzsco_l4==891211
replace spisco88=0110 if l3_anzsco_l4==111212
replace spisco88=0110 if l3_anzsco_l4==139111
replace spisco88=0110 if l3_anzsco_l4==139211
replace spisco88=0110 if l3_anzsco_l4==441111

```

*Missing

```
replace spisco88=9999 if l3_anzsco_l4=-1
```

*spisco88 CODING- AT THE UNIT GROUP LEVEL

```

replace spisco88=110 if l3_anzsco_l3==1391 &t spisco88==.
replace spisco88=110 if l3_anzsco_l3==1392 &t spisco88==.
replace spisco88=110 if l3_anzsco_l3==4411 &t spisco88==.

```



```

replace spisco88=9313 if l3_anzsco_l3==8993 & spisco88==.
replace spisco88=9320 if l3_anzsco_l3==8320 & spisco88==.
replace spisco88=9321 if l3_anzsco_l3==8322 & spisco88==.
replace spisco88=9322 if l3_anzsco_l3==8311 & spisco88==.
replace spisco88=9322 if l3_anzsco_l3==8321 & spisco88==.
replace spisco88=9322 if l3_anzsco_l3==8391 & spisco88==.
replace spisco88=9322 if l3_anzsco_l3==8392 & spisco88==.
replace spisco88=9333 if l3_anzsco_l3==7400 & spisco88==.
replace spisco88=9333 if l3_anzsco_l3==7410 & spisco88==.
replace spisco88=9333 if l3_anzsco_l3==7411 & spisco88==.
replace spisco88=9333 if l3_anzsco_l3==8911 & spisco88==.
replace spisco88=9333 if l3_anzsco_l3==8912 & spisco88==.
replace spisco88=9996 if l3_anzsco_l3==0 & spisco88==.
replace spisco88=9999 if l3_anzsco_l3==-1 & spisco88==.

```

*Individual recoding of partner's occupations that could not be matched using the concordance files

```

replace spisco88=5169 if caseid==109616
replace spisco88=9300 if caseid==109650
replace spisco88=1319 if caseid==109730
replace spisco88=9996 if caseid==109848
replace spisco88=9999 if caseid==109860
replace spisco88=9996 if caseid==109887
replace spisco88=3400 if caseid==109899
replace spisco88=3400 if caseid==109986
replace spisco88=3400 if caseid==109990
replace spisco88=9996 if caseid==110118
replace spisco88=5133 if caseid==110143
replace spisco88=9999 if caseid==110154
replace spisco88=5169 if caseid==110229
replace spisco88=4131 if caseid==110261
replace spisco88=3400 if caseid==110287
replace spisco88=5133 if caseid==110289
replace spisco88=8332 if caseid==110312
replace spisco88=6113 if caseid==110318
replace spisco88=9999 if caseid==110322
replace spisco88=9999 if caseid==110380
replace spisco88=9996 if caseid==110449
replace spisco88=5133 if caseid==110558
replace spisco88=4211 if caseid==110635
replace spisco88=5133 if caseid==110680
replace spisco88=7311 if caseid==110711
replace spisco88=7432 if caseid==110753
replace spisco88=9996 if caseid==111016
replace spisco88=1310 if caseid==111106
replace spisco88=1310 if caseid==111168
replace spisco88=8323 if caseid==111220
replace spisco88=9999 if caseid==111296
replace spisco88=7137 if caseid==111499
replace spisco88=9999 if caseid==111505
replace spisco88=9999 if caseid==111531
replace spisco88=9999 if caseid==111603
replace spisco88=5133 if caseid==111677
replace spisco88=5133 if caseid==111718
replace spisco88=5133 if caseid==111725
replace spisco88=5133 if caseid==111748
replace spisco88=9999 if caseid==111758
replace spisco88=8200 if caseid==111780
replace spisco88=9999 if caseid==111803
replace spisco88=9996 if caseid==111829
replace spisco88=5220 if caseid==111853
replace spisco88=3400 if caseid==111989
replace spisco88=5220 if caseid==111998
replace spisco88=2110 if caseid==112010
replace spisco88=9996 if caseid==112138
replace spisco88=8270 if caseid==112187
replace spisco88=9999 if caseid==112214
replace spisco88=9999 if caseid==112217
replace spisco88=7400 if caseid==112246
replace spisco88=2100 if caseid==112270
replace spisco88=3429 if caseid==112282
replace spisco88=9999 if caseid==112360
replace spisco88=7130 if caseid==112434
replace spisco88=7100 if caseid==112456

```

```

replace spisco88=3400 if caseid==112502
replace spisco88=2139 if caseid==112522
replace spisco88=1314 if caseid==112662
replace spisco88=3100 if caseid==112738
replace spisco88=9130 if caseid==112788
replace spisco88=4100 if caseid==112831
replace spisco88=5100 if caseid==112856
replace spisco88=7436 if caseid==112881
replace spisco88=9996 if caseid==112896
replace spisco88=9999 if caseid==112900
replace spisco88=7400 if caseid==112902
replace spisco88=9996 if caseid==112977
replace spisco88=9320 if caseid==112983
replace spisco88=9996 if caseid==113045
replace spisco88=9996 if caseid==113054
replace spisco88=9996 if caseid==113067
replace spisco88=9999 if caseid==113108
replace spisco88=8323 if caseid==113126
replace spisco88=4210 if caseid==113142
replace spisco88=9999 if caseid==113153
replace spisco88=3232 if caseid==113191
replace spisco88=4210 if caseid==113218
replace spisco88=3152 if caseid==113286
replace spisco88=9999 if caseid==113302
replace spisco88=2213 if caseid==113304
replace spisco88=3471 if caseid==113329
replace spisco88=9999 if caseid==113556
replace spisco88=9999 if caseid==113619
replace spisco88=3470 if caseid==113632
replace spisco88=5133 if caseid==113733
replace spisco88=1221 if caseid==113776
replace spisco88=9996 if caseid==113788
replace spisco88=9999 if caseid==113812
replace spisco88=9996 if caseid==113839
replace spisco88=8320 if caseid==113857
replace spisco88=9999 if caseid==113877
replace spisco88=9996 if caseid==113943
replace spisco88=5133 if caseid==113983
replace spisco88=5220 if caseid==114022
replace spisco88=9996 if caseid==114050
replace spisco88=9312 if caseid==114072
replace spisco88=9999 if caseid==114091
replace spisco88=9999 if caseid==114188
replace spisco88=9999 if caseid==114191
replace spisco88=9999 if caseid==114236
replace spisco88=5123 if caseid==114455
replace spisco88=8110 if caseid==114497
replace spisco88=9996 if caseid==114608
replace spisco88=9996 if caseid==114796
replace spisco88=9999 if caseid==114819
replace spisco88=3475 if caseid==114864
replace spisco88=2213 if caseid==115077
replace spisco88=9999 if caseid==115102
replace spisco88=9996 if caseid==115667
replace spisco88=7410 if caseid==115768
replace spisco88=2411 if caseid==115779
replace spisco88=1233 if caseid==116274
replace spisco88=9999 if caseid==116376
replace spisco88=9999 if caseid==116453
replace spisco88=4130 if caseid==116506
replace spisco88=9996 if caseid==116533
replace spisco88=1316 if caseid==116541
replace spisco88=7311 if caseid==116545
replace spisco88=4110 if caseid==116659
replace spisco88=1222 if caseid==116954
replace spisco88=7000 if caseid==117003
replace spisco88=5141 if caseid==117133
replace spisco88=7300 if caseid==117201
replace spisco88=2000 if caseid==117405

```

SPWRKTYP – S-P: Working for private sector, public sector or self-employed

	National Language	English Translation
<i>Question no. and text</i>	L7 Who does (or did) your partner work for in their main job?	L7 Who does (or did) your partner work for in their main job?
<i>Codes/ Categories</i>	1 A private company or business	1 A private company or business
	2 Federal/State/Local government	2 Federal/State/Local government
	3 A government owned business	3 A government owned business
	4 A family business or farm	4 A family business or farm
	5 Self-employed – without employees	5 Self-employed – without employees
	6 Self-employed – with employees	6 Self-employed – with employees
	7 A non-government organisation including charities	7 A non-government organisation including charities
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

Question L7: To be answered by those who have a spouse/partner (code 2 or 3 in K31 or code 1 in K32)

Construction/Recoding:

Country Variable Codes/Construction Rules	→SPWRKTYP
if L7=2 or 3 then SPWRKTYP=1 - not used	1. Works for government
if L7=1 or 4 then SPWRKTYP=3	2. Works for publicly owned firm
if L7=5 or 6 then SPWRKTYP=4	3. Private firm, others (does not work for government or publicly owned firm, and not self employed)
if L7=7 then SPWRKTYP=6	4. Self employed
if L7=-1 then SPWRKTYP=9	6. Voluntary sector, non-profit org [ADDED]
if MARITAL= 2-5 or COHAB=2 then SPWRKST=0 if K31=1 and K32=-1 then SPWRKST=0 if K31=6 and K32=-1 then SPWRKST=0	9. NA, DK
	0. NAP, NAV (Never had a job)

Optional: Recoding Syntax

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INCOME – Family income

	National Language	English Translation
<i>Question no. and text</i>	K47 What is your gross household income, before tax or other deductions, from all sources?	K47 What is your gross household income, before tax or other deductions, from all sources?
<i>Codes/ Categories</i>	SAME AS ABOVE	SAME AS ABOVE
	\$1 - \$199 per week (\$1- \$10,399 per year)	\$1 - \$199 per week (\$1- \$10,399 per year)
	\$200 - \$299 per week (\$10,400 - \$15,599 per year)	\$200 - \$299 per week (\$10,400 - \$15,599 per year)
	\$300 - \$399 per week (\$15,600 - \$20,799 per year)	\$300 - \$399 per week (\$15,600 - \$20,799 per year)
	\$400 - \$499 per week (\$20,800 - \$25,999 per year)	\$400 - \$499 per week (\$20,800 - \$25,999 per year)
	\$500 - \$599 per week (\$26,000 - \$31,199 per year)	\$500 - \$599 per week (\$26,000 - \$31,199 per year)
	\$600 - \$699 per week (\$31,200 - \$36,399 per year)	\$600 - \$699 per week (\$31,200 - \$36,399 per year)
	\$700 - \$799 per week (\$36,400 - \$41,599 per year)	\$700 - \$799 per week (\$36,400 - \$41,599 per year)
	\$800 - \$999 per week (\$41,600 - \$51,999 per year)	\$800 - \$999 per week (\$41,600 - \$51,999 per year)
	\$1,000 - \$1,499 per week (\$52,000 - \$77,999 per year)	\$1,000 - \$1,499 per week (\$52,000 - \$77,999 per year)
	\$1,500 - \$1,999 per week (\$78,000 - \$103,999 per year)	\$1,500 - \$1,999 per week (\$78,000 - \$103,999 per year)
	\$2,000 - \$2,499 per week (\$104,000 - \$129,999 per year)	\$2,000 - \$2,499 per week (\$104,000 - \$129,999 per year)
	\$2,500 - \$3,499 per week (\$130,000 - \$181,999 per year)	\$2,500 - \$3,499 per week (\$130,000 - \$181,999 per year)
	\$3,500 or more per week (\$182,000 or more per year)	\$3,500 or more per week (\$182,000 or more per year)
<i>Interviewer Instruction</i>	Please include any pensions and allowances and income from interest or dividends. If you are the only income earner in your household, please cross SAME AS ABOVE	Please include any pensions and allowances and income from interest or dividends. If you are the only income earner in your household, please cross SAME AS ABOVE
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding: (If asking for income classes, report classes offered to respondents. If asking for individual amounts, list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers.)

Country Variable Codes/Construction Rules	→ nat_INC
if K47=1 then AU_INC=AU_RINC	

if K47=2 or 3120 or 7280 or 9360 then AU_INC=5200	5200. \$1- \$10,399 pa
if K47=3 then AU_INC=13000	13000. \$10,400 - \$15,599 pa
if K47=4 then AU_INC=18200	18200. \$15,600 - \$20,799 pa
if K47=5 then AU_INC=23400	23400. \$20,800 - \$25,999 pa
if K47=6 then AU_INC=28600	28600. \$26,000 - \$31,199 pa
if K47=7 then AU_INC=33800	33800. \$31,200 - \$36,399 pa
if K47=8 then AU_INC=39000	39000. \$36,400 - \$41,599 pa
if K47=9 then AU_INC=46800	46800. \$41,600 - \$51,999 pa
if K47=10 then AU_INC=65000	65000. \$52,000 - \$77,999 pa
if K47=11 then AU_INC=91000	91000. \$78,000 - \$103,999 pa
if K47=12 or 13 or 14 then AU_INC=104000	10400. \$104,000 or more pa
if K47=-1 then AU_INC=999999	999999. NA
if K47=1 and K46=1 then AU_INC=0	000000. No income

Optional: Recoding Syntax

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ISSP 2009 Australia

RINCOME - R: Earnings

	National Language	English Translation
<i>Question no. and text</i>	K46 What is <u>your</u> gross annual income, before tax or other deductions, from all sources? Please include any pensions and allowances, and income from interest or dividends.	K46 What is <u>your</u> gross annual income, before tax or other deductions, from all sources? Please include any pensions and allowances, and income from interest or dividends.
<i>Codes/ Categories</i>	Nil income	Nil income
	\$1 - \$119 per week (\$1 - \$6,239 per year)	\$1 - \$119 per week (\$1 - \$6,239 per year)
	\$120 - \$159 per week (\$6,240 - \$8,319 per year)	\$120 - \$159 per week (\$6,240 - \$8,319 per year)
	\$160 - \$199 per week (\$8,320 - \$10,399 per year)	\$160 - \$199 per week (\$8,320 - \$10,399 per year)
	\$200 - \$299 per week (\$10,400 - \$15,599 per year)	\$200 - \$299 per week (\$10,400 - \$15,599 per year)
	\$300 - \$399 per week (\$15,600 - \$20,799 per year)	\$300 - \$399 per week (\$15,600 - \$20,799 per year)
	\$400 - \$499 per week (\$20,800 - \$25,999 per year)	\$400 - \$499 per week (\$20,800 - \$25,999 per year)
	\$500 - \$599 per week (\$26,000 - \$31,199 per year)	\$500 - \$599 per week (\$26,000 - \$31,199 per year)
	\$600 - \$699 per week (\$31,200 - \$36,399 per year)	\$600 - \$699 per week (\$31,200 - \$36,399 per year)
	\$700 - \$799 per week (\$36,400 - \$41,599 per year)	\$700 - \$799 per week (\$36,400 - \$41,599 per year)
	\$800 - \$999 per week (\$41,600 - \$51,999 per year)	\$800 - \$999 per week (\$41,600 - \$51,999 per year)
	\$1,000 - \$1,499 per week (\$52,000 - \$77,999 per year)	\$1,000 - \$1,499 per week (\$52,000 - \$77,999 per year)
	\$1,500 - \$1,999 per week (\$78,000 - \$103,999 per year)	\$1,500 - \$1,999 per week (\$78,000 - \$103,999 per year)
	\$2,000 or more per week (\$104,000 or more per year)	\$2,000 or more per week (\$104,000 or more per year)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding: (If asking for income classes, report classes offered to respondents. If asking for individual amounts, list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers.)

Country Variable Codes/Construction Rules	→ nat_RINC
if K46=2 then AU_RINC=3120	3120. \$1 - \$6,239 AUD
if K46=3 then AU_RINC=7280	7280. \$6,240 - \$8,319 AUD
if K46=4 then AU_RINC=9360	9360. \$8,320 - \$10,399 AUD

if K46=5 then AU_RINC=13000	13000. \$10,400 - \$15,599 AUD
if K46=6 then AU_RINC=18200	18200. \$15,600 - \$20,799 AUD
if K46=7 then AU_RINC=23400	23400. \$20,800 - \$25,999 AUD
if K46=8 then AU_RINC=28600	28600. \$26,000 - \$31,199 AUD
if K46=9 then AU_RINC=33800	33800. \$31,200 - \$36,399 AUD
if K46=10 then AU_RINC=39000	39000. \$36,400 - \$41,599 AUD
if K46=11 then AU_RINC=46800	46800. \$41,600 - \$51,999 AUD
if K46=12 then AU_RINC=65000	65000. \$52,000 - \$77,999 AUD
if K46=13 then AU_RINC=91000	91000. \$78,000 - \$103,999 AUD
if K46=14 then AU_RINC=104000	104000. \$104,000 or more AUD
if K46=-1 then AU_RINC=999999	999999. NA
if K46=1 then AU_RINC=0	000000. No income

Optional: Recoding Syntax

--

ISSP 2009 Australia

HOMPOP - How many persons in household

	National Language	English Translation
<i>Question no. and text</i>	K34 How many people live in your house (including yourself)?	K34 How many people live in your house (including yourself)?
<i>Codes/ Categories</i>	-5 "10+ in institution/care"	-5 "10+ in institution/care"
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	People who were living in an institution such as a retirement home were coded as -5 "10+ in institution/care" in the original data. In the ISSP dataset they have been coded as 0. NAV	

Filter Variable(s) and Conditions:

--

Construction/Recoding: (list lowest, highest, and 'missing' codes only, replace terms in [square brackets] with real numbers.)

Country Variable Codes/Construction Rules	→ HOMPOP
1 person	[1]
9 persons	[9]
HOMPOP=question K34	
if K34=-1 then HOMPOP=99	99. No answer, refused
if K34=-5 then HOMPOP=0	0. NAV

Optional: Recoding Syntax

--

HHCYCLE - Household cycle

	National Language	English Translation
<i>Question no. and text</i>	K34 How many people live in your house (including yourself)?	K34 How many people live in your house (including yourself)?
<i>Interviewer Instruction</i>		
<i>Question no. and text</i>	K35 Thinking about the people OTHER THAN YOURSELF who live in your house, please tell us how old each person is and cross the option that describes your relationship with each of them	K35 Thinking about the people OTHER THAN YOURSELF who live in your house, please tell us how old each person is and cross the option that describes your relationship with each of them
<i>Codes/ Categories</i>	1 Partner	1 Partner
	2 Child or step-child	2 Child or step-child
	3 Father/step-father/father-in-law	3 Father/step-father/father-in-law
	4 Mother/step-mother/ mother-in-law	4 Mother/step-mother/ mother-in-law
	5 Brother/step-brother/ brother-in-law	5 Brother/step-brother/ brother-in-law
	6 Sister/step-sister/ sister-in-law	6 Sister/step-sister/ sister-in-law
	7 Grandfather	7 Grandfather
	8 Grandmother	8 Grandmother
	9 Grandson	9 Grandson
	10 Granddaughter	10 Granddaughter
	11 Other male relative	11 Other male relative
	12 Other female relative	12 Other female relative
	13 Other male (i.e. friend or flatmate)	13 Other male (i.e. friend or flatmate)
	14 Other female (i.e. friend or flatmate)	14 Other female (i.e. friend or flatmate)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	<p>The variable HHCOMP was derived from question K34 & K35 (see syntax below). As the syntax indicates, two intermediate variables were first created: variable 'adults' and variable 'children'. This counted the number of adults aged 18 and over, and children aged under 18 listed in the original household grid filled in by respondents. If a person was living with a partner, or a parent but where the partners or parent's age was missing that partner or parent was assumed to be an adult aged 18 and over.</p> <p>HHCYCLE was then derived from HHCOMP.</p>	

Filter Variable(s) and Conditions:

Question K34: Ask all
Question K35: To be answered by those who have more than 1 person living in their house (L26>1)

Construction/Recoding:

Country Variable Codes/Construction Rules	→ HHCYCLE
if HHCOMP=1 then HHCYCLE=1	01. Single

if HHCOMP=2 then HHCYCLE=2	02. One adult and one child
if HHCOMP=3 then HHCYCLE=3	03. One adult and two children
if HHCOMP=4 thru 7 then HHCYCLE=4	04. One adult and three or more childr.
if HHCOMP=8 then HHCYCLE=5	05. Two adults
if HHCOMP=9 then HHCYCLE=6	06. Two adults and one child
if HHCOMP=10 then HHCYCLE=7	07. Two adults and two children
if HHCOMP=11 thru 15 then HHCYCLE=8	08. Two adults and three or more childr.
if HHCOMP=16 then HHCYCLE=9	09. Three adults
if HHCOMP=17 thru 22 then HHCYCLE=10	10. Three adults with children
if HHCOMP=23 then HHCYCLE=11	11. Four adults
if HHCOMP=24 thru 28 then HHCYCLE=12	12. Four adults with children
if HHCOMP=29 then HHCYCLE=13	13. Five adults
if HHCOMP=30 thru 33 then HHCYCLE=14	14. Five adults with children
if HHCOMP=34 then HHCYCLE=15	15. Six adults
if HHCOMP=35 thru 37 then HHCYCLE=16	16. Six adults with children
if HHCOMP=38 then HHCYCLE=17	17. Seven adults
if HHCOMP=39 thru 40 then HHCYCLE=18	18. Seven adults with children
if HHCOMP=41 then HHCYCLE=19	19. Eight adults
if HHCOMP=42 then HHCYCLE=20	20. Eight adults with children
if HHCOMP=43 then HHCYCLE=21	21. Nine adults
if HHCOMP=44 then HHCYCLE=22	22. Nine adults with children
if HHCOMP=45 then HHCYCLE=23	23. Ten adults
- not used -	24. Ten adults with children
- not used -	25. Eleven adults
- not used -	26. Eleven adults with children
- not used -	27. Twelve adults
- not used -	28. Twelve adults with children
- not used -	95. Otherwise
if HHCOMP=-1 then HHCYCLE=99	99. No answer, refused
if K34=-5 then HHCYCLE=0	0. NAV

Optional: Recoding Syntax

```

* HOUSEHOLD COMPOSITION
*****
gen hhcomp=.
label variable hhcomp "Household composition"
label values hhcomp hhcomp
*Presume that partner is adults (if age of partner is missing)

*Count the number of adults (18+)
*Count the number of children (0-17)
capture drop adults
egen adults=anycount(k35a*), values(18/105)
tab adults,m

capture drop children
egen children=anycount(k35a*), values(0/17)
tab children,m
tab adults children

*If R is an adult then number of adults= adults+1
*If R is a child then number of children=children+1
replace adults=adults+1 if age>=18 |age==1
replace children=children+1 if age==17

```

*If any of the ages is missing of any of the people then hhcomp also has to be missing
 *Unless it is a simple household with just a partner in which case we can assume
 *the partner is an adults.

*Count if any ages are missing
 egen missage=anycount(k35a*), values(-1)
 tab missage

*If only 1 missing, and that person is a parent or a partner then they must be adults

*What is the relationship of the 1 missing person?
 gen misrel=
 forvalues z=1/8 {
 replace misrel=j27b'z' if j27a'z'==-1 & missage==1 & misrel==.
 }
 }

replace adults=adults+1 if missage==1 & misrel==1

tab adults children,m

```

replace hhcomp=0    if    (adults==0 & children==0)
replace hhcomp=1    if    (adults==1 & children==0)
replace hhcomp=2    if    (adults==1 & children==1)
replace hhcomp=3    if    (adults==1 & children==2)
replace hhcomp=4    if    (adults==1 & children==3)
replace hhcomp=5    if    (adults==1 & children==4)
replace hhcomp=6    if    (adults==1 & children==5)
replace hhcomp=7    if    (adults==1 & children==6)
replace hhcomp=8    if    (adults==2 & children==0)
replace hhcomp=9    if    (adults==2 & children==1)
replace hhcomp=10   if    (adults==2 & children==2)
replace hhcomp=11   if    (adults==2 & children==3)
replace hhcomp=12   if    (adults==2 & children==4)
replace hhcomp=13   if    (adults==2 & children==5)
replace hhcomp=14   if    (adults==2 & children==6)
replace hhcomp=15   if    (adults==2 & children==7)
replace hhcomp=16   if    (adults==3 & children==0)
replace hhcomp=17   if    (adults==3 & children==1)
replace hhcomp=18   if    (adults==3 & children==2)
replace hhcomp=19   if    (adults==3 & children==3)
replace hhcomp=20   if    (adults==3 & children==4)
replace hhcomp=21   if    (adults==3 & children==5)
replace hhcomp=22   if    (adults==3 & children==6)
replace hhcomp=23   if    (adults==4 & children==0)
replace hhcomp=24   if    (adults==4 & children==1)
replace hhcomp=25   if    (adults==4 & children==2)
replace hhcomp=26   if    (adults==4 & children==3)
replace hhcomp=27   if    (adults==4 & children==4)
replace hhcomp=28   if    (adults==4 & children==5)
replace hhcomp=29   if    (adults==5 & children==0)
replace hhcomp=30   if    (adults==5 & children==1)
replace hhcomp=31   if    (adults==5 & children==2)
replace hhcomp=32   if    (adults==5 & children==3)
replace hhcomp=33   if    (adults==5 & children==4)
replace hhcomp=34   if    (adults==6 & children==0)
replace hhcomp=35   if    (adults==6 & children==1)
replace hhcomp=36   if    (adults==6 & children==2)
replace hhcomp=37   if    (adults==6 & children==3)
replace hhcomp=38   if    (adults==7 & children==0)

```



```

replace hhcomp=39 if (adults==7 & children==1)
replace hhcomp=40 if (adults==7 & children==2)
replace hhcomp=41 if (adults==8 & children==0)
replace hhcomp=42 if (adults==8 & children==1)
replace hhcomp=43 if (adults==9 & children==0)
replace hhcomp=44 if (adults==9 & children==1)
replace hhcomp=45 if (adults==10 & children==0)
tab hhcomp,m

```

*If k34= missing then hhcomp has to be missing too.
replace hhcomp=-1 if k34=-1

*If missing on more than one age then set the hh composition to missing
replace hhcomp=-1 if missage>=1 & misrel!=1

list caseid formid k34 k35* if hhcomp=-1 & k34!=-1

*HAS TO BE A MATCH BETWEEN K34 AND HHCOMP
bysort k34: tab hhcomp,m

*Missing if more than 10 people
replace hhcomp=-1 if k34>10

*Missing if in institution or care
replace hhcomp=-1 if k34=-5

*HHCYCLE

gen hcycle=hhcomp

```

recode hcycle (4/7 = 4) (8 = 5) (9 = 6) (10 = 7) (11/15 = 8) ///
(16 = 9) (17/22 = 10) (23 = 11) (24/28 = 12) ///
(29 = 13) (30/33 = 14) (34 = 15) (35/37 = 16) ///
(38 = 17) (39/40=18) (41=19) (42=20) (43=21) (44=22) ///
(45=23) (-1=99)

```

replace hcycle=0 if k34=-5

PARTY_LR - R: party affiliation: left - right

	National Language	English Translation
<i>Question no. and text</i>	J2 Generally speaking, do you usually think of yourself as Labor, Liberal, National or what?	J2 Generally speaking, do you usually think of yourself as Labor, Liberal, National or what?
<i>Codes/ Categories</i>	1 Liberal	1 Liberal
	2 Labor (ALP)	2 Labor (ALP)
	3 National	3 National
	4 Australian Democrat	4 Australian Democrat
	5 Green	5 Green
	6 One Nation	6 One Nation
	7 Family First	7 Family First
	8 No party	8 No party
	9 Other party (please specify)	9 Other party (please specify)
<i>Interviewer Instruction</i>	If "No party" go to question J4	If "No party" go to question J4
<i>Translation Note</i>		
<i>Note</i>	"Other party" was coded in the variable J2o. Additional codes are: 10 Christian Democratic Party	

12 Independent 13 Socialist

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→ PARTY_LR
if J2o=13 then PARTY_LR=1	1. Far left (communist etc.)
if J2o=2 or 5 then PARTY_LR=2	2. Left / centre left
if J2o=4 then PARTY_LR=3	3. Centre / liberal
if J2o=1 or 3 or 7 or 10 then PARTY_LR=4	4. Right / conservative
if J2o=6 then PARTY_LR=5	5. Far right (fascist etc.)
- not used -	6. Other
if J2o=8 or 12 then PARTY_LR=7	7. No party, no preference
- not used -	8. Don't know
if J2o=9 or -1 or -3 then PARTY_LR=9	9. No answer, refused
- not used -	0. NAV, NAP

Optional: Recoding Syntax

--

nat_PRTY - R: party affiliation – country-specific

	National Language	English Translation
<i>Question no. and text</i>	J2 Generally speaking, do you usually think of yourself as Labor, Liberal, National or what?	J2 Generally speaking, do you usually think of yourself as Labor, Liberal, National or what?
<i>Codes/ Categories</i>	1 Liberal	1 Liberal
	2 Labor (ALP)	2 Labor (ALP)
	3 National	3 National
	4 Australian Democrat	4 Australian Democrat
	5 Green	5 Green
	6 One Nation	6 One Nation
	7 Family First	7 Family First
	8 No party	8 No party
	9 Other party (please specify)	9 Other party (please specify)
<i>Interviewer Instruction</i>	If "No party" go to question J4	If "No party" go to question J4
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→ AU_PRTY
if J2=1 then AUS_PRTY=1	1 Liberal Party
if J2=2 then AUS_PRTY=2	2 Labor Party (ALP)
if J2=3 then AUS_PRTY=3	3 National Party
if J2=4 then AUS_PRTY=4	4 Australian Democrats
if J2=5 then AUS_PRTY=5	5 Greens
if J2=6 then AUS_PRTY=6	6 One Nation
if J2=7 then AUS_PRTY=7	7 Family First
if J2=8 then AUS_PRTY=95	95 Other party
if J2=9 then AUS_PRTY=96	96 No party preference
if J2=-1 then AUS_PRTY=99	99 NA, refused

Optional: Recoding Syntax

--

VOTE_LE - Did R vote in last general election?

	National Language	English Translation
<i>Question no. and text</i>	J4 Did you vote in the Federal Election held on October 9, 2004?	J4 Did you vote in the Federal Election held on October 9, 2004?
<i>Codes/ Categories</i>	1 Yes	1 Yes
	2 No	2 No
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→ VOTE_LE
If J4=1 then VOTE_LE=1	1.Yes
If J4=2 then VOTE_LE=2	2. No
If J4=-1 then VOTE_LE=9	9. No answer
- not used -	0. NAV

Optional: Recoding Syntax

--

ATTEND - R: Religious services - how often

	National Language	English Translation
<i>Question no. and text</i>	K40 How often do you attend religious services?	K40 How often do you attend religious services?

<i>Codes/ Categories</i>	1 Never	1 Never
	2 Less than once a year	2 Less than once a year
	3 About once a year	3 About once a year
	4 Several times a year	4 Several times a year
	5 About once a month	5 About once a month
	6 2-3 times a month	6 2-3 times a month
	7 Nearly every week	7 Nearly every week
	8 Every week	8 Every week
	9 Several times a week	9 Several times a week
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

--

Construction/Recoding:

Country Variable Codes/Construction Rules	→ ATTEND
If K40=9 then ATTEND=1	1. Several times a week
If K40=8 then ATTEND=2	2. Once a week
If K40=6 or 7 then ATTEND=3	3. 2 or 3 times a month
If K40=5 then ATTEND=4	4. Once a month
If K40=4 then ATTEND=5	5. Several times a year
If K40=3 then ATTEND=6	6. Once a year
If K40=2 then ATTEND=7	7. Less frequently
If K40=1 then ATTEND=8	8. Never
- not used -	97. Refused
- not used -	98. Don't know, varies too much
If K40=-1 then ATTEND=99	99. No answer

Optional: Recoding Syntax

<pre>*ATTEND gen attend=. replace attend=1 if inlist(k40,9) //Several times a week replace attend=2 if inlist(k40,8) replace attend=3 if inlist(k40,7,6) replace attend=4 if inlist(k40,5) replace attend=5 if inlist(k40,4) replace attend=6 if inlist(k40,3) replace attend=7 if inlist(k40,2) replace attend=8 if inlist(k40,1) //Never replace attend=9 if inlist(k40,-1) //Missing tab attend,m</pre>
--

RELIG - R: Religious denomination

	National Language	English Translation
<i>Question no. and text</i>	K38 Do you have a religion?	K38 Do you have a religion?
<i>Codes/ Categories</i>	1 Yes	1 Yes
	2 No	2 No
<i>Interviewer Instruction</i>	If "No" go to question K40	If "No" go to question K40
<i>Question no. and text</i>	K39 If you have a religion, please tell us what it is.	K39 If you have a religion, please tell us what it is.
<i>Codes/ Categories</i>	1 Catholic	1 Catholic
	2 Anglican/Church of England	2 Anglican/Church of England
	3 Uniting Church/Methodist	3 Uniting Church/Methodist
	4 Presbyterian and Reformed	4 Presbyterian and Reformed
	5 Orthodox	5 Orthodox
	6 Buddhist	6 Buddhist
	7 Baptist	7 Baptist
	8 Islam	8 Islam
	9 Lutheran	9 Lutheran
	10 Pentecostal	10 Pentecostal
	11 Hinduism	11 Hinduism
	12 Judaism	12 Judaism
	13 Other (please specify)	13 Other (please specify)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	Whilst the above categories were supplied for question K38, the responses were coded into K38o according to the Australian Bureau of Statistic's Australian Standard Classification of Religious Groups (ASCRG), Second Edition, 2005	

Filter Variable(s) and Conditions:

Question K38: Ask all

Question K39: To be answered by those who have a religion (code 1 in question K38)

Construction/Recoding:

Country Variable Codes/Construction Rules	→ RELIG
if K38=2 then RELIG=0. if K39o=7010 or 7011 or 7012 or 7013 or 7014 then RELIG=0	0. No religion
if K39o=2071 or 2072 or 2079 then RELIG = 100	100. Roman Catholic
- not used -	200. Protestant
if K39o=2012 or 2013 then RELIG = 210	210. Episcopalian, Anglican, Church of England, Church of Ireland
if K39o=2031 then RELIG = 220	220. Baptists
if K39o=2805 then RELIG = 230	230. Congregationalists

Country Variable Codes/Construction Rules	→ RELIG
- not used -	240. European Free Church (Anabaptists)
if K39o=2171 then RELIG = 250	250. Lutheran
if K39o=2808 then RELIG = 260	260. Methodist
if K39o=2400 or 2401 or 2403 or 2404 or 2405 or 2406 or 2407 or 2408 or 2413 or 2414 or 2415 or 2499 then RELIG = 270	270. Pentecostal
if K39o=2412 then RELIG = 271	271. Full Gospel Church of God
if K39o=2250 or 2251 or 2252 or 2253 then RELIG = 280	280. Presbyterian
- not used -	281. GB:Free Presbytarian
if K39o=2131 then RELIG = 282	282. Jehovas Witnesses
if K39o=2110 or 2111 or 2112 or 2113 then RELIG = 283	283. Church of Christ
if K39o=2906 then RELIG = 284	284. New Apostolic
if K39o=2800 or 2801 or 2803 or 2804 or 2806 or 2807 or 2899 then RELIG = 290	290. Other Protestant (no specific religion mentioned)
if K39o=2051 then RELIG = 291	291. Brethren
if K39o=2150 or 2151 or 2152 then RELIG = 292	292. Mormon
if K39o=2271 then RELIG = 293	293. Salvation Army
if K39o=2402 then RELIG = 294	294. Assemblies of God
if K39o=2311 then RELIG = 295	295. Seventh Day Adventists
- not used -	296. CZ:Hussites
if K39o=2331 then RELIG = 297	297. Unitarians,AUS:Uniting church
- not used -	298. United Church CDN
- not used -	299. United Church of Christ
if K39o=2210 or 2212 or 2214 or 2215 or 2216 or 2219 or 2220 or 2221 or 2222 or 2229 or 2230 or 2231 or 2232 or 2234 or 2235 or 2237 or 2238 or 2239 then RELIG = 300	300. Orthodox
if K39o=2233 then RELIG = 310	310. Greek Orthodox
if K39o=2236 then RELIG = 320	320. Russian Orthodox
- not used -	390. Orthodox (no specific religion mentioned)
if K39o=2001 or 2002 or 2003 or 2004 or 2901 or 2902 or 2903 or 2904 or 2905 or 2906 or 2907 or 2911 or 2912 or 2913 or 2914 or 2915 or 2999 then RELIG = 400	400. Other Christian Religions
- not used -	401. RP:Aglipayan
if K39o=2802 then RELIG = 402	402. Born Again
- not used -	403. Alliance
- not used -	404. Dating Daan
- not used -	405. Jesus Miracle Crusad
- not used -	406. Jesus is Lord
if K39o=2000 then RELIG = 407	407. Christians
- not used -	408. Espiritista
- not used -	409. Iglesia ni Christo
- not used -	410. Phil Independent Church
- not used -	411. Iglesia Filipina Ind
- not used -	412. Sayon
- not used -	413. Bible Christian
if K39o=2411 then RELIG = 423	423. Four Square Gospel

Country Variable Codes/Construction Rules	→ RELIG
if K39o=2900 then RELIG= 490	490. Unspecified Christian Religion
if K39o=5011 then RELIG = 500	500. Jewish
- not used -	510. Orthodox
- not used -	520. Conservative
- not used -	530. Reformist
- not used -	590. Jewish Religion general (no specific group mentioned)
if K39o=4011 then RELIG = 600	600. Islam
- not used -	610. Kharijis
- not used -	620. Mu'tazilism
- not used -	630. Sunni
- not used -	640. Shi'ism
- not used -	650. Isma'ilis
- not used -	660. Other Muslim Religions
if K39o=6071 then RELIG = 670	670. Druse
- not used -	690. Muslim; Mohammedan; Islam (no specific religion mentioned)
- not used -	700. Buddhism
- not used -	701. Specific Buddhist Groups
if K39o=1011 then RELIG= 790	790. Buddhism general (no specific group mentioned)
if K39o=3011 then RELIG = 800	800. Hinduism
- not used -	810-889. Specific Groups
- not used -	810. Specific Groups
if K39o=6151 then RELIG =820	820. Sikhism
- not used -	890. Hinduism general (no specific group mentioned)
- not used -	900. Other Asian Religions
if K39o=6111 then RELIG = 901	901. Shintoism
if K39o=6053 then RELIG = 902	902. Taoism
if K39o=6052 then RELIG = 903	903. Confucianism
if K39o=6050 or 6051 or 6059 or 6110 or 6112 or 6113 or 6119 then RELIG = 950	950. Other East Asian Religion (no specific group mentioned)
if K39o=2 then RELIG = 960	960. Other Religions
if K39o=2908 then RELIG = 961	961. NZ:Ratana
- not used -	962. USA:Native American
- not used -	963. BR:Afro brasilianreligion
- not used -	964. BR: Espirita
if K39o=4 or 5 or 6011 or 6031 or 6130 or 6131 or 6132 or 6133 or 6134 or 6135 or 6139 or 6171 or 6991 or 6992 or 6993 or 6994 or 6995 or 6996 or 6997 or 6998 or 6999 then RELIG = 970	970. Other non-Christian Religions
- not used -	998. Don't know
if K39o=1 or 3 then RELIG= 999	999. No answer
if K39o=-1 then RELIG= 999	

Optional: Recoding Syntax

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RELIGGRP- Religious main-group derived from RELIG

	National Language	English Translation
<i>Question no. and text</i>	K38 Do you have a religion?	K38 Do you have a religion?
<i>Codes/ Categories</i>	1 Yes	1 Yes
	2 No	2 No
<i>Interviewer Instruction</i>	If "No" go to question K40	If "No" go to question K40
<i>Question no. and text</i>	K39 If you have a religion, please tell us what it is.	K39 If you have a religion, please tell us what it is.
<i>Codes/ Categories</i>	1 Catholic	1 Catholic
	2 Anglican/Church of England	2 Anglican/Church of England
	3 Uniting Church/Methodist	3 Uniting Church/Methodist
	4 Presbyterian and Reformed	4 Presbyterian and Reformed
	5 Orthodox	5 Orthodox
	6 Buddhist	6 Buddhist
	7 Baptist	7 Baptist
	8 Islam	8 Islam
	9 Lutheran	9 Lutheran
	10 Pentecostal	10 Pentecostal
	11 Hinduism	11 Hinduism
	12 Judaism	12 Judaism
	13 Other (please specify)	13 Other (please specify)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	Whilst the above categories were supplied for question K39, the responses were coded into K39o according to the Australian Bureau of Statistic's Australian Standard Classification of Religious Groups (ASCRG), Second Edition, 2005	

Filter Variable(s) and Conditions:

Question K38: Ask all

Question K39: To be answered by those who have a religion (code 1 in question K38)

Construction/Recoding:

Country Variable Codes/Construction Rules	→ RELIGGRP
if RELIG=0 then RELIGGRP=1	1. No religion
if RELIG=100 then RELIGGRP=2	2. Roman Catholic
if RELIG=200 thru 299 then RELIGGRP=3	3. Protestant
if RELIG=300 thru 390 then RELIGGRP=4	4. Chrstian Orthodox
if RELIG=500 thru 590 then RELIGGRP=5	5. Jewish
if RELIG=600 thru 690 then RELIGGRP=6	6. Islam
if RELIG=700 thru 790 then RELIGGRP=7	7. Buddhism
if RELIG=800 thru 890 then RELIGGRP=8	8. Hinduism
if RELIG=400 thru 490 then RELIGGRP=9	9. Other Christian Religions

if RELIG=900 thru 950 then RELIGGRP=10	10. Other Eastern Religions
if RELIG=960 then RELIGGRP=11	11. Other Religions
- not used -	98. Don't know
if RELIG=999 then RELIGGRP=99	99. No answer

Optional: Recoding Syntax

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TOPBOT- R: Top-Bottom self-placement

	National Language	English Translation
<i>Question no. and text</i>	B12 In our society there are groups which tend to be towards the top and groups which tend to be towards the bottom. Below is a scale that runs from the top to bottom. Where would you put yourself on this scale?	B12 In our society there are groups which tend to be towards the top and groups which tend to be towards the bottom. Below is a scale that runs from the top to bottom. Where would you put yourself on this scale?
<i>Codes/ Categories</i>	10 Top	10 Top
	9	9
	8	8
	7	7
	6	6
	5	5
	4	4
	3	3
	2	2
	1 Bottom	1 Bottom
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	➔ TOPBOT
if B12=1 then TOPBOT=1	1. Lowest, 01
if B12=2 then TOPBOT=2	2.
if B12=3 then TOPBOT=3	3.
if B12=4 then TOPBOT=4	4.
if B12=5 then TOPBOT=5	5.
if B12=6 then TOPBOT=6	6.
if B12=7 then TOPBOT=7	7.
if B12=8 then TOPBOT=8	8.

if B12=9 then TOPBOT=9	9.
if B12=10 then TOPBOT=10	10. Highest, 10
if B12=-1 then TOPBOT=99	99. No answer

Optional: Recoding Syntax

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nat_REG – Region – country specific

	National Language	English Translation
<i>Question no. and text</i>		
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	Administrative variable. Part of sample address details (state)	

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→ nat_REG
if STATE=1 then AU_REG=1	1. New South Wales
if STATE=2 then AU_REG=2	2. Victoria
if STATE=3 then AU_REG=3	3. Queensland
if STATE=4 then AU_REG=4	4. South Australia
if STATE=5 then AU_REG=5	5. Western Australia
if STATE=6 then AU_REG=6	6. Tasmania
if STATE=7 then AU_REG=7	7. Australian Capital Territory
if STATE=8 then AU_REG=8	8. Northern Territory
if STATE=-1 then AU_REG=99	99. Not available

Optional: Recoding Syntax

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nat_SIZE - Size of community - country-specific

	National Language	English Translation
<i>Question no. and text</i>	K24 Would you say you now live in ...	K24 Would you say you now live in ...
<i>Codes/ Categories</i>	1 A rural area or village	1 A rural area or village
	2 A small country town (under 10,000 people)	2 A small country town (under 10,000 people)
	3 A larger country town (over 10,000 people)	3 A larger country town (over 10,000 people)
	4 A large town (over 25,000 people)	4 A large town (over 25,000 people)
	5 Outer metropolitan area of a major city (over 100,000 people)	5 Outer metropolitan area of a major city (over 100,000 people)
	6 Inner metropolitan area of a major city (over 100,000 people)	6 Inner metropolitan area of a major city (over 100,000 people)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→ nat_SIZE
if K24=6 then AU_SIZE=1	1. Inner metropolitan (over 100,000 people)
if K24=5 then AU_SIZE=2	2. Outer metropolitan (over 100,000 people)
if K24=4 then AU_SIZE=3	3. A large town (over 25,000 people)
if K24=3 then AU_SIZE=4	4. A larger country town (over 10,000 people)
if K24=2 then AU_SIZE=5	5. A small country town (under 10,000 people)
if K24=1 then AU_SIZE=6	6. A rural area or on a farm
if K24=-1 then AU_SIZE=99	99. No answer

Optional: Recoding Syntax

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URBRURAL - Urban - Rural

	National Language	English Translation
<i>Question no. and text</i>	K24 Would you say you now live in ...	K24 Would you say you now live in ...
<i>Codes/ Categories</i>	1 A rural area or village	1 A rural area or village
	2 A small country town (under 10,000 people)	2 A small country town (under 10,000 people)
	3 A larger country town (over 10,000 people)	3 A larger country town (over 10,000 people)
	4 A large town (over 25,000 people)	4 A large town (over 25,000 people)
	5 Outer metropolitan area of a major city (over 100,000 people)	5 Outer metropolitan area of a major city (over 100,000 people)
	6 Inner metropolitan area of a major city (over 100,000 people)	6 Inner metropolitan area of a major city (over 100,000 people)
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>		

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→ URBRURAL
if K24=6 then URBRURAL=1	1. Urban, a big city
if K24=5 then URBRURAL=2	2. Suburbs or outskirts of a big city
if K24=3 or 4 then URBRURAL=3	3. Town or a small city
if K24=2 then URBRURAL=4	4. Country village
if K24=1 then URBRURAL=5	5. Farm or home in the country
if K24=-1 then URBRURAL=9	9. No answer
- not used -	0. Not available

Optional: Recoding Syntax

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WEIGHT – Weighting factor

Please report on whether you calculate any weighting variables. If you adjust for non-response bias, please enter the variable(s) on which the sample's distribution(s) is (are) adjusted to the population distribution(s). Please, also report if you apply any kind of rescaling.

<i>Design weight to adjust for unequal selection probabilities</i>	No	<input checked="" type="checkbox"/>
	Yes	<input type="checkbox"/>
<i>Weight to adjust for non-response bias</i>	No	<input type="checkbox"/>
	Yes	<input checked="" type="checkbox"/> → please specify variables used for calculation of weight The respondent's age, sex and highest education was used for the calculation of the weight variable to adjust for non-response bias. The three-way tabulation of age group, sex and highest education level was compared to the equivalent three-way tabulation of those characteristics from the 2006 Census data of Australian Citizens. More information is available in the study description document.
<i>Are the final weights rescaled to net sample size (thus weighted sample size=unweighted sample size)?</i>	No	<input type="checkbox"/> → please specify target population represented by sum of all case weights
	Yes	<input checked="" type="checkbox"/>
<i>Note</i>		

MODE – Administrative mode of data-collection (OR Data collection method)

Note	
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Construction/Recoding:

Country Variable Codes/Construction Rules	→ Mode
- not used -	10. F2f, pap a pencil, no visuals
- not used -	11. F2f, pap a pencil, visuals
- not used -	12. F2f, pap a pencil, R reading questionnaire
- not used -	13. F2f, pap a pencil, interpreter or translator – no visuals
- not used -	14. F2f, pap a pencil, interpreter or translator – visuals
- not used -	20. F2f, comp assisted, no visuals
- not used -	21. F2f, comp assisted, visuals
- not used -	22. F2f, comp assisted, R reading questionnaire (paper or on monitor)
- not used -	23. F2f, comp assisted, interpreter or translator – no visuals
- not used -	24. F2f, comp assisted, interpreter or translator – visuals
- not used -	30. Self-compl, pap a pencil, arrives with interviewer, interviewer attending
- not used -	31. Self-compl, pap a pencil, arrives with interviewer, drops-off, picks up later
- not used -	32. Self-compl, pap a pencil, arrives with interviewer, drops off, mailed back by R
- not used -	33. Self-compl, pap a pencil, mailed to, complete and hold for pick up
MODE=34	34. Self-compl, pap a pencil, mailed to, mailed back by R
- not used -	99. NA
- not used -	0. NAV

Optional ISSP Background Variable

ETHNIC - Origin country / ethnic group / ethnic identity / family origin

	National Language	English Translation
<i>Question no. and text</i>		
<i>Codes/ Categories</i>		
<i>Interviewer Instruction</i>		
<i>Translation Note</i>		
<i>Note</i>	Not asked	

Filter Variable(s) and Conditions:

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Construction/Recoding:

Country Variable Codes/Construction Rules	→ETHNIC
	01. Africa, Somalia, Sudan, Mandinka, Yoruba
- not used -	02. Aklanon, Romblon
- not used -	03. Albanian
- not used -	04. American, American only, America
- not used -	05. American Indian, Navajo, Ind. Dialect
- not used -	06. Arab, Muslim (Morocco, Algeria, Lybia)
- not used -	07. Esperanto, Latin, Slavonik, Celtic
- not used -	08. Asia, other Asian
- not used -	09. Australia, Oceania
- not used -	10. Austria, Austrian (I:Alto Adige)
- not used -	11. Baltic, Latvian, Estonian, Lith.
- not used -	12. Bangladesh, Bangladeshi, Bengali
- not used -	13. Basque, Vasco
- not used -	14. Belgium, Belgian
- not used -	15. Belorussia, Bialorussia
- not used -	16. Bicolano/Bikol
- not used -	17. Black/African/Carribbean, No-Spanish
- not used -	18. Bosnian (SLO:ethn.Muslim)
- not used -	19. Bulgaria
- not used -	20. Cajun/French Cajun
- not used -	21. Canada, other Canada
- not used -	22. Catalan-Valencian-Balear/Mallorquin
- not used -	23. China, Cantonese, Hakka, Mandarin
- not used -	24. Thai, Khmer, Vietnam, South-East Asia
- not used -	25. Cook Island Maori
- not used -	26. Creole, Surinam, Metis, Chavacano
- not used -	27. Croatia

Country Variable Codes/Construction Rules	→ETHNIC
- not used -	28. Czech Republic, Czechia, Czech
- not used -	29. Czechoslovakia, Moravia, Czech-Slovak
- not used -	30. Denmark, Danish
- not used -	31. England, England&Wales, UK, English
- not used -	32. Europe, White/European
- not used -	33. Fijian
- not used -	34. Finland, Finnish
- not used -	35. France, French (I:Val D Aosta)
- not used -	36. French Canada, French Canadian
- not used -	37. Frisian
- not used -	38. Germany, German (H:German/Swab)
- not used -	39. Greece, Greek
- not used -	40. Hebrew/Ivrit, Israel(arab pop.incl)
- not used -	41. Hungary, Hungarian
- not used -	42. Ibanag
- not used -	43. Ilocano
- not used -	44. Ilonggo/Hiligaynon, Bantayanon
- not used -	45. India, Hindi, Urdu, Gujarati, Tamil
- not used -	46. Indonesian, Malay/Malaysian
- not used -	47. Iranian, Persian/Farsi, Dari
- not used -	48. Ireland, Irish/Irish Gaelic
- not used -	49. Italy, Italian
- not used -	50. Japan, Japanese
- not used -	51. Kapampangan/Pampangan
- not used -	52. Kinaray-a
- not used -	53. Korean
- not used -	54. Maori+New Zealand
- not used -	55. Maranaw/Maranao
- not used -	56. Masbateno
- not used -	57. Kurd, Assyria, Middle East, Lebanon
- not used -	58. Netherlands, Dutch, Flemish
- not used -	59. Nordic, Scandinavian other
- not used -	60. North America
- not used -	61. Norway, Norwegian
- not used -	62. Pacific, Polynesian, Chamorro/Guam
- not used -	63. Pakistan, Panjab/Punjabi, Pashto
- not used -	64. Panggalatok/Pangasinan
- not used -	65. Philippine other
- not used -	66. Philippines, Tagalog, Filipino
- not used -	67. Pidgin, PNG Pidgin
- not used -	68. Poland, Polish, Pole
- not used -	69. Portugal, Portuguese, E:Galician
- not used -	70. Romani, Gipsy
- not used -	71. Romanian/Rumanian, RUS:Moldavian
- not used -	72. Russia, (former) USSR & Rep.
- not used -	73. Samal
- not used -	74. Samic, Lapp
- not used -	75. Samoan, Tokelauan
- not used -	76. Scotland, Scots Gaelic, Scottish

Country Variable Codes/Construction Rules	→ETHNIC
- not used -	77. Serbia, Serbian, Serb
- not used -	78. Slovakia, Slovak
- not used -	79. Slovenia, Slovenian, Slovene
- not used -	80. South+Latin America, NL:Neth.Antilles
- not used -	81. Spanish, Castilian, Castellano
- not used -	82. Swedish, Swede
- not used -	83. Switzerland
- not used -	84. Tatar
- not used -	85. Tausug
- not used -	86. Tongan, Niuean
- not used -	87. Transcaucasian (BG:Armenian)
- not used -	88. Turkey, Turkish (S:Bulgarian-turk)
- not used -	89. Ukraine, Ukrainian (SK:Ruthenian)
- not used -	90. USA
- not used -	91. Visayan/Cebuano, Boholano, Leyteno
- not used -	92. Waray
- not used -	93. Welsh
- not used -	94. Yiddish/Jewish
- not used -	95. Yugoslavia, Serbo-Croatian
- not used -	98. Other, mixed origin
- not used -	99. NA, don't know
- not used -	00. NAP; not available

Optional: Recoding Syntax

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4. Country Questionnaire

Please provide the part(s) of your country questionnaire that relate(s) to the background variables reported in this template. If these variables are already covered by your country's field questionnaire delivered with your national ISSP data file, then just tick on the last page of this document. (PDF or MS Word format preferred.)

Already included in field questionnaire provided with the country data file.

Attached file: «*ISSP Questionnaire-Australia-2009.pdf*»

5. Frequency Distributions of Source Variables

Please supply frequency distributions with absolute and relative frequencies, missing values *included*, for *all source variables*. *Source variables* are the country-specific variables before recodes into ISSP standard variables are done. (MS Word or simple ASCII file preferred.)

Attached file: «*ISSP sourcefreq-Australia-2009.txt*»

6. Correspondence list ISCO88<->national occupation codes

If your country derives ISCO88 codes from a national occupation coding scheme, please supply a correspondence list of national codes and ISCO88 codes. (MS Word or simple ASCII file preferred.)

ISCO88 is used to code responses directly.

Conversion of national coding scheme to ISCO88. Attached file:

«*ANZSCO_ISCO88_concordance_2009.doc*»