

LONGITUDINAL SURVEYS  
OF AUSTRALIAN YOUTH  
TECHNICAL REPORT 74

# 2009 cohort derived variables



# Longitudinal Surveys of Australian Youth (LSAY)

## 2009 cohort derived variables

National Centre for Vocational Education Research

LONGITUDINAL SURVEYS OF  
AUSTRALIAN YOUTH

### **TECHNICAL REPORT 74**

Date created: October 2012

Last updated: June 2020

Version: 9.0

The views and opinions expressed in this document are those of the author/  
project team and do not necessarily reflect the views of the Australian Government  
or state and territory governments.

## Publisher's note

Date	Version	Update
June 2020	9.0	Version 9.0 of this document corresponds to version 9.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
August 2019	8.0	Version 8.0 of this document corresponds to version 8.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
August 2018	7.0	Version 7.0 of this document corresponds to version 7.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
August 2017	6.0	Version 6.0 of this document corresponds to version 6.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
July 2016	5.0	Version 5.0 of this document corresponds to version 5.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
July 2015	4.0	Version 4.0 of this document corresponds to version 4.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
September 2014	3.0	Version 3.0 of this document corresponds to version 3.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
December 2013	2.0	Version 2.0 of this document corresponds to version 2.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.
October 2012	1.0	Version 1.0 of this document corresponds to version 1.0 of the LSAY 2009 cohort data file deposited with the Australian Data Archive.

© Commonwealth of Australia, 2020



With the exception of the Commonwealth Coat of Arms, the Department's logo, any material protected by a trade mark and where otherwise noted all material presented in this document is provided under a Creative Commons Attribution 3.0 Australia <<http://creativecommons.org/licenses/by/3.0/au>> licence.

The details of the relevant licence conditions are available on the Creative Commons website (accessible using the links provided) as is the full legal code for the CC BY 3.0 AU licence <<http://creativecommons.org/licenses/by/3.0/legalcode>>.

The Creative Commons licence conditions do not apply to all logos, graphic design, artwork and photographs. Requests and enquiries concerning other reproduction and rights should be directed to the National Centre for Vocational Education Research (NCVER).

This document should be attributed as NCVER 2020, *Longitudinal Surveys of Australian Youth (LSAY) 2009 cohort derived variables*, NCVER, Adelaide.

This work has been produced by NCVER through the Longitudinal Surveys of Australian Youth (LSAY) Program, on behalf of the Australian Government and state and territory governments, with funding provided through the Australian Department of Education, Skills and Employment.

TD/TNC 109.29

COVER IMAGE: GETTY IMAGES/THINKSTOCK

Level 5, 60 Light Square, Adelaide SA 5000  
PO Box 8288 Station Arcade, Adelaide SA 5000, Australia

Phone +61 8 8230 8400

Email [ncver@ncver.edu.au](mailto:ncver@ncver.edu.au) Web <<https://www.ncver.edu.au>> <<https://www.lsay.edu.au>>

Follow us:  <<https://twitter.com/ncver>>  <<https://www.linkedin.com/company/ncver>>

# Purpose

This technical report details the derived variables developed for users of the Longitudinal Surveys of Australian Youth (LSAY) data. The derived variables fall into the categories education, employment and social, and help to simplify the complexity of the LSAY data by providing useful indicators for analysis.

To help LSAY data users understand and make effective use of these variables, this report provides descriptions, formats, and additional notes for each variable, as well as the SAS syntax used to derive the variables for the 2009 commencing cohort.

This report should be considered in conjunction with the LSAY 2009 cohort user guide which is available at: <https://www.lsay.edu.au/publications/search-for-lsay-publications/2547>. Details about updates made to the LSAY 2009 data file and derived variables are also contained within the appendix of the user guide.

If you have any feedback or questions about the derived variables, please do not hesitate to contact the LSAY team at NCVET:

Telephone: +61 8 8230 8400

Email: <[lsay@ncver.edu.au](mailto:lsay@ncver.edu.au)>

Website: <[www.lsay.edu.au](http://www.lsay.edu.au)>

# Derived variable naming conventions

Derived variables are denoted by the character X, followed by several characters uniquely identifying the derived variable; this is then followed by four digits for the survey year.

The table below summarises the series of derived variables available on the LSAY 2009 cohort data file.

<b>Indicators</b>	<b>Derived variable</b>	<b>Variable name</b>
Education	Current school level	XCSLYYYY
	Highest school level completed	XHSLYYYY
	Current qualification level	XCELYYYY
	Highest qualification level completed	XHELYYYY
	Full-time or part-time study status	XFTSYYYY
	Study status in bachelor degree or higher	XBACYYYY
	Study status in VET	XVETYYYY
	Completed Year 12 or certificate II or higher	X122YYYY
Completed Year 12 or certificate III or higher	X123YYYY	
Employment	Labour force status	XLFSYYYY
	Average weekly hours worked	XHRSYYYY
	Full-time or part-time employment status	XFTPYYYY
	Permanent or casual employment	XEMPYYYY
	Status in apprenticeship/traineeship	XATRYYYY
	Job mobility during last year	XMOBYYYY
	Average weekly pay	XWKPYYYY
	Average hourly pay	XHRPYYYY
	Occupation (1 digit ANZSCO First Edition)	XOCCYYYY
	In full-time employment or full-time education	XFTEYYYY
Any spell of unemployment during the year	XUNEYYYY	
Social	Marital status	XMARYYYY
	Living with parent(s)	XATHYYYY
	Living in own home	XOWNYYYY
	Number of dependent children	XCHIYYYY

# Contents

Education	11
Current school level	11
XCSSL2009	11
XCSSL2010	12
XCSSL2011	14
XCSSL2012	16
XCSSL2013	18
XCSSL2014	20
XCSSL2015	22
XCSSL2016	23
XCSSL2017	24
XCSSL2018	25
XCSSL2019	26
Highest school level completed	27
XHSL2009	27
XHSL2010	28
XHSL2011	30
XHSL2012	32
XHSL2013	34
XHSL2014	36
XHSL2015	38
XHSL2016	39
XHSL2017	40
XHSL2018	41
XHSL2019	42
Current qualification level	43
XCEL2009	43
XCEL2010	44
XCEL2011	47
XCEL2012	51
XCEL2013	55
XCEL2014	59
XCEL2015	63
XCEL2016	66
XCEL2017	69
XCEL2018	72
XCEL2019	75
____ Highest qualification level completed	78
XHEL2009	78
XHEL2010	79
XHEL2011	82
XHEL2012	86
XHEL2013	89
XHEL2014	93
XHEL2015	96
XHEL2016	99
XHEL2017	102
XHEL2018	105
XHEL2019	108

Full-time or part-time study status	112
XFTS2009	112
XFTS2010	113
XFTS2011	115
XFTS2012	117
XFTS2013	119
XFTS2014	121
XFTS2015	123
XFTS2016	125
XFTS2017	127
XFTS2018	129
XFTS2019	131
Study status in bachelor degree or higher	133
XBAC2009	133
XBAC2010	134
XBAC2011	136
XBAC2012	138
XBAC2013	140
XBAC2014	142
XBAC2015	144
XBAC2016	146
XBAC2017	148
XBAC2018	150
XBAC2019	152
Study status in VET	154
XVET2009	154
XVET2010	155
XVET2011	157
XVET2012	159
XVET2013	161
XVET2014	163
XVET2015	165
XVET2016	167
XVET2017	169
XVET2018	171
XVET2019	173
Completed Year 12 or certificate II or higher	175
X1222009	175
X1222010	176
X1222011	177
X1222012	178
X1222013	179
X1222014	180
X1222015	181
X1222016	182
X1222017	183
X1222018	184
X1222019	185
Completed Year 12 or certificate III or higher	186
X1232009	186
X1232010	187
X1232011	188
X1232012	189
X1232013	190



X1232014	191
X1232015	192
X1232016	193
X1232017	194
X1232018	195
X1232019	196
Employment	197
Labour force status	197
XLFS2009	197
XLFS2010	198
XLFS2011	200
XLFS2012	202
XLFS2013	204
XLFS2014	206
XLFS2015	208
XLFS2016	210
XLFS2017	212
XLFS2018	214
XLFS2019	216
Average weekly hours worked	217
XHRS2009	217
XHRS2010	218
XHRS2011	219
XHRS2012	220
XHRS2013	221
XHRS2014	222
XHRS2015	223
XHRS2016	224
XHRS2017	225
XHRS2018	226
XHRS2019	227
Full-time or part-time employment status	228
XFTP2009	228
XFTP2010	229
XFTP2011	230
XFTP2012	231
XFTP2013	232
XFTP2014	233
XFTP2015	234
XFTP2016	235
XFTP2017	236
XFTP2018	238
XFTP2019	240
Permanent or casual employment	241
XEMP2009	241
XEMP2010	243
XEMP2011	245
XEMP2012	247
XEMP2013	249
XEMP2014	251
XEMP2015	253
XEMP2016	255
XEMP2017	257
XEMP2018	259

XEMP2019	261
Status in apprenticeship/traineeship	263
XATR2009	263
XATR2010	264
XATR2011	266
XATR2012	268
XATR2013	270
XATR2014	272
XATR2015	274
XATR2016	276
XATR2017	278
XATR2018	280
XATR2019	282
Job mobility during last year	284
XMOB2009	284
XMOB2010	285
XMOB2011	286
XMOB2012	288
XMOB2013	290
XMOB2014	292
XMOB2015	294
XMOB2016	296
XMOB2017	298
XMOB2018	300
XMOB2019	302
Average weekly pay	304
XWKP2009	304
XWKP2010	306
XWKP2011	308
XWKP2012	310
XWKP2013	313
XWKP2014	318
XWKP2015	323
XWKP2016	328
XWKP2017	333
XWKP2018	337
XWKP2019	342
Average hourly pay	346
XHRP2009	346
XHRP2010	348
XHRP2011	350
XHRP2012	352
XHRP2013	356
XHRP2014	361
XHRP2015	366
XHRP2016	371
XHRP2017	376
XHRP2018	381
XHRP2019	386
Occupation (1 digit ANZSCO First Edition)	390
XOCC2009	390
XOCC2010	392
XOCC2011	394
XOCC2012	396

XOCC2013	398
XOCC2014	400
XOCC2015	402
XOCC2016	404
XOCC2017	406
XOCC2018	408
XOCC2019	410
In full-time employment or full-time education	412
XFTE2009	412
XFTE2010	413
XFTE2011	414
XFTE2012	415
XFTE2013	416
XFTE2014	417
XFTE2015	418
XFTE2016	419
XFTE2017	420
XFTE2018	421
XFTE2019	422
Any spell of unemployment during the year	423
XUNE2009	423
XUNE2010	424
XUNE2011	425
XUNE2012	427
XUNE2013	428
XUNE2014	430
XUNE2015	432
XUNE2016	434
XUNE2017	436
XUNE2018	438
XUNE2019	440
Social	442
Marital status	442
XMAR2009	442
XMAR2010	443
XMAR2011	444
XMAR2012	445
XMAR2013	446
XMAR2014	447
XMAR2015	448
XMAR2016	449
XMAR2017	450
XMAR2018	451
XMAR2019	452
Living with parent(s)	453
XATH2009	453
XATH2010	454
XATH2011	455
XATH2012	456
XATH2013	457
XATH2014	458
XATH2015	459
XATH2016	460
XATH2017	461

XATH2018	462
XATH2019	463
Living in own home	464
XOWN2009	464
XOWN2010	465
XOWN2011	466
XOWN2012	467
XOWN2013	468
XOWN2014	469
XOWN2015	470
XOWN2016	471
XOWN2017	472
XOWN2018	473
XOWN2019	474
Number of dependent children	475
XCHI2009	475
XCHI2010	476
XCHI2011	477
XCHI2012	478
XCHI2013	479
XCHI2014	480
XCHI2015	481
XCHI2016	482
XCHI2017	483
XCHI2018	484
XCHI2019	485

# Education

## Current school level

*XCSL2009*

### Variable details

Cohort	Y09
Variable name	XCSL2009
Variable label	Derived: XCSL2009 Current school level
Topic area	Education
Data type	Numeric
Survey wave	1

### Description

The school year level reported at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2009 = 1 then do;  
  
if ST01Q01 in (7,8,9) then XCSL2009 = 4; *Year 9 or below;  
else if ST01Q01 = 10 then XCSL2009 = 3; *Year 10;  
else if ST01Q01 = 11 then XCSL2009 = 2; *Year 11;  
else if ST01Q01 = 12 then XCSL2009 = 1; *Year 12;  
else XCSL2009 = 5; *Unknown;  
  
end;
```

## Current school level

### *XCSL2010*

#### Variable details

Cohort	Y09
Variable name	XCSL2010
Variable label	Derived: XCSL2010 Current school level
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2010 = 1 then do;

/* Still at school */
if LBA001 = 1 then do;
if LBA007 = 1 then XCSL2010 = 4; *Year 9 or below;
else if LBA007 = 2 then XCSL2010 = 3; *Year 10;
else if LBA007 = 3 then XCSL2010 = 2; *Year 11;
else if LBA007 in (4,5) then XCSL2010 = 1; *Year 12 or 13;
else if missing(LBA007) then XCSL2010 = 5; *Unknown;
end;

/* Not at school */
```

```
else if LBA001 = 2 then XCSL2010 = 6;
```

```
/* Else assume not at school */
```

```
else XCSL2010 = 6;
```

```
end;
```

## Current school level

### *XCSL2011*

#### Variable details

Cohort	Y09
Variable name	XCSL2011
Variable label	Derived: XCSL2011 Current school level
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Still at school or returned to school */  
if (LCA001 = 1 or LCA003 = 2) then do;  
if LCA009 = 1 then XCSL2011 = 4; *Year 9 or below;  
else if LCA009 = 2 then XCSL2011 = 3; *Year 10;  
else if LCA009 = 3 then XCSL2011 = 2; *Year 11;  
else if LCA009 in (4,5) then XCSL2011 = 1; *Year 12 or 13;  
else if missing(LCA009) then XCSL2011 = 5; *Unknown;  
end;  
  
/* Not at school */
```



```
else if (LCA001 = 2 or LCA003 in (1,3)) then XCSL2011 = 6;
```

```
/* Else assume not at school */
```

```
else XCSL2011 = 6;
```

```
end;
```

## Current school level

### *XCSL2012*

#### Variable details

Cohort	Y09
Variable name	XCSL2012
Variable label	Derived: XCSL2012 Current school level
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2012 = 1 then do;

/* Still at school or returned to school */
if (LDA001 = 1 or LDA003 = 2) then do;
if LDA009 = 1 then XCSL2012 = 4; *Year 9 or below;
else if LDA009 = 2 then XCSL2012 = 3; *Year 10;
else if LDA009 = 3 then XCSL2012 = 2; *Year 11;
else if LDA009 in (4,5) then XCSL2012 = 1; *Year 12 or 13;
else if missing(LDA009) then XCSL2012 = 5; *Unknown;
end;

/* Not at school */
```

```
else if (LDA001 = 2 or LDA003 in (1,3)) then XCSL2012 = 6;
```

```
/* Else assume not at school */
```

```
else XCSL2012 = 6;
```

```
end;
```

## Current school level

### *XCSL2013*

#### Variable details

Cohort	Y09
Variable name	XCSL2013
Variable label	Derived: XCSL2013 Current school level
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2013 = 1 then do;

/* Still at school or returned to school */
if (LEA001 = 1 or LEA003 = 2) then do;
if XCSL2012 in (1,2) then XCSL2013 = 1; *Year 12;
else if XCSL2012 = 3 then XCSL2013 = 2; *Year 11;
else if XCSL2012 = 4 then XCSL2013 = 3; *Year 10;
else if XCSL2012 = 6 then XCSL2013 = 5; *Unknown (not at school in previous year);
else if missing(XCSL2012) then XCSL2013 = 5; *Unknown;
end;

/* Not at school */
```

```
else if (LEA001 = 2 or LEA003 in (1,3)) then XCSL2013 = 6;
```

```
/* Else assume not at school */
```

```
else XCSL2013 = 6;
```

```
end;
```

## Current school level

### *XCSL2014*

#### Variable details

Cohort	Y09
Variable name	XCSL2014
Variable label	Derived: XCSL2014 Current school level
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12
2 = 2 Year 11
3 = 3 Year 10
4 = 4 Year 9 or below
5 = 5 At School - Year level unknown
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2014 = 1 then do;

/* Still at school or returned to school */
if (LFA001 = 1 or LFA003 = 2) then do;
if XCSL2013 in (1,2) then XCSL2014 = 1; *Year 12;
else if XCSL2013 = 3 then XCSL2014 = 2; *Year 11;
else if XCSL2013 = 4 then XCSL2014 = 3; *Year 10;
else if XCSL2013 in (5,6) then XCSL2014 = 5; *Unknown (not at school in previous year);
else if missing(XCSL2013) then XCSL2014 = 5; *Unknown;
end;

/* Not at school */
```

```
else if (LFA001 = 2 or LFA003 in (1,3)) then XCSL2014 = 6;
```

```
/* Else assume not at school */
```

```
else XCSL2014 = 6;
```

```
end;
```

## Current school level

### *XCSL2015*

#### Variable details

Cohort	Y09
Variable name	XCSL2015
Variable label	Derived: XCSL2015 Current school level
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

if in2015 = 1 then XCSL2015 = 6;



## Current school level

### *XCSL2016*

#### Variable details

Cohort	Y09
Variable name	XCSL2016
Variable label	Derived: XCSL2016 Current school level
Topic area	Education
Data type	Numeric
Survey wave	8

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

if in2016 = 1 then XCSL2016 = 6;

## Current school level

### *XCSL2017*

#### Variable details

Cohort	Y09
Variable name	XCSL2017
Variable label	Derived: XCSL2017 Current school level
Topic area	Education
Data type	Numeric
Survey wave	9

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

if in2017 = 1 then XCSL2017 = 6;

## Current school level

### *XCSL2018*

#### Variable details

Cohort	Y09
Variable name	XCSL2018
Variable label	Derived: XCSL2018 Current school level
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The school year level reported at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

#### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

if in2018 = 1 then XCSL2018 = 6;

## Current school level

*XCSL2019*

### Variable details

Cohort	Y09
Variable name	XCSL2019
Variable label	Derived: XCSL2019 Current school level
Topic area	Education
Data type	Numeric
Survey wave	11

### Description

The school year level reported at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
5 = 5 At School - Year level unknown  
6 = 6 Not at school

### Notes

The category 'Year 12' includes respondents attending schools at year levels 12 or 13. Students undertaking school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2019 = 1 then XCSL2019 = 6;
```

## Highest school level completed

### *XHSL2009*

#### Variable details

Cohort	Y09
Variable name	XHSL2009
Variable label	Derived: XHSL2009 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2009 = 1 then do;  
  
/* Still at school */  
if ST01Q01 in (7,8,9,10) then XHSL2009 = 4; *In Year 10 or below - completed Year 9;  
else if ST01Q01 = 11 then XHSL2009 = 3; *In Year 11 - completed Year 10;  
else if ST01Q01 = 12 then XHSL2009 = 2; *In Year 12 - completed Year 11;  
else XHSL2009 = 99; *Year level unknown;  
  
end;
```

# Highest school level completed

## *XHSL2010*

### Variable details

Cohort	Y09
Variable name	XHSL2010
Variable label	Derived: XHSL2010 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	2

### Description

The highest school level completed at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2010 = 1 then do;

/* Still going to school */
if LBA001 = 1 then do;
if LBA007 in (1,2) then XHSL2010 = 4; *In Year 9 or 10 - completed Year 9 or below;
else if LBA007 = 3 then XHSL2010 = 3; *In Year 11 - completed Year 10;
else if LBA007 in (4,5) then XHSL2010 = 2; *In Year 12 or 13 - completed Year 11;
end;

/* Left school in 2010 and finished in September or later - finished the year */
else if LBA001 = 2 and LBA002M in (9,10,11,12,88) and LBA002Y = 10 then do;
if LBA007 = 1 then XHSL2010 = 4; *Year 9 or below;
else if LBA007 = 2 then XHSL2010 = 3; *Year 10;
```

```

else if LBA007 = 3 then XHSL2010 = 2; *Year 11;
else if LBA007 in (4,5) then XHSL2010 = 1; *Year 12 or 13;
end;

/* Left school in 2010 and finished before September - did not finish the year */
else if LBA001 = 2 and LBA002M not in (9,10,11,12,88) and LBA002Y = 10 then do;
if LBA007 in (1,2) then XHSL2010 = 4; *Year 9 or below;
else if LBA007 = 3 then XHSL2010 = 3; *Year 10;
else if LBA007 in (4,5) then XHSL2010 = 2; *Year 11;
end;

/* Left school in 2009 and finished in September or later - finished the year */
else if LBA001 = 2 and LBA002M in (9,10,11,12,88) and LBA002Y = 9 then do;
if LBB001 = 1 then XHSL2010 = 1; *Year 12;
else if LBB001 = 2 then XHSL2010 = 2; *Year 11;
else if LBB001 = 3 then XHSL2010 = 3; *Year 10;
else if LBB001 = 4 then XHSL2010 = 4; *Year 9 or below;
end;

/* Left school in 2009 and finished before September - did not finish the year */
else if LBA001 = 2 and LBA002M not in (9,10,11,12,88) and LBA002Y = 9 then do;
if LBB001 = 1 then XHSL2010 = 2; *Year 11;
else if LBB001 = 2 then XHSL2010 = 3; *Year 10;
else if LBB001 in (3,4) then XHSL2010 = 4; *Year 9 or below;
end;

/* Else same as previous year */
else XHSL2010 = XHSL2009;

end;

```

## Highest school level completed

### *XHSL2011*

#### Variable details

Cohort	Y09
Variable name	XHSL2011
Variable label	Derived: XHSL2011 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2011 = 1 then do;

/* Received Year 12 certificate */
if LCB017A = 1 then XHSL2011 = 1;

/* Still going to school or returned to school */
else if (LCA001 = 1 or LCA003 = 2) then do;
if LCA009 in (1,2) then XHSL2011 = 4; *In Year 9 or 10 - completed Year 9 or below;
else if LCA009 = 3 then XHSL2011 = 3; *In Year 11 - completed Year 10;
else if LCA009 in (4,5) then XHSL2011 = 2; *In Year 12 or 13 - completed Year 11;
end;

/* Left school in 2011 and finished in September or later - finished the year */
```



```

else if LCA001 = 2 and LCA002M in (9,10,11,12,88) and LCA002Y = 11 then do;
if LCA009 = 1 then XHSL2011 = 4; *Year 9 or below;
else if LCA009 = 2 then XHSL2011 = 3; *Year 10;
else if LCA009 = 3 then XHSL2011 = 2; *Year 11;
else if LCA009 in (4,5) then XHSL2011 = 1; *Year 12 or 13;
end;

/* Left school in 2011 and finished before September - did not finish the year */
else if LCA001 = 2 and LCA002M not in (9,10,11,12,88) and LCA002Y = 11 then do;
if LCA009 in (1,2) then XHSL2011 = 4; *Year 9 or below;
else if LCA009 = 3 then XHSL2011 = 3; *Year 10;
else if LCA009 in (4,5) then XHSL2011 = 2; *Year 11;
end;

/* Left school in 2010 and finished in September or later - finished the year */
else if LCA001 = 2 and LCA002M in (9,10,11,12,88) and LCA002Y = 10 then do;
if LCB001 in (1,2) then XHSL2011 = 1; *Year 12 or 13;
else if LCB001 = 3 then XHSL2011 = 2; *Year 11;
else if LCB001 = 4 then XHSL2011 = 3; *Year 10;
else if LCB001 = 5 then XHSL2011 = 4; *Year 9 or below;
end;

/* Left school in 2010 and finished before September - did not finish the year */
else if LCA001 = 2 and LCA002M not in (9,10,11,12,88) and LCA002Y = 10 then do;
if LCB001 in (1,2) then XHSL2011 = 2; *Year 11;
else if LCB001 = 3 then XHSL2011 = 3; *Year 10;
else if LCB001 in (4,5) then XHSL2011 = 4; *Year 9 or below;
end;

/* Missed a year of being surveyed */
else if missing(in2010) then XHSL2011 = XHSL2009;

/* Else same as previous year */
else XHSL2011 = XHSL2010;

end;

```

# Highest school level completed

## *XHSL2012*

### Variable details

Cohort	Y09
Variable name	XHSL2012
Variable label	Derived: XHSL2012 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	4

### Description

The highest school level completed at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2012 = 1 then do;  
  
/* Received Year 12 certificate */  
if LDB017A = 1 then XHSL2012 = 1;  
  
/* Still going to school or returned to school */  
else if (LDA001 = 1 or LDA003 = 2) then do;  
if LDA009 in (1,2) then XHSL2012 = 4; *In Year 9 or 10 - completed Year 9 or below;  
else if LDA009 = 3 then XHSL2012 = 3; *In Year 11 - completed Year 10;  
else if LDA009 in (4,5) then XHSL2012 = 2; *In Year 12 or 13 - completed Year 11;  
end;  
  
/* Left school in 2012 and finished in September or later - finished the year */
```

```

else if LDA001 = 2 and LDA002M in (9,10,11,12,88) and LDA002Y = 12 then do;
if LDA009 = 1 then XHSL2012 = 4; *Year 9 or below;
else if LDA009 = 2 then XHSL2012 = 3; *Year 10;
else if LDA009 = 3 then XHSL2012 = 2; *Year 11;
else if LDA009 in (4,5) then XHSL2012 = 1; *Year 12 or 13;
end;

/* Left school in 2012 and finished before September - did not finish the year */
else if LDA001 = 2 and LDA002M not in (9,10,11,12,88) and LDA002Y = 12 then do;
if LDA009 in (1,2) then XHSL2012 = 4; *Year 9 or below;
else if LDA009 = 3 then XHSL2012 = 3; *Year 10;
else if LDA009 in (4,5) then XHSL2012 = 2; *Year 11;
end;

/* Left school in 2011 and finished in September or later - finished the year */
else if LDA001 = 2 and LDA002M in (9,10,11,12,88) and LDA002Y = 11 then do;
if LDB001 in (1,2) then XHSL2012 = 1; *Year 12 or 13;
else if LDB001 = 3 then XHSL2012 = 2; *Year 11;
else if LDB001 = 4 then XHSL2012 = 3; *Year 10;
else if LDB001 = 5 then XHSL2012 = 4; *Year 9 or below;
end;

/* Left school in 2011 and finished before September - did not finish the year */
else if LDA001 = 2 and LDA002M not in (9,10,11,12,88) and LDA002Y = 11 then do;
if LDB001 in (1,2) then XHSL2012 = 2; *Year 11;
else if LDB001 = 3 then XHSL2012 = 3; *Year 10;
else if LDB001 in (4,5) then XHSL2012 = 4; *Year 9 or below;
end;

/* Missed a year of being surveyed */
else if missing(in2011) then XHSL2012 = XHSL2010;

/* Else same as previous year */
else XHSL2012 = XHSL2011;

end;

```

## Highest school level completed

### *XHSL2013*

#### Variable details

Cohort	Y09
Variable name	XHSL2013
Variable label	Derived: XHSL2013 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2013 = 1 then do;

/* Received Year 12 certificate */
if LEB017A = 1 then XHSL2013 = 1;

/* Still going to school or returned to school */
else if (LEA001 = 1 or LEA003 = 2) then do;
if not missing(XHSL2012) then XHSL2013 = XHSL2012;
else if missing(XHSL2012) then XHSL2013 = XHSL2011;
end;

/* Left school in 2013 and finished in September or later - finished the year */
else if LEA001 = 2 and LEA002M in (9,10,11,12,88) and LEA002Y = 13 then do;
```

```

if LEA005 = 1 then XHSL2013 = 2; *Year 11;
else if LEA005 in (2,3) then XHSL2013 = 1; *Year 12;
end;

/* Left school in 2013 and finished before September - did not finish the year */
else if LEA001 = 2 and LEA002M not in (9,10,11,12,88) and LEA002Y = 13 then do;
if LEA005 = 1 then XHSL2013 = 3; *Year 10;
else if LEA005 in (2,3) then XHSL2013 = 2; *Year 11;
end;

/* Left school in 2012 and finished in September or later - finished the year */
else if LEA001 = 2 and LEA002M in (9,10,11,12,88) and LEA002Y = 12 then do;
if LEB001 = 3 then XHSL2013 = 2; *Year 11;
else if LEB001 in (1,2) then XHSL2013 = 1; * Year 12;
end;

/* Left school in 2012 and finished before September - did not finish the year */
else if LEA001 = 2 and LEA002M not in (9,10,11,12,88) and LEA002Y = 12 then do;
if LEB001 in (1,2) then XHSL2013 = 2; *Year 11;
else if LEB001 = 3 then XHSL2013 = 3; *Year 10;
else if LEB001 in (4,5) then XHSL2013 = 4; *Year 9 or below;
end;

/* Missed a year of being surveyed */
else if missing(in2012) then XHSL2013 = XHSL2011;

/* Else same as previous year */
else XHSL2013 = XHSL2012;

end;

```

# Highest school level completed

## *XHSL2014*

### Variable details

Cohort	Y09
Variable name	XHSL2014
Variable label	Derived: XHSL2014 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	6

### Description

The highest school level completed at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2014 = 1 then do;  
  
/* Received Year 12 certificate */  
if LFB017A = 1 then XHSL2014 = 1;  
  
/* Still going to school or returned to school */  
else if (LFA001 = 1 or LFA003 = 2) then do;  
if not missing(XHSL2013) then XHSL2014 = XHSL2013;  
else if missing(XHSL2013) then XHSL2014 = XHSL2012;  
end;  
  
/* Left school in 2014 and finished in September or later - finished the year */  
else if LFA001 = 2 and LFA002M in (9,10,11,12,88) and LFA002Y = 14 then do;
```

```

if LFA005 = 1 then XHSL2014 = 2; *Year 11;
else if LFA005 in (2,3) then XHSL2014 = 1; *Year 12;
end;

/* Left school in 2014 and finished before September - did not finish the year */
else if LFA001 = 2 and LFA002M not in (9,10,11,12,88) and LFA002Y = 14 then do;

if LFA005 = 1 then XHSL2014 = 3; *Year 10;
else if LFA005 in (2,3) then XHSL2014 = 2; *Year 11;

end;

/* Left school in 2013 and finished in September or later - finished the year */
else if LFA001 = 2 and LFA002M in (9,10,11,12,88) and LFA002Y = 13 then do;
if LFB001 = 3 then XHSL2014 = 2; *Year 11;
else if LFB001 in (1,2) then XHSL2014 = 1; *Year 12;
end;

/* Left school in 2013 and finished before September - did not finish the year */
else if LFA001 = 2 and LFA002M not in (9,10,11,12,88) and LFA002Y = 13 then do;
if LFB001 in (1,2) then XHSL2014 = 2; *Year 11;
else if LFB001 = 3 then XHSL2014 = 3; *Year 10;
else if LFB001 in (4,5) then XHSL2014 = 4; *Year 9 or below;
end;

/* Missed a year of being surveyed */
else if missing(in2013) then XHSL2014 = XHSL2012;

/* Else same as previous year */
else XHSL2014 = XHSL2013;

end;

```

## Highest school level completed

### *XHSL2015*

#### Variable details

Cohort	Y09
Variable name	XHSL2015
Variable label	Derived: XHSL2015 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2015 = 1 then do;  
  
if not missing (XHSL2014) then XHSL2015 = XHSL2014;  
else if missing (XHSL2014) then XHSL2015 = XHSL2013;  
  
end;
```



## Highest school level completed

### *XHSL2016*

#### Variable details

Cohort	Y09
Variable name	XHSL2016
Variable label	Derived: XHSL2016 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	8

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2016 = 1 then do;  
  
if not missing (XHSL2015) then XHSL2016 = XHSL2015;  
else if missing (XHSL2015) then XHSL2016 = XHSL2014;  
  
end;
```

# Highest school level completed

## *XHSL2017*

### Variable details

Cohort	Y09
Variable name	XHSL2017
Variable label	Derived: XHSL2017 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	9

### Description

The highest school level completed at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2017 = 1 then do;  
  
if not missing (XHSL2016) then XHSL2017 = XHSL2016;  
else if missing (XHSL2016) then XHSL2017 = XHSL2015;  
  
end;
```

## Highest school level completed

### *XHSL2018*

#### Variable details

Cohort	Y09
Variable name	XHSL2018
Variable label	Derived: XHSL2018 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The highest school level completed at the time of the interview.

#### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

#### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

#### Syntax

```
if in2018 = 1 then do;  
if not missing (XHSL2017) then XHSL2018 = XHSL2017;  
else if missing (XHSL2017) then XHSL2018 = XHSL2016;  
end;
```

## Highest school level completed

*XHSL2019*

### Variable details

Cohort	Y09
Variable name	XHSL2019
Variable label	Derived: XHSL2019 Highest school level completed
Topic area	Education
Data type	Numeric
Survey wave	11

### Description

The highest school level completed at the time of the interview.

### Formats

1 = 1 Year 12  
2 = 2 Year 11  
3 = 3 Year 10  
4 = 4 Year 9 or below  
99 = 99 Year level unknown

### Notes

The category 'Year 12' includes respondents who have completed year levels 12 or 13. Students completing school at year level 13 complete an additional year, but not an additional qualification.

### Syntax

```
if in2019 = 1 then do;  
if not missing (XHSL2018) then XHSL2019 = XHSL2018;  
else if missing (XHSL2018) then XHSL2019 = XHSL2017;  
end;
```

## Current qualification level

### *XCEL2009*

#### Variable details

Cohort	Y09
Variable name	XCEL2009
Variable label	Derived: XCEL2009 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

/\* At school - assume no respondent enrolled in study leading to qualification \*/  
XCEL2009 = 10;

## Current qualification level

### *XCEL2010*

#### Variable details

Cohort	Y09
Variable name	XCEL2010
Variable label	Derived: XCEL2010 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Still at school */
```

```

if LBA001 = 1 then XCEL2010 = 10; *Not enrolled;

/* Still doing qualification in CA4/CA8 */
else if (LBCA027 = 1 or LBCA005 = 1) then do;
if LBCA004 = 2 then XCEL2010 = 1; *Certificate I;
else if LBCA004 = 3 then XCEL2010 = 2; *Certificate II;
else if LBCA004 = 4 then XCEL2010 = 3; *Certificate III;
else if LBCA004 = 5 then XCEL2010 = 4; *Certificate IV;
else if LBCA004 = 6 then XCEL2010 = 5; *Certificate - level unknown;
else if LBCA004 in (7,8,9,10) then XCEL2010 = 6; *Advanced Diploma/Diploma;
else if LBCA004 = 11 then XCEL2010 = 7; *Bachelor degree;
else if LBCA004 in (12,13) then XCEL2010 = 8; *Graduate diploma/Graduate certificate;
else if LBCA004 = 14 then XCEL2010 = 9; *Postgraduate degree;
else if LBCA004 in (1,15,16,17,18,19) then XCEL2010 = 10; * Not enrolled;
end;

/* Still doing qualification in CC6/CC16 */
else if LBCC016 = 1 then do;
if LBCC006 = 1 then XCEL2010 = 1; *Certificate I;
else if LBCC006 = 2 then XCEL2010 = 2; *Certificate II;
else if LBCC006 = 3 then XCEL2010 = 3; *Certificate III;
else if LBCC006 = 4 then XCEL2010 = 4; *Certificate IV;
else if LBCC006 = 5 then XCEL2010 = 5; *Certificate - level unknown;
else if LBCC006 in (6,7,8,9) then XCEL2010 = 6; *Advanced Diploma/Diploma;
else if LBCC006 = 10 then XCEL2010 = 7; *Bachelor degree;
else if LBCC006 in (11,12) then XCEL2010 = 8; *Graduate diploma/Graduate certificate;
else if LBCC006 = 13 then XCEL2010 = 9; *Postgraduate degree;
else if LBCC006 = 14 then XCEL2010 = 10; *Not enrolled;
end;

/* Still doing apprenticeship/traineeship in CA2 */
else if LBCC007 = 1 then do;
if LBCC002 = 1 then XCEL2010 = 1; *Certificate I;
else if LBCC002 = 2 then XCEL2010 = 2; *Certificate II;
else if LBCC002 = 3 then XCEL2010 = 3; *Certificate III;
else if LBCC002 = 4 then XCEL2010 = 4; *Certificate IV;
else if LBCC002 in (5,7) then XCEL2010 = 5; *Certificate - level unknown;
else if LBCC002 = 6 then XCEL2010 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C82 */
else if LBC085 not in (.) then do;
if LBC085 = 2 then XCEL2010 = 1; *Certificate I;

```

```
else if LBC085 = 3 then XCEL2010 = 2; *Certificate II;
else if LBC085 = 4 then XCEL2010 = 3; *Certificate III;
else if LBC085 = 5 then XCEL2010 = 4; *Certificate IV;
else if LBC085 = 6 then XCEL2010 = 5; *Certificate - level unknown;
else if LBC085 in (7,8,9,10) then XCEL2010 = 6; *Advanced Diploma/Diploma;
else if LBC085 = 11 then XCEL2010 = 7; *Bachelor degree;
else if LBC085 in (12,13) then XCEL2010 = 8; *Graduate diploma/Graduate certificate;
else if LBC085 = 14 then XCEL2010 = 9; *Postgraduate degree;
else if LBC085 in (15,16,17,18,19) and LBC082 in (1,2) then XCEL2010 = 5; *Cert - level unknown;
else if LBC085 in (1,15,16,17,18,19) then XCEL2010 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2010 = 10; *Not enrolled;

end;
```



## Current qualification level

### *XCEL2011*

#### Variable details

Cohort	Y09
Variable name	XCEL2011
Variable label	Derived: XCEL2011 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Still at school or returned to school */
```

```

if (LCA001 = 1 or LCA003 = 2) then XCEL2011 = 10; *Not enrolled;

/* Still doing studies from last year */
else if LCCA002 = 1 then do;
if not missing(XCEL2010) then XCEL2011 = XCEL2010;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2010) then XCEL2011 = XCEL2009;
end;

/* Resumed deferred studies */
else if LCCA006 = 1 then do;
if LCWSAM07 = 1 then XCEL2011 = 10; *Not enrolled;
else if LCWSAM07 = 2 then XCEL2011 = 1; *Certificate I;
else if LCWSAM07 = 3 then XCEL2011 = 2; *Certificate II;
else if LCWSAM07 = 4 then XCEL2011 = 3; *Certificate III;
else if LCWSAM07 = 5 then XCEL2011 = 4; *Certificate IV;
else if LCWSAM07 = 6 then XCEL2011 = 5; *Certificate - level unknown;
else if LCWSAM07 in (7,8,9,10) then XCEL2011 = 6; *Advanced Diploma/Diploma;
else if LCWSAM07 = 11 then XCEL2011 = 7; *Bachelor degree;
else if LCWSAM07 in (12,13) then XCEL2011 = 8; *Graduate diploma/Graduate certificate;
else if LCWSAM07 = 14 then XCEL2011 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LCCA003 = 1 and LCCD007A = 1 then do;
if not missing(XCEL2010) then XCEL2011 = XCEL2010;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2010) then XCEL2011 = XCEL2009;
end;

/* Still doing qualification in CA10/CA14 */
else if (LCCA035 = 1 or LCCA011 = 1) then do;
if LCCA010 = 2 then XCEL2011 = 1; *Certificate I;
else if LCCA010 = 3 then XCEL2011 = 2; *Certificate II;
else if LCCA010 = 4 then XCEL2011 = 3; *Certificate III;
else if LCCA010 = 5 then XCEL2011 = 4; *Certificate IV;
else if LCCA010 = 6 then XCEL2011 = 5; *Certificate - level unknown;
else if LCCA010 in (7,8,9,10) then XCEL2011 = 6; *Advanced Diploma/Diploma;
else if LCCA010 = 11 then XCEL2011 = 7; *Bachelor degree;
else if LCCA010 in (12,13) then XCEL2011 = 8; *Graduate diploma/Graduate certificate;
else if LCCA010 = 14 then XCEL2011 = 9; *Postgraduate degree;
else if LCCA010 in (1,15,16,17,18,19) then XCEL2011 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC16 - after changing course */
else if LCCC016 = 1 then do;
if LCCC006 = 1 then XCEL2011 = 1; *Certificate I;
else if LCCC006 = 2 then XCEL2011 = 2; *Certificate II;
else if LCCC006 = 3 then XCEL2011 = 3; *Certificate III;
else if LCCC006 = 4 then XCEL2011 = 4; *Certificate IV;
else if LCCC006 = 5 then XCEL2011 = 5; *Certificate - level unknown;
else if LCCC006 in (6,7,8,9) then XCEL2011 = 6; *Advanced Diploma/Diploma;
else if LCCC006 = 10 then XCEL2011 = 7; *Bachelor degree;
else if LCCC006 in (11,12) then XCEL2011 = 8; *Graduate diploma/Graduate certificate;
else if LCCC006 = 13 then XCEL2011 = 9; *Postgraduate degree;
else if LCCC006 = 14 then XCEL2011 = 10; *Not studying for a qualification;
end;

/* Still doing apprenticeship/traineeship in CA8 */
else if LCCD007 = 1 then do;
if LCCD002 = 1 then XCEL2011 = 1; *Certificate I;
else if LCCD002 = 2 then XCEL2011 = 2; *Certificate II;
else if LCCD002 = 3 then XCEL2011 = 3; *Certificate III;
else if LCCD002 = 4 then XCEL2011 = 4; *Certificate IV;
else if LCCD002 in (5,7) then XCEL2011 = 5; *Certificate - level unknown;
else if LCCD002 = 6 then XCEL2011 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LCC084 not in (.) then do;
if LCC084 = 2 then XCEL2011 = 1; *Certificate I;
else if LCC084 = 3 then XCEL2011 = 2; *Certificate II;
else if LCC084 = 4 then XCEL2011 = 3; *Certificate III;
else if LCC084 = 5 then XCEL2011 = 4; *Certificate IV;
else if LCC084 = 6 then XCEL2011 = 5; *Certificate - level unknown;
else if LCC084 in (7,8,9,10) then XCEL2011 = 6; *Advanced Diploma/Diploma;
else if LCC084 = 11 then XCEL2011 = 7; *Bachelor degree;
else if LCC084 in (12,13) then XCEL2011 = 8; *Graduate diploma/Graduate certificate;
else if LCC084 = 14 then XCEL2011 = 9; *Postgraduate degree;
else if LCC084 in (15,16,17,18,19) and LCC081 in (1,2) then XCEL2011 = 5; *Cert - level unknown;
else if LCC084 in (1,15,16,17,18,19) then XCEL2011 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2011 = 10; *Not enrolled;

```

end;

## Current qualification level

### *XCEL2012*

#### Variable details

Cohort	Y09
Variable name	XCEL2012
Variable label	Derived: XCEL2012 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2012 = 1 then do;  
  
/* Still at school or returned to school */
```

```

if (LDA001 = 1 or LDA003 = 2) then XCEL2012 = 10; *Not enrolled;

/* Still doing studies from last year */
else if LDCA002 = 1 then do;
if not missing(XCEL2011) then XCEL2012 = XCEL2011;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2011) then XCEL2012 = XCEL2010;
end;

/* Resumed deferred studies */
else if LDCA006 = 1 then do;
if LDWSAM07 = 1 then XCEL2012 = 10; *Not enrolled;
else if LDWSAM07 = 2 then XCEL2012 = 1; *Certificate I;
else if LDWSAM07 = 3 then XCEL2012 = 2; *Certificate II;
else if LDWSAM07 = 4 then XCEL2012 = 3; *Certificate III;
else if LDWSAM07 = 5 then XCEL2012 = 4; *Certificate IV;
else if LDWSAM07 = 6 then XCEL2012 = 5; *Certificate - level unknown;
else if LDWSAM07 in (7,8,9,10) then XCEL2012 = 6; *Advanced Diploma/Diploma;
else if LDWSAM07 = 11 then XCEL2012 = 7; *Bachelor degree;
else if LDWSAM07 in (12,13) then XCEL2012 = 8; *Graduate diploma/Graduate certificate;
else if LDWSAM07 = 14 then XCEL2012 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LDCA003 = 1 and LDCD007A = 1 then do;
if not missing(XCEL2011) then XCEL2012 = XCEL2011;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2011) then XCEL2012 = XCEL2010;
end;

/* Still doing qualification in CA10/CA14 */
else if (LDCA035 = 1 or LDCA011 = 1) then do;
if LDCA010 = 2 then XCEL2012 = 1; *Certificate I;
else if LDCA010 = 3 then XCEL2012 = 2; *Certificate II;
else if LDCA010 = 4 then XCEL2012 = 3; *Certificate III;
else if LDCA010 = 5 then XCEL2012 = 4; *Certificate IV;
else if LDCA010 = 6 then XCEL2012 = 5; *Certificate - level unknown;
else if LDCA010 in (7,8,9,10) then XCEL2012 = 6; *Advanced Diploma/Diploma;
else if LDCA010 = 11 then XCEL2012 = 7; *Bachelor degree;
else if LDCA010 in (12,13) then XCEL2012 = 8; *Graduate diploma/Graduate certificate;
else if LDCA010 = 14 then XCEL2012 = 9; *Postgraduate degree;
else if LDCA010 in (1,15,16,17,18,19) then XCEL2012 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC7 - after changing course */
else if LDCC016 = 1 then do;
if LDCC006 = 1 then XCEL2012 = 1; *Certificate I;
else if LDCC006 = 2 then XCEL2012 = 2; *Certificate II;
else if LDCC006 = 3 then XCEL2012 = 3; *Certificate III;
else if LDCC006 = 4 then XCEL2012 = 4; *Certificate IV;
else if LDCC006 = 5 then XCEL2012 = 5; *Certificate - level unknown;
else if LDCC006 in (6,7,8,9) then XCEL2012 = 6; *Advanced Diploma/Diploma;
else if LDCC006 = 10 then XCEL2012 = 7; *Bachelor degree;
else if LDCC006 in (11,12) then XCEL2012 = 8; *Graduate diploma/Graduate certificate;
else if LDCC006 = 13 then XCEL2012 = 9; *Postgraduate degree;
else if LDCC006 = 14 then XCEL2012 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LDCC007 = 1 then do;
if LDCC002 = 1 then XCEL2012 = 1; *Certificate I;
else if LDCC002 = 2 then XCEL2012 = 2; *Certificate II;
else if LDCC002 = 3 then XCEL2012 = 3; *Certificate III;
else if LDCC002 = 4 then XCEL2012 = 4; *Certificate IV;
else if LDCC002 in (5,7) then XCEL2012 = 5; *Certificate - level unknown;
else if LDCC002 = 6 then XCEL2012 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LDC084 not in (.) then do;
if LDC084 = 2 then XCEL2012 = 1; *Certificate I;
else if LDC084 = 3 then XCEL2012 = 2; *Certificate II;
else if LDC084 = 4 then XCEL2012 = 3; *Certificate III;
else if LDC084 = 5 then XCEL2012 = 4; *Certificate IV;
else if LDC084 = 6 then XCEL2012 = 5; *Certificate - level unknown;
else if LDC084 in (7,8,9,10) then XCEL2012 = 6; *Advanced Diploma/Diploma;
else if LDC084 = 11 then XCEL2012 = 7; *Bachelor degree;
else if LDC084 in (12,13) then XCEL2012 = 8; *Graduate diploma/Graduate certificate;
else if LDC084 = 14 then XCEL2012 = 9; *Postgraduate degree;
else if LDC084 in (15,16,17,18,19) and LDC081 in (1,2) then XCEL2012 = 5; *Cert - level unknown;
else if LDC084 in (1,15,16,17,18,19) then XCEL2012 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2012 = 10; *Not enrolled;

```

end;



## Current qualification level

### *XCEL2013*

#### Variable details

Cohort	Y09
Variable name	XCEL2013
Variable label	Derived: XCEL2013 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Still at school or returned to school */
```

```

if (LEA001 = 1 or LEA003 = 2) then XCEL2013 = 10; *Not enrolled;

/* Still doing studies from last year */
else if LECA002 = 1 then do;
if not missing(XCEL2012) then XCEL2013 = XCEL2012;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2012) then XCEL2013 = XCEL2011;
end;

/* Resumed deferred studies */
else if LECA006 = 1 then do;
if LEWSAM05 = 1 then XCEL2013 = 10; *Not enrolled;
else if LEWSAM05 = 2 then XCEL2013 = 1; *Certificate I;
else if LEWSAM05 = 3 then XCEL2013 = 2; *Certificate II;
else if LEWSAM05 = 4 then XCEL2013 = 3; *Certificate III;
else if LEWSAM05 = 5 then XCEL2013 = 4; *Certificate IV;
else if LEWSAM05 = 6 then XCEL2013 = 5; *Certificate - level unknown;
else if LEWSAM05 in (7,8,9,10) then XCEL2013 = 6; *Advanced Diploma/Diploma;
else if LEWSAM05 = 11 then XCEL2013 = 7; *Bachelor degree;
else if LEWSAM05 in (12,13) then XCEL2013 = 8; *Graduate diploma/Graduate certificate;
else if LEWSAM05 = 14 then XCEL2013 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LECA003 = 1 and LECD007A = 1 then do;
if not missing(XCEL2012) then XCEL2013 = XCEL2012;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2012) then XCEL2013 = XCEL2011;
end;

/* Still doing qualification in CA10/CA14 */
else if (LECA035 = 1 or LECA011 = 1) then do;
if LECA010 = 2 then XCEL2013 = 1; *Certificate I;
else if LECA010 = 3 then XCEL2013 = 2; *Certificate II;
else if LECA010 = 4 then XCEL2013 = 3; *Certificate III;
else if LECA010 = 5 then XCEL2013 = 4; *Certificate IV;
else if LECA010 = 6 then XCEL2013 = 5; *Certificate - level unknown;
else if LECA010 in (7,8,9,10) then XCEL2013 = 6; *Advanced Diploma/Diploma;
else if LECA010 = 11 then XCEL2013 = 7; *Bachelor degree;
else if LECA010 in (12,13) then XCEL2013 = 8; *Graduate diploma/Graduate certificate;
else if LECA010 = 14 then XCEL2013 = 9; *Postgraduate degree;
else if LECA010 in (1,15,16,17,18,19) then XCEL2013 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC7 - after changing course */
else if LECC016 = 1 then do;
if LECC006 = 1 then XCEL2013 = 1; *Certificate I;
else if LECC006 = 2 then XCEL2013 = 2; *Certificate II;
else if LECC006 = 3 then XCEL2013 = 3; *Certificate III;
else if LECC006 = 4 then XCEL2013 = 4; *Certificate IV;
else if LECC006 = 5 then XCEL2013 = 5; *Certificate - level unknown;
else if LECC006 in (6,7,8,9) then XCEL2013 = 6; *Advanced Diploma/Diploma;
else if LECC006 = 10 then XCEL2013 = 7; *Bachelor degree;
else if LECC006 in (11,12) then XCEL2013 = 8; *Graduate diploma/Graduate certificate;
else if LECC006 = 13 then XCEL2013 = 9; *Postgraduate degree;
else if LECC006 = 14 then XCEL2013 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LECD007 = 1 then do;
if LECD002 = 1 then XCEL2013 = 1; *Certificate I;
else if LECD002 = 2 then XCEL2013 = 2; *Certificate II;
else if LECD002 = 3 then XCEL2013 = 3; *Certificate III;
else if LECD002 = 4 then XCEL2013 = 4; *Certificate IV;
else if LECD002 in (5,7) then XCEL2013 = 5; *Certificate - level unknown;
else if LECD002 = 6 then XCEL2013 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LEC084 not in (.) then do;
if LEC084 = 2 then XCEL2013 = 1; *Certificate I;
else if LEC084 = 3 then XCEL2013 = 2; *Certificate II;
else if LEC084 = 4 then XCEL2013 = 3; *Certificate III;
else if LEC084 = 5 then XCEL2013 = 4; *Certificate IV;
else if LEC084 = 6 then XCEL2013 = 5; *Certificate - level unknown;
else if LEC084 in (7,8,9,10) then XCEL2013 = 6; *Advanced Diploma/Diploma;
else if LEC084 = 11 then XCEL2013 = 7; *Bachelor degree;
else if LEC084 in (12,13) then XCEL2013 = 8; *Graduate diploma/Graduate certificate;
else if LEC084 = 14 then XCEL2013 = 9; *Postgraduate degree;
else if LEC084 in (15,16,17,18,19) and LEC081 in (1,2) then XCEL2013 = 5; *Cert - level unknown;
else if LEC084 in (1,15,16,17,18,19) then XCEL2013 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2013 = 10; *Not enrolled;

```

end;

## Current qualification level

### *XCEL2014*

#### Variable details

Cohort	Y09
Variable name	XCEL2014
Variable label	Derived: XCEL2014 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2014 = 1 then do;  
  
/* Still at school or returned to school */
```

```

if (LFA001 = 1 or LFA003 = 2) then XCEL2014 = 10; *Not enrolled;

/* Still doing studies from last year */
else if LFCA002 = 1 then do;
if not missing(XCEL2013) then XCEL2014 = XCEL2013;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2013) then XCEL2014 = XCEL2012;
end;

/* Resumed deferred studies */
else if LFCA006 = 1 then do;
if LFWSAM04 = 1 then XCEL2014 = 10; *Not enrolled;
else if LFWSAM04 = 2 then XCEL2014 = 1; *Certificate I;
else if LFWSAM04 = 3 then XCEL2014 = 2; *Certificate II;
else if LFWSAM04 = 4 then XCEL2014 = 3; *Certificate III;
else if LFWSAM04 = 5 then XCEL2014 = 4; *Certificate IV;
else if LFWSAM04 = 6 then XCEL2014 = 5; *Certificate - level unknown;
else if LFWSAM04 in (7,8,9,10) then XCEL2014 = 6; *Advanced Diploma/Diploma;
else if LFWSAM04 = 11 then XCEL2014 = 7; *Bachelor degree;
else if LFWSAM04 in (12,13) then XCEL2014 = 8; *Graduate diploma/Graduate certificate;
else if LFWSAM04 = 14 then XCEL2014 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LFCA003 = 1 and LFCD007A = 1 then do;
if not missing(XCEL2013) then XCEL2014 = XCEL2013;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2013) then XCEL2014 = XCEL2012;
end;

/* Still doing qualification in CA10/CA14 */
else if (LFCA018 = 1 or LFCA011 = 1) then do;
if LFCA010 = 2 then XCEL2014 = 1; *Certificate I;
else if LFCA010 = 3 then XCEL2014 = 2; *Certificate II;
else if LFCA010 = 4 then XCEL2014 = 3; *Certificate III;
else if LFCA010 = 5 then XCEL2014 = 4; *Certificate IV;
else if LFCA010 = 6 then XCEL2014 = 5; *Certificate - level unknown;
else if LFCA010 in (7,8,9,10) then XCEL2014 = 6; *Advanced Diploma/Diploma;
else if LFCA010 = 11 then XCEL2014 = 7; *Bachelor degree;
else if LFCA010 in (12,13) then XCEL2014 = 8; *Graduate diploma/Graduate certificate;
else if LFCA010 = 14 then XCEL2014 = 9; *Postgraduate degree;
else if LFCA010 in (1,15,16,17,18,19) then XCEL2014 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC7 - after changing course */
else if LFCC016 = 1 then do;
if LFCC006 = 1 then XCEL2014 = 1; *Certificate I;
else if LFCC006 = 2 then XCEL2014 = 2; *Certificate II;
else if LFCC006 = 3 then XCEL2014 = 3; *Certificate III;
else if LFCC006 = 4 then XCEL2014 = 4; *Certificate IV;
else if LFCC006 = 5 then XCEL2014 = 5; *Certificate - level unknown;
else if LFCC006 in (6,7,8,9) then XCEL2014 = 6; *Advanced Diploma/Diploma;
else if LFCC006 = 10 then XCEL2014 = 7; *Bachelor degree;
else if LFCC006 in (11,12) then XCEL2014 = 8; *Graduate diploma/Graduate certificate;
else if LFCC006 = 13 then XCEL2014 = 9; *Postgraduate degree;
else if LFCC006 = 14 then XCEL2014 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LFCD007 = 1 then do;
if LFCD002 = 1 then XCEL2014 = 1; *Certificate I;
else if LFCD002 = 2 then XCEL2014 = 2; *Certificate II;
else if LFCD002 = 3 then XCEL2014 = 3; *Certificate III;
else if LFCD002 = 4 then XCEL2014 = 4; *Certificate IV;
else if LFCD002 in (5,7) then XCEL2014 = 5; *Certificate - level unknown;
else if LFCD002 = 6 then XCEL2014 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LFC084 not in (.) then do;
if LFC084 = 2 then XCEL2014 = 1; *Certificate I;
else if LFC084 = 3 then XCEL2014 = 2; *Certificate II;
else if LFC084 = 4 then XCEL2014 = 3; *Certificate III;
else if LFC084 = 5 then XCEL2014 = 4; *Certificate IV;
else if LFC084 = 6 then XCEL2014 = 5; *Certificate - level unknown;
else if LFC084 in (7,8,9,10) then XCEL2014 = 6; *Advanced Diploma/Diploma;
else if LFC084 = 11 then XCEL2014 = 7; *Bachelor degree;
else if LFC084 in (12,13) then XCEL2014 = 8; *Graduate diploma/Graduate certificate;
else if LFC084 = 14 then XCEL2014 = 9; *Postgraduate degree;
else if LFC084 in (15,16,17,18,19) and LFC081 in (1,2) then XCEL2014 = 5; *Cert - level unknown;
else if LFC084 in (1,15,16,17,18,19) then XCEL2014 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2014 = 10; *Not enrolled;

```

end;



## Current qualification level

### *XCEL2015*

#### Variable details

Cohort	Y09
Variable name	XCEL2015
Variable label	Derived: XCEL2015 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Still doing studies from last year */
```

```

if LGCA002 = 1 then do;
if not missing(XCEL2014) then XCEL2015 = XCEL2014;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2014) then XCEL2015 = XCEL2013;
end;

/* Resumed deferred studies */
else if LGCA006 = 1 then do;
if LGWSAM03 = 1 then XCEL2015 = 10; *Not enrolled;
else if LGWSAM03 = 2 then XCEL2015 = 1; *Certificate I;
else if LGWSAM03 = 3 then XCEL2015 = 2; *Certificate II;
else if LGWSAM03 = 4 then XCEL2015 = 3; *Certificate III;
else if LGWSAM03 = 5 then XCEL2015 = 4; *Certificate IV;
else if LGWSAM03 = 6 then XCEL2015 = 5; *Certificate - level unknown;
else if LGWSAM03 in (7,8,9,10) then XCEL2015 = 6; *Advanced Diploma/Diploma;
else if LGWSAM03 = 11 then XCEL2015 = 7; *Bachelor degree;
else if LGWSAM03 in (12,13) then XCEL2015 = 8; *Graduate diploma/Graduate certificate;
else if LGWSAM03 = 14 then XCEL2015 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LGCA003 = 1 and LGCD007A = 1 then do;
if not missing(XCEL2014) then XCEL2015 = XCEL2014;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2014) then XCEL2015 = XCEL2013;
end;

/* Still doing qualification in CA10/CA14 */
else if (LGCA018 = 1 or LGCA011 = 1) then do;
if LGCA010 = 2 then XCEL2015 = 1; *Certificate I;
else if LGCA010 = 3 then XCEL2015 = 2; *Certificate II;
else if LGCA010 = 4 then XCEL2015 = 3; *Certificate III;
else if LGCA010 = 5 then XCEL2015 = 4; *Certificate IV;
else if LGCA010 = 6 then XCEL2015 = 5; *Certificate - level unknown;
else if LGCA010 in (7,8,9,10) then XCEL2015 = 6; *Advanced Diploma/Diploma;
else if LGCA010 = 11 then XCEL2015 = 7; *Bachelor degree;
else if LGCA010 in (12,13) then XCEL2015 = 8; *Graduate diploma/Graduate certificate;
else if LGCA010 = 14 then XCEL2015 = 9; *Postgraduate degree;
else if LGCA010 in (1,15,16,17,18,19) then XCEL2015 = 10; *Not enrolled;
end;

/* Still doing qualification in CC6/CC7 - after changing course */
else if LGCC016 = 1 then do;

```

```

if LGCC006 = 1 then XCEL2015 = 1; *Certificate I;
else if LGCC006 = 2 then XCEL2015 = 2; *Certificate II;
else if LGCC006 = 3 then XCEL2015 = 3; *Certificate III;
else if LGCC006 = 4 then XCEL2015 = 4; *Certificate IV;
else if LGCC006 = 5 then XCEL2015 = 5; *Certificate - level unknown;
else if LGCC006 in (6,7,8,9) then XCEL2015 = 6; *Advanced Diploma/Diploma;
else if LGCC006 = 10 then XCEL2015 = 7; *Bachelor degree;
else if LGCC006 in (11,12) then XCEL2015 = 8; *Graduate diploma/Graduate certificate;
else if LGCC006 = 13 then XCEL2015 = 9; *Postgraduate degree;
else if LGCC006 = 14 then XCEL2015 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LGCD007 = 1 then do;
if LGCD002 = 1 then XCEL2015 = 1; *Certificate I;
else if LGCD002 = 2 then XCEL2015 = 2; *Certificate II;
else if LGCD002 = 3 then XCEL2015 = 3; *Certificate III;
else if LGCD002 = 4 then XCEL2015 = 4; *Certificate IV;
else if LGCD002 in (5,7) then XCEL2015 = 5; *Certificate - level unknown;
else if LGCD002 = 6 then XCEL2015 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LGC084 not in (.) then do;
if LGC084 = 2 then XCEL2015 = 1; *Certificate I;
else if LGC084 = 3 then XCEL2015 = 2; *Certificate II;
else if LGC084 = 4 then XCEL2015 = 3; *Certificate III;
else if LGC084 = 5 then XCEL2015 = 4; *Certificate IV;
else if LGC084 = 6 then XCEL2015 = 5; *Certificate - level unknown;
else if LGC084 in (7,8,9,10) then XCEL2015 = 6; *Advanced Diploma/Diploma;
else if LGC084 = 11 then XCEL2015 = 7; *Bachelor degree;
else if LGC084 in (12,13) then XCEL2015 = 8; *Graduate diploma/Graduate certificate;
else if LGC084 = 14 then XCEL2015 = 9; *Postgraduate degree;
else if LGC084 in (15,16,17,18,19) and LGC081 in (1,2) then XCEL2015 = 5; *Cert - level unknown;
else if LGC084 in (1,15,16,17,18,19) then XCEL2015 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2015 = 10; *Not enrolled;

end;

```

## Current qualification level

*XCEL2016*

### Variable details

Cohort	Y09
Variable name	XCEL2016
Variable label	Derived: XCEL2016 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	8

### Description

The qualification reported at the time of interview.

### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

### Syntax

```
if in2016 = 1 then do;
```

```

/* Still doing studies from last year */
if LHCA002 = 1 then do;

if not missing(XCEL2015) then XCEL2016 = XCEL2015;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2015) then XCEL2016 = XCEL2014;
end;

/* Resumed deferred studies */
else if LHCA006 = 1 then do;
if LHWSAM03 = 1 then XCEL2016 = 10; *Not enrolled;
else if LHWSAM03 = 2 then XCEL2016 = 1; *Certificate I;
else if LHWSAM03 = 3 then XCEL2016 = 2; *Certificate II;
else if LHWSAM03 = 4 then XCEL2016 = 3; *Certificate III;
else if LHWSAM03 = 5 then XCEL2016 = 4; *Certificate IV;
else if LHWSAM03 = 6 then XCEL2016 = 5; *Certificate - level unknown;
else if LHWSAM03 in (7,8,9,10) then XCEL2016 = 6; *Advanced Diploma/Diploma;
else if LHWSAM03 = 11 then XCEL2016 = 7; *Bachelor degree;
else if LHWSAM03 in (12,13) then XCEL2016 = 8; *Graduate diploma/Graduate certificate;
else if LHWSAM03 = 14 then XCEL2016 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LHCA003 = 1 and LHCD007A = 1 then do;
if not missing(XCEL2015) then XCEL2016 = XCEL2015;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2015) then XCEL2016 = XCEL2014;
end;

/* Still doing qualification in CA10/CA14 */
else if (LHCA018 = 1 or LHCA011 = 1) then do;
if LHCA010 = 2 then XCEL2016 = 1; *Certificate I;
else if LHCA010 = 3 then XCEL2016 = 2; *Certificate II;
else if LHCA010 = 4 then XCEL2016 = 3; *Certificate III;
else if LHCA010 = 5 then XCEL2016 = 4; *Certificate IV;
else if LHCA010 = 6 then XCEL2016 = 5; *Certificate - level unknown;
else if LHCA010 in (7,8,9,10) then XCEL2016 = 6; *Advanced Diploma/Diploma;
else if LHCA010 = 11 then XCEL2016 = 7; *Bachelor degree;
else if LHCA010 in (12,13) then XCEL2016 = 8; *Graduate diploma/Graduate certificate;
else if LHCA010 = 14 then XCEL2016 = 9; *Postgraduate degree;
else if LHCA010 in (1,15,16,17,18,19) then XCEL2016 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC7 - after changing course */
else if LHCC016 = 1 then do;
if LHCC006 = 1 then XCEL2016 = 1; *Certificate I;
else if LHCC006 = 2 then XCEL2016 = 2; *Certificate II;
else if LHCC006 = 3 then XCEL2016 = 3; *Certificate III;
else if LHCC006 = 4 then XCEL2016 = 4; *Certificate IV;
else if LHCC006 = 5 then XCEL2016 = 5; *Certificate - level unknown;
else if LHCC006 in (6,7,8,9) then XCEL2016 = 6; *Advanced Diploma/Diploma;
else if LHCC006 = 10 then XCEL2016 = 7; *Bachelor degree;
else if LHCC006 in (11,12) then XCEL2016 = 8; *Graduate diploma/Graduate certificate;
else if LHCC006 = 13 then XCEL2016 = 9; *Postgraduate degree;
else if LHCC006 = 14 then XCEL2016 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LHCD007 = 1 then do;
if LHCD002 = 1 then XCEL2016 = 1; *Certificate I;
else if LHCD002 = 2 then XCEL2016 = 2; *Certificate II;
else if LHCD002 = 3 then XCEL2016 = 3; *Certificate III;
else if LHCD002 = 4 then XCEL2016 = 4; *Certificate IV;
else if LHCD002 in (5,7) then XCEL2016 = 5; *Certificate - level unknown;
else if LHCD002 = 6 then XCEL2016 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LHC084 not in (.) then do;
if LHC084 = 2 then XCEL2016 = 1; *Certificate I;
else if LHC084 = 3 then XCEL2016 = 2; *Certificate II;
else if LHC084 = 4 then XCEL2016 = 3; *Certificate III;
else if LHC084 = 5 then XCEL2016 = 4; *Certificate IV;
else if LHC084 = 6 then XCEL2016 = 5; *Certificate - level unknown;
else if LHC084 in (7,8,9,10) then XCEL2016 = 6; *Advanced Diploma/Diploma;
else if LHC084 = 11 then XCEL2016 = 7; *Bachelor degree;
else if LHC084 in (12,13) then XCEL2016 = 8; *Graduate diploma/Graduate certificate;
else if LHC084 = 14 then XCEL2016 = 9; *Postgraduate degree;
else if LHC084 in (15,16,17,18,19) and LHC081 in (1,2) then XCEL2016 = 5; *Cert - level unknown;
else if LHC084 in (1,15,16,17,18,19) then XCEL2016 = 10; *Not enrolled;
end;

/*Else assumed not enrolled */
else XCEL2016 = 10; *Not enrolled;

end;

```

## Current qualification level

*XCEL2017*

### Variable details

Cohort	Y09
Variable name	XCEL2017
Variable label	Derived: XCEL2017 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	9

### Description

The qualification reported at the time of interview.

### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

### Syntax

if in2017 = 1 then do;

```

/* Still doing studies from last year */
if LICA002 = 1 then do;
if not missing(XCEL2016) then XCEL2017 = XCEL2016;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2016) then XCEL2017 = XCEL2015;
end;

/* Resumed deferred studies */
else if LICA006 = 1 then do;
if LIWSAM03 = 1 then XCEL2017 = 10; *Not enrolled;
else if LIWSAM03 = 2 then XCEL2017 = 1; *Certificate I;
else if LIWSAM03 = 3 then XCEL2017 = 2; *Certificate II;
else if LIWSAM03 = 4 then XCEL2017 = 3; *Certificate III;
else if LIWSAM03 = 5 then XCEL2017 = 4; *Certificate IV;
else if LIWSAM03 = 6 then XCEL2017 = 5; *Certificate - level unknown;
else if LIWSAM03 in (7,8,9,10) then XCEL2017 = 6; *Advanced Diploma/Diploma;
else if LIWSAM03 = 11 then XCEL2017 = 7; *Bachelor degree;
else if LIWSAM03 in (12,13) then XCEL2017 = 8; *Graduate diploma/Graduate certificate;
else if LIWSAM03 = 14 then XCEL2017 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LICA003 = 1 and LICD007A = 1 then do;
if not missing(XCEL2016) then XCEL2017 = XCEL2016;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2016) then XCEL2017 = XCEL2015;
end;

/* Still doing qualification in CA10/CA14 */
else if (LICA018 = 1 or LICA011 = 1) then do;
if LICA010 = 2 then XCEL2017 = 1; *Certificate I;
else if LICA010 = 3 then XCEL2017 = 2; *Certificate II;
else if LICA010 = 4 then XCEL2017 = 3; *Certificate III;
else if LICA010 = 5 then XCEL2017 = 4; *Certificate IV;
else if LICA010 = 6 then XCEL2017 = 5; *Certificate - level unknown;
else if LICA010 in (7,8,9,10) then XCEL2017 = 6; *Advanced Diploma/Diploma;
else if LICA010 = 11 then XCEL2017 = 7; *Bachelor degree;
else if LICA010 in (12,13) then XCEL2017 = 8; *Graduate diploma/Graduate certificate;
else if LICA010 = 14 then XCEL2017 = 9; *Postgraduate degree;
else if LICA010 in (1,15,16,17,18,19) then XCEL2017 = 10; *Not enrolled;
end;

/* Still doing qualification in CC6/CC7 - after changing course */

```



```

else if LICC016 = 1 then do;
if LICC006 = 1 then XCEL2017 = 1; *Certificate I;
else if LICC006 = 2 then XCEL2017 = 2; *Certificate II;
else if LICC006 = 3 then XCEL2017 = 3; *Certificate III;
else if LICC006 = 4 then XCEL2017 = 4; *Certificate IV;
else if LICC006 = 5 then XCEL2017 = 5; *Certificate - level unknown;
else if LICC006 in (6,7,8,9) then XCEL2017 = 6; *Advanced Diploma/Diploma;
else if LICC006 = 10 then XCEL2017 = 7; *Bachelor degree;
else if LICC006 in (11,12) then XCEL2017 = 8; *Graduate diploma/Graduate certificate;
else if LICC006 = 13 then XCEL2017 = 9; *Postgraduate degree;
else if LICC006 = 14 then XCEL2017 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LICD007 = 1 then do;
if LICD002 = 1 then XCEL2017 = 1; *Certificate I;
else if LICD002 = 2 then XCEL2017 = 2; *Certificate II;
else if LICD002 = 3 then XCEL2017 = 3; *Certificate III;
else if LICD002 = 4 then XCEL2017 = 4; *Certificate IV;
else if LICD002 in (5,7) then XCEL2017 = 5; *Certificate - level unknown;
else if LICD002 = 6 then XCEL2017 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LIC084 not in (.) then do;
if LIC084 = 2 then XCEL2017 = 1; *Certificate I;
else if LIC084 = 3 then XCEL2017 = 2; *Certificate II;
else if LIC084 = 4 then XCEL2017 = 3; *Certificate III;
else if LIC084 = 5 then XCEL2017 = 4; *Certificate IV;
else if LIC084 = 6 then XCEL2017 = 5; *Certificate - level unknown;
else if LIC084 in (7,8,9,10) then XCEL2017 = 6; *Advanced Diploma/Diploma;
else if LIC084 = 11 then XCEL2017 = 7; *Bachelor degree;
else if LIC084 in (12,13) then XCEL2017 = 8; *Graduate diploma/Graduate certificate;
else if LIC084 = 14 then XCEL2017 = 9; *Postgraduate degree;
else if LIC084 in (15,16,17,18,19) and LIC081 in (1,2) then XCEL2017 = 5; *Cert - level unknown;
else if LIC084 in (1,15,16,17,18,19) then XCEL2017 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2017 = 10; *Not enrolled;
end;

```

## Current qualification level

### *XCEL2018*

#### Variable details

Cohort	Y09
Variable name	XCEL2018
Variable label	Derived: XCEL2018 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2018 = 1 then do;
```

```

/* Still doing studies from last year */
if LJCA002 = 1 then do;
if not missing(XCEL2017) then XCEL2018 = XCEL2017;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2017) then XCEL2018 = XCEL2016;
end;

/* Resumed deferred studies */
else if LJCA006 = 1 then do;
if LJWSAM03 = 1 then XCEL2018 = 10; *Not enrolled;
else if LJWSAM03 = 2 then XCEL2018 = 1; *Certificate I;
else if LJWSAM03 = 3 then XCEL2018 = 2; *Certificate II;
else if LJWSAM03 = 4 then XCEL2018 = 3; *Certificate III;
else if LJWSAM03 = 5 then XCEL2018 = 4; *Certificate IV;
else if LJWSAM03 = 6 then XCEL2018 = 5; *Certificate - level unknown;
else if LJWSAM03 in (7,8,9,10) then XCEL2018 = 6; *Advanced Diploma/Diploma;
else if LJWSAM03 = 11 then XCEL2018 = 7; *Bachelor degree;
else if LJWSAM03 in (12,13) then XCEL2018 = 8; *Graduate diploma/Graduate certificate;
else if LJWSAM03 = 14 then XCEL2018 = 9; *Postgraduate degree;
end;

/* Still doing apprenticeship/traineeship from last year */
else if LJCA003 = 1 and LJCD007A = 1 then do;
if not missing(XCEL2017) then XCEL2018 = XCEL2017;

/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2017) then XCEL2018 = XCEL2016;
end;

/* Still doing qualification in CA10/CA14 */
else if (LJCA018 = 1 or LJCA011 = 1) then do;
if LJCA010 = 2 then XCEL2018 = 1; *Certificate I;
else if LJCA010 = 3 then XCEL2018 = 2; *Certificate II;
else if LJCA010 = 4 then XCEL2018 = 3; *Certificate III;
else if LJCA010 = 5 then XCEL2018 = 4; *Certificate IV;
else if LJCA010 = 6 then XCEL2018 = 5; *Certificate - level unknown;
else if LJCA010 in (7,8,9,10) then XCEL2018 = 6; *Advanced Diploma/Diploma;
else if LJCA010 = 11 then XCEL2018 = 7; *Bachelor degree;
else if LJCA010 in (12,13) then XCEL2018 = 8; *Graduate diploma/Graduate certificate;
else if LJCA010 = 14 then XCEL2018 = 9; *Postgraduate degree;
else if LJCA010 in (1,15,16,17,18,19) then XCEL2018 = 10; *Not enrolled;
end;

```

```

/* Still doing qualification in CC6/CC7 - after changing course */
else if LJCC016 = 1 then do;
if LJCC006 = 1 then XCEL2018 = 1; *Certificate I;
else if LJCC006 = 2 then XCEL2018 = 2; *Certificate II;
else if LJCC006 = 3 then XCEL2018 = 3; *Certificate III;
else if LJCC006 = 4 then XCEL2018 = 4; *Certificate IV;
else if LJCC006 = 5 then XCEL2018 = 5; *Certificate - level unknown;
else if LJCC006 in (6,7,8,9) then XCEL2018 = 6; *Advanced Diploma/Diploma;
else if LJCC006 = 10 then XCEL2018 = 7; *Bachelor degree;
else if LJCC006 in (11,12) then XCEL2018 = 8; *Graduate diploma/Graduate certificate;
else if LJCC006 = 13 then XCEL2018 = 9; *Postgraduate degree;
else if LJCC006 = 14 then XCEL2018 = 10; *Not enrolled;
end;

/* Current apprenticeship/traineeship */
else if LJCD007 = 1 then do;
if LJCD002 = 1 then XCEL2018 = 1; *Certificate I;
else if LJCD002 = 2 then XCEL2018 = 2; *Certificate II;
else if LJCD002 = 3 then XCEL2018 = 3; *Certificate III;
else if LJCD002 = 4 then XCEL2018 = 4; *Certificate IV;
else if LJCD002 in (5,7) then XCEL2018 = 5; *Certificate - level unknown;
else if LJCD002 = 6 then XCEL2018 = 6; *Advanced Diploma/Diploma;
end;

/* Current study or training in C81 */
else if LJC084 not in (.) then do;
if LJC084 = 2 then XCEL2018 = 1; *Certificate I;
else if LJC084 = 3 then XCEL2018 = 2; *Certificate II;
else if LJC084 = 4 then XCEL2018 = 3; *Certificate III;
else if LJC084 = 5 then XCEL2018 = 4; *Certificate IV;
else if LJC084 = 6 then XCEL2018 = 5; *Certificate - level unknown;
else if LJC084 in (7,8,9,10) then XCEL2018 = 6; *Advanced Diploma/Diploma;
else if LJC084 = 11 then XCEL2018 = 7; *Bachelor degree;
else if LJC084 in (12,13) then XCEL2018 = 8; *Graduate diploma/Graduate certificate;
else if LJC084 = 14 then XCEL2018 = 9; *Postgraduate degree;
else if LJC084 in (15,16,17,18,19) and LJC081 in (1,2) then XCEL2018 = 5; *Cert - level unknown;
else if LJC084 in (1,15,16,17,18,19) then XCEL2018 = 10; *Not enrolled;
end;

/* Else assumed not enrolled */
else XCEL2018 = 10; *Not enrolled;
end;

```

## Current qualification level

### *XCEL2019*

#### Variable details

Cohort	Y09
Variable name	XCEL2019
Variable label	Derived: XCEL2019 Current qualification level
Topic area	Education
Data type	Numeric
Survey wave	11

#### Description

The qualification reported at the time of interview.

#### Formats

1 = 1 Certificate I  
2 = 2 Certificate II  
3 = 3 Certificate III  
4 = 4 Certificate IV  
5 = 5 Certificate - level unknown  
6 = 6 Advanced diploma/diploma (incl. associate degree)  
7 = 7 Bachelor degree  
8 = 8 Graduate diploma/graduate certificate  
9 = 9 Postgraduate degree (PhD/Masters)  
10 = 10 Not studying for a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Not studying for a qualification' includes respondents who are: at school, undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying for a qualification.

Respondents undertaking an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2019 = 1 then do;  
/* Still doing studies from last year */
```

```

if LKCA002 = 1 then do;
if not missing(XCEL2018) then XCEL2019 = XCEL2018;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2018) then XCEL2019 = XCEL2017;
end;
/* Resumed deferred studies */
else if LKCA006 = 1 then do;
if LKWSAM03 = 1 then XCEL2019 = 10; *Not enrolled;
else if LKWSAM03 = 2 then XCEL2019 = 1; *Certificate I;
else if LKWSAM03 = 3 then XCEL2019 = 2; *Certificate II;
else if LKWSAM03 = 4 then XCEL2019 = 3; *Certificate III;
else if LKWSAM03 = 5 then XCEL2019 = 4; *Certificate IV;
else if LKWSAM03 = 6 then XCEL2019 = 5; *Certificate - level unknown;
else if LKWSAM03 in (7,8,9,10) then XCEL2019 = 6; *Advanced Diploma/Diploma;
else if LKWSAM03 = 11 then XCEL2019 = 7; *Bachelor degree;
else if LKWSAM03 in (12,13) then XCEL2019 = 8; *Graduate diploma/Graduate certificate;
else if LKWSAM03 = 14 then XCEL2019 = 9; *Postgraduate degree;
end;
/* Still doing apprenticeship/traineeship from last year */
else if LKCA003 = 1 and LKCD007A = 1 then do;
if not missing(XCEL2018) then XCEL2019 = XCEL2018;
/* Use current education level from two years prior if not in previous wave */
else if missing(XCEL2018) then XCEL2019 = XCEL2017;
end;
/* Still doing qualification in CA10/CA14 */
else if (LKCA018 = 1 or LKCA011 = 1) then do;
if LKCA010 = 2 then XCEL2019 = 1; *Certificate I;
else if LKCA010 = 3 then XCEL2019 = 2; *Certificate II;
else if LKCA010 = 4 then XCEL2019 = 3; *Certificate III;
else if LKCA010 = 5 then XCEL2019 = 4; *Certificate IV;
else if LKCA010 = 6 then XCEL2019 = 5; *Certificate - level unknown;
else if LKCA010 in (7,8,9,10) then XCEL2019 = 6; *Advanced Diploma/Diploma;
else if LKCA010 = 11 then XCEL2019 = 7; *Bachelor degree;
else if LKCA010 in (12,13) then XCEL2019 = 8; *Graduate diploma/Graduate certificate;
else if LKCA010 = 14 then XCEL2019 = 9; *Postgraduate degree;
else if LKCA010 in (1,15,16,17,18,19) then XCEL2019 = 10; *Not enrolled;
end;
/* Still doing qualification in CC6/CC7 - after changing course */
else if LKCC016 = 1 then do;
if LKCC006 = 1 then XCEL2019 = 1; *Certificate I;
else if LKCC006 = 2 then XCEL2019 = 2; *Certificate II;
else if LKCC006 = 3 then XCEL2019 = 3; *Certificate III;
else if LKCC006 = 4 then XCEL2019 = 4; *Certificate IV;

```

```

else if LKCC006 = 5 then XCEL2019 = 5; *Certificate - level unknown;
else if LKCC006 in (6,7,8,9) then XCEL2019 = 6; *Advanced Diploma/Diploma;
else if LKCC006 = 10 then XCEL2019 = 7; *Bachelor degree;
else if LKCC006 in (11,12) then XCEL2019 = 8; *Graduate diploma/Graduate certificate;
else if LKCC006 = 13 then XCEL2019 = 9; *Postgraduate degree;
else if LKCC006 = 14 then XCEL2019 = 10; *Not enrolled;
end;
/* Current apprenticeship/traineeship */
else if LKCD007 = 1 then do;
if LKCD002 = 1 then XCEL2019 = 1; *Certificate I;
else if LKCD002 = 2 then XCEL2019 = 2; *Certificate II;
else if LKCD002 = 3 then XCEL2019 = 3; *Certificate III;
else if LKCD002 = 4 then XCEL2019 = 4; *Certificate IV;
else if LKCD002 in (5,7) then XCEL2019 = 5; *Certificate - level unknown;
else if LKCD002 = 6 then XCEL2019 = 6; *Advanced Diploma/Diploma;
end;
/* Current study or training in C81 */
else if LKC084 not in (.) then do;
if LKC084 = 2 then XCEL2019 = 1; *Certificate I;
else if LKC084 = 3 then XCEL2019 = 2; *Certificate II;
else if LKC084 = 4 then XCEL2019 = 3; *Certificate III;
else if LKC084 = 5 then XCEL2019 = 4; *Certificate IV;
else if LKC084 = 6 then XCEL2019 = 5; *Certificate - level unknown;
else if LKC084 in (7,8,9,10) then XCEL2019 = 6; *Advanced Diploma/Diploma;
else if LKC084 = 11 then XCEL2019 = 7; *Bachelor degree;
else if LKC084 in (12,13) then XCEL2019 = 8; *Graduate diploma/Graduate certificate;
else if LKC084 = 14 then XCEL2019 = 9; *Postgraduate degree;
else if LKC084 in (15,16,17,18,19) and LKC081 in (1,2) then XCEL2019 = 5; *Cert - level unknown;
else if LKC084 in (1,15,16,17,18,19) then XCEL2019 = 10; *Not enrolled;
end;
/* Else assumed not enrolled */
else XCEL2019 = 10; *Not enrolled;
end;

```

## Highest qualification level completed

### *XHEL2009*

#### Variable details

Cohort	Y09
Variable name	XHEL2009
Variable label	Derived: XHEL2009 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
/* At school - assume no respondent enrolled in study leading to qualification */  
XHEL2009 = 10;
```



## Highest qualification level completed

### *XHEL2010*

#### Variable details

Cohort	Y09
Variable name	XHEL2010
Variable label	Derived: XHEL2010 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2009) then XHEL2010 = XHEL2009;
```

*/\* Still at school \*/*

if LBA001 = 1 and XHEL2010 not in (1,2,3,4,5,6,7,8,9) then XHEL2010 = 10;

*/\* Completed qualification in CA4/CA8 \*/*

if LBCA030 = 1 and LBCA004 not in (.) then do;

if LBCA004 = 2 and XHEL2010 not in (2,3,4,6,7,8,9) then XHEL2010 = 1; \*Certificate I;

else if LBCA004 = 3 and XHEL2010 not in (3,4,6,7,8,9) then XHEL2010 = 2; \*Certificate II;

else if LBCA004 = 4 and XHEL2010 not in (4,6,7,8,9) then XHEL2010 = 3; \*Certificate III;

else if LBCA004 = 5 and XHEL2010 not in (6,7,8,9) then XHEL2010 = 4; \*Certificate IV;

else if LBCA004 = 6 and XHEL2010 not in (1,2,3,4,6,7,8,9) then XHEL2010 = 5; \*Certificate - level unknown;

else if LBCA004 in (7,8,9,10) and XHEL2010 not in (7,8,9) then XHEL2010 = 6; \*Advanced Diploma/Diploma;

else if LBCA004 = 11 and XHEL2010 not in (8,9) then XHEL2010 = 7; \*Bachelor degree;

else if LBCA004 in (12,13) and XHEL2010 not in (9) then XHEL2010 = 8; \*Graduate diploma/Graduate certificate;

else if LBCA004 = 14 then XHEL2010 = 9; \*Postgraduate degree;

else if LBCA004 in (1,15,16,17,18,19) and XHEL2010 not in (1,2,3,4,5,6,7,8,9) then XHEL2010 = 10; \*Did not complete;

end;

*/\* Completed qualification in CC6/CC7 \*/*

if LBCC025 = 1 then do;

if LBCC006 = 1 and XHEL2010 not in (2,3,4,6,7,8,9) then XHEL2010 = 1; \*Certificate I;

else if LBCC006 = 2 and XHEL2010 not in (3,4,6,7,8,9) then XHEL2010 = 2; \*Certificate II;

else if LBCC006 = 3 and XHEL2010 not in (4,6,7,8,9) then XHEL2010 = 3; \*Certificate III;

else if LBCC006 = 4 and XHEL2010 not in (6,7,8,9) then XHEL2010 = 4; \*Certificate IV;

else if LBCC006 = 5 and XHEL2010 not in (1,2,3,4,6,7,8,9) then XHEL2010 = 5; \*Certificate - level unknown;

else if LBCC006 in (6,7,8,9) and XHEL2010 not in (7,8,9) then XHEL2010 = 6; \*Advanced Diploma/Diploma;

else if LBCC006 = 10 and XHEL2010 not in (8,9) then XHEL2010 = 7; \*Bachelor degree;

else if LBCC006 in (11,12) and XHEL2010 not in (9) then XHEL2010 = 8; \*Graduate diploma/Graduate certificate;

else if LBCC006 = 13 then XHEL2010 = 9; \*Postgraduate degree;

else if LBCC006 = 14 and XHEL2010 not in (1,2,3,4,5,6,7,8,9) then XHEL2010 = 10; \*Did not complete;

end;

*/\* Completed apprenticeship/traineeship \*/*

if LBCD017 = 1 then do;

if LBCD002 = 1 and XHEL2010 not in (2,3,4,6,7,8,9) then XHEL2010 = 1; \*Certificate I;

else if LBCD002 = 2 and XHEL2010 not in (3,4,6,7,8,9) then XHEL2010 = 2; \*Certificate II;

else if LBCD002 = 3 and XHEL2010 not in (4,6,7,8,9) then XHEL2010 = 3; \*Certificate III;

else if LBCD002 = 4 and XHEL2010 not in (6,7,8,9) then XHEL2010 = 4; \*Certificate IV;

```
else if LBCD002 in (5,7) and XHEL2010 not in (1,2,3,4,6,7,8,9) then XHEL2010 = 5; *Certificate - level  
unknown;  
else if LBCD002 = 6 and XHEL2010 not in (7,8,9) then XHEL2010 = 6; *Advanced Diploma/Diploma;  
end;  
  
end;
```

## Highest qualification level completed

### *XHEL2011*

#### Variable details

Cohort	Y09
Variable name	XHEL2011
Variable label	Derived: XHEL2011 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2010) then XHEL2011 = XHEL2010;
```

```

else if missing(XHEL2010) then XHEL2011 = XHEL2009;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2010) then XCEL2010 = XCEL2009;

/* Still at school or returned to school */
if (LCA001 = 1 or LCA003 = 2) and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10;

/* Completed last year's study or training */
if (LCCA002 = 2 and LCCA038 = 1) or (LCCA003 = 1 and LCCD018 = 1) then do;
if XCEL2010 = 1 and XHEL2011 not in (2,3,4,6,7,8,9) then XHEL2011 = 1; *Certificate I;
else if XCEL2010 = 2 and XHEL2011 not in (3,4,6,7,8,9) then XHEL2011 = 2; *Certificate II;
else if XCEL2010 = 3 and XHEL2011 not in (4,6,7,8,9) then XHEL2011 = 3; *Certificate III;
else if XCEL2010 = 4 and XHEL2011 not in (6,7,8,9) then XHEL2011 = 4; *Certificate IV;
else if XCEL2010 = 5 and XHEL2011 not in (1,2,3,4,6,7,8,9) then XHEL2011 = 5; *Certificate - level unknown;
else if XCEL2010 = 6 and XHEL2011 not in (7,8,9) then XHEL2011 = 6; *Advanced Diploma/Diploma;
else if XCEL2010 = 7 and XHEL2011 not in (8,9) then XHEL2011 = 7; *Bachelor degree;
else if XCEL2010 = 8 and XHEL2011 not in (9) then XHEL2011 = 8; *Graduate diploma/Graduate certificate;
else if XCEL2010 = 9 then XHEL2011 = 9; *Postgraduate degree;
else if XCEL2010 = 10 and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10; *Did not complete;
end;

/* Completed deferred study */
if LCCA006 = 2 and LCCA038 = 1 then do;
if LCWSAM07 = 1 and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10; *Did not complete;
else if LCWSAM07 = 2 and XHEL2011 not in (2,3,4,6,7,8,9) then XHEL2011 = 1; *Certificate I;
else if LCWSAM07 = 3 and XHEL2011 not in (3,4,6,7,8,9) then XHEL2011 = 2; *Certificate II;
else if LCWSAM07 = 4 and XHEL2011 not in (4,6,7,8,9) then XHEL2011 = 3; *Certificate III;
else if LCWSAM07 = 5 and XHEL2011 not in (6,7,8,9) then XHEL2011 = 4; *Certificate IV;
else if LCWSAM07 = 6 and XHEL2011 not in (1,2,3,4,6,7,8,9) then XHEL2011 = 5; *Certificate - level unknown;
else if LCWSAM07 in (7,8,9,10) and XHEL2011 not in (7,8,9) then XHEL2011 = 6; *Advanced Diploma/Diploma;
else if LCWSAM07 = 11 and XHEL2011 not in (8,9) then XHEL2011 = 7; *Bachelor degree;
else if LCWSAM07 in (12,13) and XHEL2011 not in (9) then XHEL2011 = 8; *Graduate diploma/Graduate certificate;
else if LCWSAM07 = 14 then XHEL2011 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LCCA038 = 1 and LCCA010 not in (.) then do;
if LCCA010 = 2 and XHEL2011 not in (2,3,4,6,7,8,9) then XHEL2011 = 1; *Certificate I;
else if LCCA010 = 3 and XHEL2011 not in (3,4,6,7,8,9) then XHEL2011 = 2; *Certificate II;

```

```

else if LCCA010 = 4 and XHEL2011 not in (4,6,7,8,9) then XHEL2011 = 3; *Certificate III;
else if LCCA010 = 5 and XHEL2011 not in (6,7,8,9) then XHEL2011 = 4; *Certificate IV;
else if LCCA010 = 6 and XHEL2011 not in (1,2,3,4,6,7,8,9) then XHEL2011 = 5; *Certificate - level
unknown;
else if LCCA010 in (7,8,9,10) and XHEL2011 not in (7,8,9) then XHEL2011 = 6; *Advanced
Diploma/Diploma;
else if LCCA010 = 11 and XHEL2011 not in (8,9) then XHEL2011 = 7; *Bachelor degree;
else if LCCA010 in (12,13) and XHEL2011 not in (9) then XHEL2011 = 8; *Graduate diploma/Graduate
certificate;
else if LCCA010 = 14 then XHEL2011 = 9; *Postgraduate degree;
else if LCCA010 in (1,15,16,17,18,19) and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10; *Did
not complete a qualification;
end;

```

```

/* Completed qualification in CC6/CC7 (changed courses since last interview) */

```

```

if LCCC025 = 1 then do;
if LCCC006 = 1 and XHEL2011 not in (2,3,4,6,7,8,9) then XHEL2011 = 1; *Certificate I;
else if LCCC006 = 2 and XHEL2011 not in (3,4,6,7,8,9) then XHEL2011 = 2; *Certificate II;
else if LCCC006 = 3 and XHEL2011 not in (4,6,7,8,9) then XHEL2011 = 3; *Certificate III;
else if LCCC006 = 4 and XHEL2011 not in (6,7,8,9) then XHEL2011 = 4; *Certificate IV;
else if LCCC006 = 5 and XHEL2011 not in (1,2,3,4,6,7,8,9) then XHEL2011 = 5; *Certificate - level
unknown;
else if LCCC006 in (6,7,8,9) and XHEL2011 not in (7,8,9) then XHEL2011 = 6; *Advanced
Diploma/Diploma;
else if LCCC006 = 10 and XHEL2011 not in (8,9) then XHEL2011 = 7; *Bachelor degree;
else if LCCC006 in (11,12) and XHEL2011 not in (9) then XHEL2011 = 8; *Graduate diploma/Graduate
certificate;
else if LCCC006 = 13 then XHEL2011 = 9; *Postgraduate degree;
else if LCCC006 = 14 and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10; *Did not complete a
qualification;
end;

```

```

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */

```

```

if LCCD018 = 1 and LCCD002 not in (.) then do;
if LCCD002 = 1 and XHEL2011 not in (2,3,4,6,7,8,9) then XHEL2011 = 1; *Certificate I;
else if LCCD002 = 2 and XHEL2011 not in (3,4,6,7,8,9) then XHEL2011 = 2; *Certificate II;
else if LCCD002 = 3 and XHEL2011 not in (4,6,7,8,9) then XHEL2011 = 3; *Certificate III;
else if LCCD002 = 4 and XHEL2011 not in (6,7,8,9) then XHEL2011 = 4; *Certificate IV;
else if LCCD002 in (5,7) and XHEL2011 not in (1,2,3,4,6,7,8,9) then XHEL2011 = 5; *Certificate - level
unknown;
else if LCCD002 = 6 and XHEL2011 not in (7,8,9) then XHEL2011 = 6; *Advanced Diploma/Diploma;
end;

```

```

/* Reset current education level from previous wave for those not in the previous wave */

```

```

if missing(in2010) then XCEL2010 = .;

```

end;

## Highest qualification level completed

### *XHEL2012*

#### Variable details

Cohort	Y09
Variable name	XHEL2012
Variable label	Derived: XHEL2012 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2012 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2011) then XHEL2012 = XHEL2011;
```



```

else if missing(XHEL2011) then XHEL2012 = XHEL2010;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2011) then XCEL2011 = XCEL2010;

/* Still at school or returned to school */
if (LDA001 = 1 or LDA003 = 2) and XHEL2012 not in (1,2,3,4,5,6,7,8,9) then XHEL2012 = 10;

/* Completed last year's study or training */
if (LDCA002 = 2 and LDCA038 = 1) or (LDCA003 = 1 and LDCA018 = 1) then do;
if XCEL2011 = 1 and XHEL2012 not in (2,3,4,6,7,8,9) then XHEL2012 = 1; *Certificate I;
else if XCEL2011 = 2 and XHEL2012 not in (3,4,6,7,8,9) then XHEL2012 = 2; *Certificate II;
else if XCEL2011 = 3 and XHEL2012 not in (4,6,7,8,9) then XHEL2012 = 3; *Certificate III;
else if XCEL2011 = 4 and XHEL2012 not in (6,7,8,9) then XHEL2012 = 4; *Certificate IV;
else if XCEL2011 = 5 and XHEL2012 not in (1,2,3,4,6,7,8,9) then XHEL2012 = 5; *Certificate - level unknown;
else if XCEL2011 = 6 and XHEL2012 not in (7,8,9) then XHEL2012 = 6; *Advanced diploma/Diploma;
else if XCEL2011 = 7 and XHEL2012 not in (8,9) then XHEL2012 = 7; *Bachelor degree;
else if XCEL2011 = 8 and XHEL2012 not in (9) then XHEL2012 = 8; *Graduate diploma/Graduate certificate;
else if XCEL2011 = 9 then XHEL2012 = 9; *Postgraduate degree;
else if XCEL2011 = 10 and XHEL2012 not in (1,2,3,4,5,6,7,8,9) then XHEL2012 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LDCA006 = 2 and LDCA038 = 1 then do;
if LDWSAM07 = 1 and XHEL2012 not in (1,2,3,4,5,6,7,8,9) then XHEL2012 = 10; *Did not complete;
else if LDWSAM07 = 2 and XHEL2012 not in (2,3,4,6,7,8,9) then XHEL2012 = 1; *Certificate I;
else if LDWSAM07 = 3 and XHEL2012 not in (3,4,6,7,8,9) then XHEL2012 = 2; *Certificate II;
else if LDWSAM07 = 4 and XHEL2012 not in (4,6,7,8,9) then XHEL2012 = 3; *Certificate III;
else if LDWSAM07 = 5 and XHEL2012 not in (6,7,8,9) then XHEL2012 = 4; *Certificate IV;
else if LDWSAM07 = 6 and XHEL2012 not in (1,2,3,4,6,7,8,9) then XHEL2012 = 5; *Certificate - level unknown;
else if LDWSAM07 in (7,8,9,10) and XHEL2012 not in (7,8,9) then XHEL2012 = 6; *Advanced Diploma/Diploma;
else if LDWSAM07 = 11 and XHEL2012 not in (8,9) then XHEL2012 = 7; *Bachelor degree;
else if LDWSAM07 in (12,13) and XHEL2012 not in (9) then XHEL2012 = 8; *Graduate diploma/Graduate certificate;
else if LDWSAM07 = 14 then XHEL2012 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LDCA038 = 1 and LDCA010 not in (.) then do;
if LDCA010 = 2 and XHEL2012 not in (2,3,4,6,7,8,9) then XHEL2012 = 1; *Certificate I;
else if LDCA010 = 3 and XHEL2012 not in (3,4,6,7,8,9) then XHEL2012 = 2; *Certificate II;

```

```

else if LDCA010 = 4 and XHEL2012 not in (4,6,7,8,9) then XHEL2012 = 3; *Certificate III;
else if LDCA010 = 5 and XHEL2012 not in (6,7,8,9) then XHEL2012 = 4; *Certificate IV;
else if LDCA010 = 6 and XHEL2012 not in (1,2,3,4,6,7,8,9) then XHEL2012 = 5; *Certificate - Level
unknown;
else if LDCA010 in (7,8,9,10) and XHEL2012 not in (7,8,9) then XHEL2012 = 6; *Advanced
diploma/Diploma;
else if LDCA010 = 11 and XHEL2012 not in (8,9) then XHEL2012 = 7; *Bachelor degree;
else if LDCA010 in (12,13) and XHEL2012 not in (9) then XHEL2012 = 8; *Graduate diploma/Graduate
certificate;
else if LDCA010 = 14 then XHEL2012 = 9; *Postgraduate degree;
else if LDCA010 in (1,15,16,17,18,19) and XHEL2012 not in (1,2,3,4,5,6,7,8,9) then XHEL2012 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LDCC025 = 1 then do;
if LDCC006 = 1 and XHEL2012 not in (2,3,4,6,7,8,9) then XHEL2012 = 1; *Certificate I;
else if LDCC006 = 2 and XHEL2012 not in (3,4,6,7,8,9) then XHEL2012 = 2; *Certificate II;
else if LDCC006 = 3 and XHEL2012 not in (4,6,7,8,9) then XHEL2012 = 3; *Certificate III;
else if LDCC006 = 4 and XHEL2012 not in (6,7,8,9) then XHEL2012 = 4; *Certificate IV;
else if LDCC006 = 5 and XHEL2012 not in (1,2,3,4,6,7,8,9) then XHEL2012 = 5; *Certificate - level
unknown;
else if LDCC006 in (6,7,8,9) and XHEL2012 not in (7,8,9) then XHEL2012 = 6; *Advanced
Diploma/Diploma;
else if LDCC006 = 10 and XHEL2012 not in (8,9) then XHEL2012 = 7; *Bachelor degree;
else if LDCC006 in (11,12) and XHEL2012 not in (9) then XHEL2012 = 8; *Graduate diploma/Graduate
certificate;
else if LDCC006 = 13 then XHEL2012 = 9; *Postgraduate degree;
else if LDCC006 = 14 and XHEL2012 not in (1,2,3,4,5,6,7,8,9) then XHEL2012 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LDCD018 = 1 and LDCD002 not in (.) then do;
if LDCD002 = 1 and XHEL2012 not in (2,3,4,6,7,8,9) then XHEL2012 = 1; *Certificate I;
else if LDCD002 = 2 and XHEL2012 not in (3,4,6,7,8,9) then XHEL2012 = 2; *Certificate II;
else if LDCD002 = 3 and XHEL2012 not in (4,6,7,8,9) then XHEL2012 = 3; *Certificate III;
else if LDCD002 = 4 and XHEL2012 not in (6,7,8,9) then XHEL2012 = 4; *Certificate IV;
else if LDCD002 in (5,7) and XHEL2012 not in (1,2,3,4,6,7,8,9) then XHEL2012 = 5; *Certificate - level
unknown;
else if LDCD002 = 6 and XHEL2012 not in (7,8,9) then XHEL2012 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2011) then XCEL2011 = .;

end;

```

## Highest qualification level completed

### *XHEL2013*

#### Variable details

Cohort	Y09
Variable name	XHEL2013
Variable label	Derived: XHEL2013 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Default to previous highest education level */
```

```

if not missing(XHEL2012) then XHEL2013 = XHEL2012;
else if missing(XHEL2012) then XHEL2013 = XHEL2011;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2012) then XCEL2012 = XCEL2011;

/* Still at school or returned to school */
if (LEA001 = 1 or LEA003 = 2) and XHEL2013 not in (1,2,3,4,5,6,7,8,9) then XHEL2013 = 10;

/* Completed last year's study or training */
if (LECA002 = 2 and LECA038 = 1) or (LECA003 = 1 and LECD018 = 1) then do;
if XCEL2012 = 1 and XHEL2013 not in (2,3,4,6,7,8,9) then XHEL2013 = 1; *Certificate I;
else if XCEL2012 = 2 and XHEL2013 not in (3,4,6,7,8,9) then XHEL2013 = 2; *Certificate II;
else if XCEL2012 = 3 and XHEL2013 not in (4,6,7,8,9) then XHEL2013 = 3; *Certificate III;
else if XCEL2012 = 4 and XHEL2013 not in (6,7,8,9) then XHEL2013 = 4; *Certificate IV;
else if XCEL2012 = 5 and XHEL2013 not in (1,2,3,4,6,7,8,9) then XHEL2013 = 5; *Certificate - level
unknown;
else if XCEL2012 = 6 and XHEL2013 not in (7,8,9) then XHEL2013 = 6; *Advanced diploma/Diploma;
else if XCEL2012 = 7 and XHEL2013 not in (8,9) then XHEL2013 = 7; *Bachelor degree;
else if XCEL2012 = 8 and XHEL2013 not in (9) then XHEL2013 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2012 = 9 then XHEL2013 = 9; *Postgraduate degree;
else if XCEL2012 = 10 and XHEL2013 not in (1,2,3,4,5,6,7,8,9) then XHEL2013 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LECA006 = 2 and LECA038 = 1 then do;
if LEWSAM05 = 1 and XHEL2013 not in (1,2,3,4,5,6,7,8,9) then XHEL2013 = 10; *Did not complete;
else if LEWSAM05 = 2 and XHEL2013 not in (2,3,4,6,7,8,9) then XHEL2013 = 1; *Certificate I;
else if LEWSAM05 = 3 and XHEL2013 not in (3,4,6,7,8,9) then XHEL2013 = 2; *Certificate II;
else if LEWSAM05 = 4 and XHEL2013 not in (4,6,7,8,9) then XHEL2013 = 3; *Certificate III;
else if LEWSAM05 = 5 and XHEL2013 not in (6,7,8,9) then XHEL2013 = 4; *Certificate IV;
else if LEWSAM05 = 6 and XHEL2013 not in (1,2,3,4,6,7,8,9) then XHEL2013 = 5; *Certificate - level
unknown;
else if LEWSAM05 in (7,8,9,10) and XHEL2013 not in (7,8,9) then XHEL2013 = 6; *Advanced
Diploma/Diploma;
else if LEWSAM05 = 11 and XHEL2013 not in (8,9) then XHEL2013 = 7; *Bachelor degree;
else if LEWSAM05 in (12,13) and XHEL2013 not in (9) then XHEL2013 = 8; *Graduate diploma/Graduate
certificate;
else if LEWSAM05 = 14 then XHEL2013 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LECA038 = 1 and LECA010 not in (.) then do;
if LECA010 = 2 and XHEL2013 not in (2,3,4,6,7,8,9) then XHEL2013 = 1; *Certificate I;

```

```

else if LECA010 = 3 and XHEL2013 not in (3,4,6,7,8,9) then XHEL2013 = 2; *Certificate II;
else if LECA010 = 4 and XHEL2013 not in (4,6,7,8,9) then XHEL2013 = 3; *Certificate III;
else if LECA010 = 5 and XHEL2013 not in (6,7,8,9) then XHEL2013 = 4; *Certificate IV;
else if LECA010 = 6 and XHEL2013 not in (1,2,3,4,6,7,8,9) then XHEL2013 = 5; *Certificate - Level
unknown;
else if LECA010 in (7,8,9,10) and XHEL2013 not in (7,8,9) then XHEL2013 = 6; *Advanced
diploma/Diploma;
else if LECA010 = 11 and XHEL2013 not in (8,9) then XHEL2013 = 7; *Bachelor degree;
else if LECA010 in (12,13) and XHEL2013 not in (9) then XHEL2013 = 8; *Graduate diploma/Graduate
certificate;
else if LECA010 = 14 then XHEL2013 = 9; *Postgraduate degree;
else if LECA010 in (1,15,16,17,18,19) and XHEL2013 not in (1,2,3,4,5,6,7,8,9) then XHEL2013 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LECC025 = 1 then do;
if LECC006 = 1 and XHEL2013 not in (2,3,4,6,7,8,9) then XHEL2013 = 1; *Certificate I;
else if LECC006 = 2 and XHEL2013 not in (3,4,6,7,8,9) then XHEL2013 = 2; *Certificate II;
else if LECC006 = 3 and XHEL2013 not in (4,6,7,8,9) then XHEL2013 = 3; *Certificate III;
else if LECC006 = 4 and XHEL2013 not in (6,7,8,9) then XHEL2013 = 4; *Certificate IV;
else if LECC006 = 5 and XHEL2013 not in (1,2,3,4,6,7,8,9) then XHEL2013 = 5; *Certificate - level
unknown;
else if LECC006 in (6,7,8,9) and XHEL2013 not in (7,8,9) then XHEL2013 = 6; *Advanced
Diploma/Diploma;
else if LECC006 = 10 and XHEL2013 not in (8,9) then XHEL2013 = 7; *Bachelor degree;
else if LECC006 in (11,12) and XHEL2013 not in (9) then XHEL2013 = 8; *Graduate diploma/Graduate
certificate;
else if LECC006 = 13 then XHEL2013 = 9; *Postgraduate degree;
else if LECC006 = 14 and XHEL2013 not in (1,2,3,4,5,6,7,8,9) then XHEL2013 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LECD018 = 1 and LECD002 not in (.) then do;
if LECD002 = 1 and XHEL2013 not in (2,3,4,6,7,8,9) then XHEL2013 = 1; *Certificate I;
else if LECD002 = 2 and XHEL2013 not in (3,4,6,7,8,9) then XHEL2013 = 2; *Certificate II;
else if LECD002 = 3 and XHEL2013 not in (4,6,7,8,9) then XHEL2013 = 3; *Certificate III;
else if LECD002 = 4 and XHEL2013 not in (6,7,8,9) then XHEL2013 = 4; *Certificate IV;
else if LECD002 in (5,7) and XHEL2013 not in (1,2,3,4,6,7,8,9) then XHEL2013 = 5; *Certificate - level
unknown;
else if LECD002 = 6 and XHEL2013 not in (7,8,9) then XHEL2013 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2012) then XCEL2012 = .;

```

end;

## Highest qualification level completed

### *XHEL2014*

#### Variable details

Cohort	Y09
Variable name	XHEL2014
Variable label	Derived: XHEL2014 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2014 = 1 then do;  
/* Default to previous highest education level */  
if not missing(XHEL2013) then XHEL2014 = XHEL2013;  
else if missing(XHEL2013) then XHEL2014 = XHEL2012;
```

```

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2013) then XCEL2013 = XCEL2012;

/* Still at school or returned to school */
if (LFA001 = 1 or LFA003 = 2) and XHEL2014 not in (1,2,3,4,5,6,7,8,9) then XHEL2014 = 10;

/* Completed last year's study or training */
if (LFCA002 = 2 and LFCA021 = 1) or (LFCA003 = 1 and LFCD018 = 1) then do;
if XCEL2013 = 1 and XHEL2014 not in (2,3,4,6,7,8,9) then XHEL2014 = 1; *Certificate I;
else if XCEL2013 = 2 and XHEL2014 not in (3,4,6,7,8,9) then XHEL2014 = 2; *Certificate II;
else if XCEL2013 = 3 and XHEL2014 not in (4,6,7,8,9) then XHEL2014 = 3; *Certificate III;
else if XCEL2013 = 4 and XHEL2014 not in (6,7,8,9) then XHEL2014 = 4; *Certificate IV;
else if XCEL2013 = 5 and XHEL2014 not in (1,2,3,4,6,7,8,9) then XHEL2014 = 5; *Certificate - level
unknown;
else if XCEL2013 = 6 and XHEL2014 not in (7,8,9) then XHEL2014 = 6; *Advanced diploma/Diploma;
else if XCEL2013 = 7 and XHEL2014 not in (8,9) then XHEL2014 = 7; *Bachelor degree;
else if XCEL2013 = 8 and XHEL2014 not in (9) then XHEL2014 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2013 = 9 then XHEL2014 = 9; *Postgraduate degree;
else if XCEL2013 = 10 and XHEL2014 not in (1,2,3,4,5,6,7,8,9) then XHEL2014 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LFCA006 = 2 and LFCA021 = 1 then do;
if LFWSAM04 = 1 and XHEL2014 not in (1,2,3,4,5,6,7,8,9) then XHEL2014 = 10; *Did not complete;
else if LFWSAM04 = 2 and XHEL2014 not in (2,3,4,6,7,8,9) then XHEL2014 = 1; *Certificate I;
else if LFWSAM04 = 3 and XHEL2014 not in (3,4,6,7,8,9) then XHEL2014 = 2; *Certificate II;
else if LFWSAM04 = 4 and XHEL2014 not in (4,6,7,8,9) then XHEL2014 = 3; *Certificate III;
else if LFWSAM04 = 5 and XHEL2014 not in (6,7,8,9) then XHEL2014 = 4; *Certificate IV;
else if LFWSAM04 = 6 and XHEL2014 not in (1,2,3,4,6,7,8,9) then XHEL2014 = 5; *Certificate - level
unknown;
else if LFWSAM04 in (7,8,9,10) and XHEL2014 not in (7,8,9) then XHEL2014 = 6; *Advanced
Diploma/Diploma;
else if LFWSAM04 = 11 and XHEL2014 not in (8,9) then XHEL2014 = 7; *Bachelor degree;
else if LFWSAM04 in (12,13) and XHEL2014 not in (9) then XHEL2014 = 8; *Graduate diploma/Graduate
certificate;
else if LFWSAM04 = 14 then XHEL2014 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LFCA021 = 1 and LFCA010 not in (.) then do;
if LFCA010 = 2 and XHEL2014 not in (2,3,4,6,7,8,9) then XHEL2014 = 1; *Certificate I;
else if LFCA010 = 3 and XHEL2014 not in (3,4,6,7,8,9) then XHEL2014 = 2; *Certificate II;
else if LFCA010 = 4 and XHEL2014 not in (4,6,7,8,9) then XHEL2014 = 3; *Certificate III;

```



```

else if LFCA010 = 5 and XHEL2014 not in (6,7,8,9) then XHEL2014 = 4; *Certificate IV;
else if LFCA010 = 6 and XHEL2014 not in (1,2,3,4,6,7,8,9) then XHEL2014 = 5; *Certificate - Level
unknown;
else if LFCA010 in (7,8,9,10) and XHEL2014 not in (7,8,9) then XHEL2014 = 6; *Advanced
diploma/Diploma;
else if LFCA010 = 11 and XHEL2014 not in (8,9) then XHEL2014 = 7; *Bachelor degree;
else if LFCA010 in (12,13) and XHEL2014 not in (9) then XHEL2014 = 8; *Graduate diploma/Graduate
certificate;
else if LFCA010 = 14 then XHEL2014 = 9; *Postgraduate degree;
else if LFCA010 in (1,15,16,17,18,19) and XHEL2014 not in (1,2,3,4,5,6,7,8,9) then XHEL2014 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LFCC025 = 1 then do;
if LFCC006 = 1 and XHEL2014 not in (2,3,4,6,7,8,9) then XHEL2014 = 1; *Certificate I;
else if LFCC006 = 2 and XHEL2014 not in (3,4,6,7,8,9) then XHEL2014 = 2; *Certificate II;
else if LFCC006 = 3 and XHEL2014 not in (4,6,7,8,9) then XHEL2014 = 3; *Certificate III;
else if LFCC006 = 4 and XHEL2014 not in (6,7,8,9) then XHEL2014 = 4; *Certificate IV;
else if LFCC006 = 5 and XHEL2014 not in (1,2,3,4,6,7,8,9) then XHEL2014 = 5; *Certificate - level
unknown;
else if LFCC006 in (6,7,8,9) and XHEL2014 not in (7,8,9) then XHEL2014 = 6; *Advanced
Diploma/Diploma;
else if LFCC006 = 10 and XHEL2014 not in (8,9) then XHEL2014 = 7; *Bachelor degree;
else if LFCC006 in (11,12) and XHEL2014 not in (9) then XHEL2014 = 8; *Graduate diploma/Graduate
certificate;
else if LFCC006 = 13 then XHEL2014 = 9; *Postgraduate degree;
else if LFCC006 = 14 and XHEL2014 not in (1,2,3,4,5,6,7,8,9) then XHEL2014 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LFCD018 = 1 and LFCD002 not in (.) then do;
if LFCD002 = 1 and XHEL2014 not in (2,3,4,6,7,8,9) then XHEL2014 = 1; *Certificate I;
else if LFCD002 = 2 and XHEL2014 not in (3,4,6,7,8,9) then XHEL2014 = 2; *Certificate II;
else if LFCD002 = 3 and XHEL2014 not in (4,6,7,8,9) then XHEL2014 = 3; *Certificate III;
else if LFCD002 = 4 and XHEL2014 not in (6,7,8,9) then XHEL2014 = 4; *Certificate IV;
else if LFCD002 in (5,7) and XHEL2014 not in (1,2,3,4,6,7,8,9) then XHEL2014 = 5; *Certificate - level
unknown;
else if LFCD002 = 6 and XHEL2014 not in (7,8,9) then XHEL2014 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2013) then XCEL2013 = .;

end;

```

## Highest qualification level completed

### *XHEL2015*

#### Variable details

Cohort	Y09
Variable name	XHEL2015
Variable label	Derived: XHEL2015 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2014) then XHEL2015 = XHEL2014;
```

```

else if missing(XHEL2014) then XHEL2015 = XHEL2013;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2014) then XCEL2014 = XCEL2013;

/* Completed last year's study or training */
if (LGCA002 = 2 and LGCA021 = 1) or (LGCA003 = 1 and LGCD018 = 1) then do;
if XCEL2014 = 1 and XHEL2015 not in (2,3,4,6,7,8,9) then XHEL2015 = 1; *Certificate I;
else if XCEL2014 = 2 and XHEL2015 not in (3,4,6,7,8,9) then XHEL2015 = 2; *Certificate II;
else if XCEL2014 = 3 and XHEL2015 not in (4,6,7,8,9) then XHEL2015 = 3; *Certificate III;
else if XCEL2014 = 4 and XHEL2015 not in (6,7,8,9) then XHEL2015 = 4; *Certificate IV;
else if XCEL2014 = 5 and XHEL2015 not in (1,2,3,4,6,7,8,9) then XHEL2015 = 5; *Certificate - level
unknown;
else if XCEL2014 = 6 and XHEL2015 not in (7,8,9) then XHEL2015 = 6; *Advanced diploma/Diploma;
else if XCEL2014 = 7 and XHEL2015 not in (8,9) then XHEL2015 = 7; *Bachelor degree;
else if XCEL2014 = 8 and XHEL2015 not in (9) then XHEL2015 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2014 = 9 then XHEL2015 = 9; *Postgraduate degree;
else if XCEL2014 = 10 and XHEL2015 not in (1,2,3,4,5,6,7,8,9) then XHEL2015 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LGCA006 = 2 and LGCA021 = 1 then do;
if LGWSAM03 = 1 and XHEL2015 not in (1,2,3,4,5,6,7,8,9) then XHEL2015 = 10; *Did not complete;
else if LGWSAM03 = 2 and XHEL2015 not in (2,3,4,6,7,8,9) then XHEL2015 = 1; *Certificate I;
else if LGWSAM03 = 3 and XHEL2015 not in (3,4,6,7,8,9) then XHEL2015 = 2; *Certificate II;
else if LGWSAM03 = 4 and XHEL2015 not in (4,6,7,8,9) then XHEL2015 = 3; *Certificate III;
else if LGWSAM03 = 5 and XHEL2015 not in (6,7,8,9) then XHEL2015 = 4; *Certificate IV;
else if LGWSAM03 = 6 and XHEL2015 not in (1,2,3,4,6,7,8,9) then XHEL2015 = 5; *Certificate - level
unknown;
else if LGWSAM03 in (7,8,9,10) and XHEL2015 not in (7,8,9) then XHEL2015 = 6; *Advanced
Diploma/Diploma;
else if LGWSAM03 = 11 and XHEL2015 not in (8,9) then XHEL2015 = 7; *Bachelor degree;
else if LGWSAM03 in (12,13) and XHEL2015 not in (9) then XHEL2015 = 8; *Graduate diploma/Graduate
certificate;
else if LGWSAM03 = 14 then XHEL2015 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LGCA021 = 1 and LGCA010 not in (.) then do;
if LGCA010 = 2 and XHEL2015 not in (2,3,4,6,7,8,9) then XHEL2015 = 1; *Certificate I;
else if LGCA010 = 3 and XHEL2015 not in (3,4,6,7,8,9) then XHEL2015 = 2; *Certificate II;
else if LGCA010 = 4 and XHEL2015 not in (4,6,7,8,9) then XHEL2015 = 3; *Certificate III;
else if LGCA010 = 5 and XHEL2015 not in (6,7,8,9) then XHEL2015 = 4; *Certificate IV;

```

```

else if LGCA010 = 6 and XHEL2015 not in (1,2,3,4,6,7,8,9) then XHEL2015 = 5; *Certificate - Level
unknown;
else if LGCA010 in (7,8,9,10) and XHEL2015 not in (7,8,9) then XHEL2015 = 6; *Advanced
diploma/Diploma;
else if LGCA010 = 11 and XHEL2015 not in (8,9) then XHEL2015 = 7; *Bachelor degree;
else if LGCA010 in (12,13) and XHEL2015 not in (9) then XHEL2015 = 8; *Graduate diploma/Graduate
certificate;
else if LGCA010 = 14 then XHEL2015 = 9; *Postgraduate degree;
else if LGCA010 in (1,15,16,17,18,19) and XHEL2015 not in (1,2,3,4,5,6,7,8,9) then XHEL2015 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LGCC025 = 1 then do;
if LGCC006 = 1 and XHEL2015 not in (2,3,4,6,7,8,9) then XHEL2015 = 1; *Certificate I;
else if LGCC006 = 2 and XHEL2015 not in (3,4,6,7,8,9) then XHEL2015 = 2; *Certificate II;
else if LGCC006 = 3 and XHEL2015 not in (4,6,7,8,9) then XHEL2015 = 3; *Certificate III;
else if LGCC006 = 4 and XHEL2015 not in (6,7,8,9) then XHEL2015 = 4; *Certificate IV;
else if LGCC006 = 5 and XHEL2015 not in (1,2,3,4,6,7,8,9) then XHEL2015 = 5; *Certificate - level
unknown;
else if LGCC006 in (6,7,8,9) and XHEL2015 not in (7,8,9) then XHEL2015 = 6; *Advanced
Diploma/Diploma;
else if LGCC006 = 10 and XHEL2015 not in (8,9) then XHEL2015 = 7; *Bachelor degree;
else if LGCC006 in (11,12) and XHEL2015 not in (9) then XHEL2015 = 8; *Graduate diploma/Graduate
certificate;
else if LGCC006 = 13 then XHEL2015 = 9; *Postgraduate degree;
else if LGCC006 = 14 and XHEL2015 not in (1,2,3,4,5,6,7,8,9) then XHEL2015 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LGCD018 = 1 and LGCD002 not in (.) then do;
if LGCD002 = 1 and XHEL2015 not in (2,3,4,6,7,8,9) then XHEL2015 = 1; *Certificate I;
else if LGCD002 = 2 and XHEL2015 not in (3,4,6,7,8,9) then XHEL2015 = 2; *Certificate II;
else if LGCD002 = 3 and XHEL2015 not in (4,6,7,8,9) then XHEL2015 = 3; *Certificate III;
else if LGCD002 = 4 and XHEL2015 not in (6,7,8,9) then XHEL2015 = 4; *Certificate IV;
else if LGCD002 in (5,7) and XHEL2015 not in (1,2,3,4,6,7,8,9) then XHEL2015 = 5; *Certificate - level
unknown;
else if LGCD002 = 6 and XHEL2015 not in (7,8,9) then XHEL2015 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2014) then XCEL2014 = .;

end;

```

# Highest qualification level completed

## *XHEL2016*

### Variable details

Cohort	Y09
Variable name	XHEL2016
Variable label	Derived: XHEL2016 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	8

### Description

The highest qualification completed at the time of the interview.

### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

### Syntax

```
if in2016 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2015) then XHEL2016 = XHEL2015;
```

```

else if missing(XHEL2015) then XHEL2016 = XHEL2014;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2015) then XCEL2015 = XCEL2014;

/* Completed last year's study or training */
if (LHCA002 = 2 and LHCA021 = 1) or (LHCA003 = 1 and LHCD018 = 1) then do;
if XCEL2015 = 1 and XHEL2016 not in (2,3,4,6,7,8,9) then XHEL2016 = 1; *Certificate I;
else if XCEL2015 = 2 and XHEL2016 not in (3,4,6,7,8,9) then XHEL2016 = 2; *Certificate II;
else if XCEL2015 = 3 and XHEL2016 not in (4,6,7,8,9) then XHEL2016 = 3; *Certificate III;
else if XCEL2015 = 4 and XHEL2016 not in (6,7,8,9) then XHEL2016 = 4; *Certificate IV;
else if XCEL2015 = 5 and XHEL2016 not in (1,2,3,4,6,7,8,9) then XHEL2016 = 5; *Certificate - level
unknown;
else if XCEL2015 = 6 and XHEL2016 not in (7,8,9) then XHEL2016 = 6; *Advanced diploma/Diploma;
else if XCEL2015 = 7 and XHEL2016 not in (8,9) then XHEL2016 = 7; *Bachelor degree;
else if XCEL2015 = 8 and XHEL2016 not in (9) then XHEL2016 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2015 = 9 then XHEL2016 = 9; *Postgraduate degree;
else if XCEL2015 = 10 and XHEL2016 not in (1,2,3,4,5,6,7,8,9) then XHEL2016 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LHCA006 = 2 and LHCA021 = 1 then do;
if LHWSAM03 = 1 and XHEL2016 not in (1,2,3,4,5,6,7,8,9) then XHEL2016 = 10; *Did not complete;
else if LHWSAM03 = 2 and XHEL2016 not in (2,3,4,6,7,8,9) then XHEL2016 = 1; *Certificate I;
else if LHWSAM03 = 3 and XHEL2016 not in (3,4,6,7,8,9) then XHEL2016 = 2; *Certificate II;
else if LHWSAM03 = 4 and XHEL2016 not in (4,6,7,8,9) then XHEL2016 = 3; *Certificate III;
else if LHWSAM03 = 5 and XHEL2016 not in (6,7,8,9) then XHEL2016 = 4; *Certificate IV;
else if LHWSAM03 = 6 and XHEL2016 not in (1,2,3,4,6,7,8,9) then XHEL2016 = 5; *Certificate - level
unknown;
else if LHWSAM03 in (7,8,9,10) and XHEL2016 not in (7,8,9) then XHEL2016 = 6; *Advanced
Diploma/Diploma;
else if LHWSAM03 = 11 and XHEL2016 not in (8,9) then XHEL2016 = 7; *Bachelor degree;
else if LHWSAM03 in (12,13) and XHEL2016 not in (9) then XHEL2016 = 8; *Graduate diploma/Graduate
certificate;
else if LHWSAM03 = 14 then XHEL2016 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LHCA021 = 1 and LHCA010 not in (.) then do;
if LHCA010 = 2 and XHEL2016 not in (2,3,4,6,7,8,9) then XHEL2016 = 1; *Certificate I;
else if LHCA010 = 3 and XHEL2016 not in (3,4,6,7,8,9) then XHEL2016 = 2; *Certificate II;
else if LHCA010 = 4 and XHEL2016 not in (4,6,7,8,9) then XHEL2016 = 3; *Certificate III;
else if LHCA010 = 5 and XHEL2016 not in (6,7,8,9) then XHEL2016 = 4; *Certificate IV;

```

```

else if LHCA010 = 6 and XHEL2016 not in (1,2,3,4,6,7,8,9) then XHEL2016 = 5; *Certificate - Level
unknown;
else if LHCA010 in (7,8,9,10) and XHEL2016 not in (7,8,9) then XHEL2016 = 6; *Advanced
diploma/Diploma;
else if LHCA010 = 11 and XHEL2016 not in (8,9) then XHEL2016 = 7; *Bachelor degree;
else if LHCA010 in (12,13) and XHEL2016 not in (9) then XHEL2016 = 8; *Graduate diploma/Graduate
certificate;
else if LHCA010 = 14 then XHEL2016 = 9; *Postgraduate degree;
else if LHCA010 in (1,15,16,17,18,19) and XHEL2016 not in (1,2,3,4,5,6,7,8,9) then XHEL2016 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LHCC025 = 1 then do;
if LHCC006 = 1 and XHEL2016 not in (2,3,4,6,7,8,9) then XHEL2016 = 1; *Certificate I;
else if LHCC006 = 2 and XHEL2016 not in (3,4,6,7,8,9) then XHEL2016 = 2; *Certificate II;
else if LHCC006 = 3 and XHEL2016 not in (4,6,7,8,9) then XHEL2016 = 3; *Certificate III;
else if LHCC006 = 4 and XHEL2016 not in (6,7,8,9) then XHEL2016 = 4; *Certificate IV;
else if LHCC006 = 5 and XHEL2016 not in (1,2,3,4,6,7,8,9) then XHEL2016 = 5; *Certificate - level
unknown;
else if LHCC006 in (6,7,8,9) and XHEL2016 not in (7,8,9) then XHEL2016 = 6; *Advanced
Diploma/Diploma;
else if LHCC006 = 10 and XHEL2016 not in (8,9) then XHEL2016 = 7; *Bachelor degree;
else if LHCC006 in (11,12) and XHEL2016 not in (9) then XHEL2016 = 8; *Graduate diploma/Graduate
certificate;
else if LHCC006 = 13 then XHEL2016 = 9; *Postgraduate degree;
else if LHCC006 = 14 and XHEL2016 not in (1,2,3,4,5,6,7,8,9) then XHEL2016 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LHCD018 = 1 and LHCD002 not in (.) then do;
if LHCD002 = 1 and XHEL2016 not in (2,3,4,6,7,8,9) then XHEL2016 = 1; *Certificate I;
else if LHCD002 = 2 and XHEL2016 not in (3,4,6,7,8,9) then XHEL2016 = 2; *Certificate II;
else if LHCD002 = 3 and XHEL2016 not in (4,6,7,8,9) then XHEL2016 = 3; *Certificate III;
else if LHCD002 = 4 and XHEL2016 not in (6,7,8,9) then XHEL2016 = 4; *Certificate IV;
else if LHCD002 in (5,7) and XHEL2016 not in (1,2,3,4,6,7,8,9) then XHEL2016 = 5; *Certificate - level
unknown;
else if LHCD002 = 6 and XHEL2016 not in (7,8,9) then XHEL2016 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2015) then XCEL2015 = .;

end;

```

## Highest qualification level completed

### *XHEL2017*

#### Variable details

Cohort	Y09
Variable name	XHEL2017
Variable label	Derived: XHEL2017 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	9

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2017 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2016) then XHEL2017 = XHEL2016;
```



```

else if missing(XHEL2016) then XHEL2017 = XHEL2015;
/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2016) then XCEL2016 = XCEL2015;

/* Completed last year's study or training */
if (LICA002 = 2 and LICA021 = 1) or (LICA003 = 1 and LICD018 = 1) then do;
if XCEL2016 = 1 and XHEL2017 not in (2,3,4,6,7,8,9) then XHEL2017 = 1; *Certificate I;
else if XCEL2016 = 2 and XHEL2017 not in (3,4,6,7,8,9) then XHEL2017 = 2; *Certificate II;
else if XCEL2016 = 3 and XHEL2017 not in (4,6,7,8,9) then XHEL2017 = 3; *Certificate III;
else if XCEL2016 = 4 and XHEL2017 not in (6,7,8,9) then XHEL2017 = 4; *Certificate IV;
else if XCEL2016 = 5 and XHEL2017 not in (1,2,3,4,6,7,8,9) then XHEL2017 = 5; *Certificate - level
unknown;
else if XCEL2016 = 6 and XHEL2017 not in (7,8,9) then XHEL2017 = 6; *Advanced diploma/Diploma;
else if XCEL2016 = 7 and XHEL2017 not in (8,9) then XHEL2017 = 7; *Bachelor degree;
else if XCEL2016 = 8 and XHEL2017 not in (9) then XHEL2017 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2016 = 9 then XHEL2017 = 9; *Postgraduate degree;
else if XCEL2016 = 10 and XHEL2017 not in (1,2,3,4,5,6,7,8,9) then XHEL2017 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LICA006 = 2 and LICA021 = 1 then do;
if LIWSAM03 = 1 and XHEL2017 not in (1,2,3,4,5,6,7,8,9) then XHEL2017 = 10; *Did not complete;
else if LIWSAM03 = 2 and XHEL2017 not in (2,3,4,6,7,8,9) then XHEL2017 = 1; *Certificate I;
else if LIWSAM03 = 3 and XHEL2017 not in (3,4,6,7,8,9) then XHEL2017 = 2; *Certificate II;
else if LIWSAM03 = 4 and XHEL2017 not in (4,6,7,8,9) then XHEL2017 = 3; *Certificate III;
else if LIWSAM03 = 5 and XHEL2017 not in (6,7,8,9) then XHEL2017 = 4; *Certificate IV;
else if LIWSAM03 = 6 and XHEL2017 not in (1,2,3,4,6,7,8,9) then XHEL2017 = 5; *Certificate - level
unknown;
else if LIWSAM03 in (7,8,9,10) and XHEL2017 not in (7,8,9) then XHEL2017 = 6; *Advanced
Diploma/Diploma;
else if LIWSAM03 = 11 and XHEL2017 not in (8,9) then XHEL2017 = 7; *Bachelor degree;
else if LIWSAM03 in (12,13) and XHEL2017 not in (9) then XHEL2017 = 8; *Graduate diploma/Graduate
certificate;
else if LIWSAM03 = 14 then XHEL2017 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LICA021 = 1 and LICA010 not in (.) then do;
if LICA010 = 2 and XHEL2017 not in (2,3,4,6,7,8,9) then XHEL2017 = 1; *Certificate I;
else if LICA010 = 3 and XHEL2017 not in (3,4,6,7,8,9) then XHEL2017 = 2; *Certificate II;
else if LICA010 = 4 and XHEL2017 not in (4,6,7,8,9) then XHEL2017 = 3; *Certificate III;
else if LICA010 = 5 and XHEL2017 not in (6,7,8,9) then XHEL2017 = 4; *Certificate IV;
else if LICA010 = 6 and XHEL2017 not in (1,2,3,4,6,7,8,9) then XHEL2017 = 5; *Certificate - Level
unknown;

```

```

else if LICA010 in (7,8,9,10) and XHEL2017 not in (7,8,9) then XHEL2017 = 6; *Advanced
diploma/Diploma;
else if LICA010 = 11 and XHEL2017 not in (8,9) then XHEL2017 = 7; *Bachelor degree;
else if LICA010 in (12,13) and XHEL2017 not in (9) then XHEL2017 = 8; *Graduate diploma/Graduate
certificate;
else if LICA010 = 14 then XHEL2017 = 9; *Postgraduate degree;
else if LICA010 in (1,15,16,17,18,19) and XHEL2017 not in (1,2,3,4,5,6,7,8,9) then XHEL2017 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LICC025 = 1 then do;
if LICC006 = 1 and XHEL2017 not in (2,3,4,6,7,8,9) then XHEL2017 = 1; *Certificate I;
else if LICC006 = 2 and XHEL2017 not in (3,4,6,7,8,9) then XHEL2017 = 2; *Certificate II;
else if LICC006 = 3 and XHEL2017 not in (4,6,7,8,9) then XHEL2017 = 3; *Certificate III;
else if LICC006 = 4 and XHEL2017 not in (6,7,8,9) then XHEL2017 = 4; *Certificate IV;
else if LICC006 = 5 and XHEL2017 not in (1,2,3,4,6,7,8,9) then XHEL2017 = 5; *Certificate - level
unknown;
else if LICC006 in (6,7,8,9) and XHEL2017 not in (7,8,9) then XHEL2017 = 6; *Advanced
Diploma/Diploma;
else if LICC006 = 10 and XHEL2017 not in (8,9) then XHEL2017 = 7; *Bachelor degree;
else if LICC006 in (11,12) and XHEL2017 not in (9) then XHEL2017 = 8; *Graduate diploma/Graduate
certificate;
else if LICC006 = 13 then XHEL2017 = 9; *Postgraduate degree;
else if LICC006 = 14 and XHEL2017 not in (1,2,3,4,5,6,7,8,9) then XHEL2017 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LICD018 = 1 and LICD002 not in (.) then do;
if LICD002 = 1 and XHEL2017 not in (2,3,4,6,7,8,9) then XHEL2017 = 1; *Certificate I;
else if LICD002 = 2 and XHEL2017 not in (3,4,6,7,8,9) then XHEL2017 = 2; *Certificate II;
else if LICD002 = 3 and XHEL2017 not in (4,6,7,8,9) then XHEL2017 = 3; *Certificate III;
else if LICD002 = 4 and XHEL2017 not in (6,7,8,9) then XHEL2017 = 4; *Certificate IV;
else if LICD002 in (5,7) and XHEL2017 not in (1,2,3,4,6,7,8,9) then XHEL2017 = 5; *Certificate - level
unknown;
else if LICD002 = 6 and XHEL2017 not in (7,8,9) then XHEL2017 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2016) then XCEL2016 = .;

end;

```

# Highest qualification level completed

## *XHEL2018*

### Variable details

Cohort	Y09
Variable name	XHEL2018
Variable label	Derived: XHEL2018 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	10

### Description

The highest qualification completed at the time of the interview.

### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

### Syntax

```
if in2018 = 1 then do;  
  
/* Default to previous highest education level */  
if not missing(XHEL2017) then XHEL2018 = XHEL2017;
```

```

else if missing(XHEL2017) then XHEL2018 = XHEL2016;

/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2017) then XCEL2017 = XCEL2016;

/* Completed last year's study or training */
if (LJCA002 = 2 and LJCA021 = 1) or (LJCA003 = 1 and LJCD018 = 1) then do;
if XCEL2017 = 1 and XHEL2018 not in (2,3,4,6,7,8,9) then XHEL2018 = 1; *Certificate I;
else if XCEL2017 = 2 and XHEL2018 not in (3,4,6,7,8,9) then XHEL2018 = 2; *Certificate II;
else if XCEL2017 = 3 and XHEL2018 not in (4,6,7,8,9) then XHEL2018 = 3; *Certificate III;
else if XCEL2017 = 4 and XHEL2018 not in (6,7,8,9) then XHEL2018 = 4; *Certificate IV;
else if XCEL2017 = 5 and XHEL2018 not in (1,2,3,4,6,7,8,9) then XHEL2018 = 5; *Certificate - level
unknown;
else if XCEL2017 = 6 and XHEL2018 not in (7,8,9) then XHEL2018 = 6; *Advanced diploma/Diploma;
else if XCEL2017 = 7 and XHEL2018 not in (8,9) then XHEL2018 = 7; *Bachelor degree;
else if XCEL2017 = 8 and XHEL2018 not in (9) then XHEL2018 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2017 = 9 then XHEL2018 = 9; *Postgraduate degree;
else if XCEL2017 = 10 and XHEL2018 not in (1,2,3,4,5,6,7,8,9) then XHEL2018 = 10; *Not enrolled;
end;

/* Completed deferred study */
if LJCA006 = 2 and LJCA021 = 1 then do;
if LJWSAM03 = 1 and XHEL2018 not in (1,2,3,4,5,6,7,8,9) then XHEL2018 = 10; *Did not complete;
else if LJWSAM03 = 2 and XHEL2018 not in (2,3,4,6,7,8,9) then XHEL2018 = 1; *Certificate I;
else if LJWSAM03 = 3 and XHEL2018 not in (3,4,6,7,8,9) then XHEL2018 = 2; *Certificate II;
else if LJWSAM03 = 4 and XHEL2018 not in (4,6,7,8,9) then XHEL2018 = 3; *Certificate III;
else if LJWSAM03 = 5 and XHEL2018 not in (6,7,8,9) then XHEL2018 = 4; *Certificate IV;
else if LJWSAM03 = 6 and XHEL2018 not in (1,2,3,4,6,7,8,9) then XHEL2018 = 5; *Certificate - level
unknown;
else if LJWSAM03 in (7,8,9,10) and XHEL2018 not in (7,8,9) then XHEL2018 = 6; *Advanced
Diploma/Diploma;
else if LJWSAM03 = 11 and XHEL2018 not in (8,9) then XHEL2018 = 7; *Bachelor degree;
else if LJWSAM03 in (12,13) and XHEL2018 not in (9) then XHEL2018 = 8; *Graduate diploma/Graduate
certificate;
else if LJWSAM03 = 14 then XHEL2018 = 9; *Postgraduate degree;
end;

/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LJCA021 = 1 and LJCA010 not in (.) then do;
if LJCA010 = 2 and XHEL2018 not in (2,3,4,6,7,8,9) then XHEL2018 = 1; *Certificate I;
else if LJCA010 = 3 and XHEL2018 not in (3,4,6,7,8,9) then XHEL2018 = 2; *Certificate II;
else if LJCA010 = 4 and XHEL2018 not in (4,6,7,8,9) then XHEL2018 = 3; *Certificate III;
else if LJCA010 = 5 and XHEL2018 not in (6,7,8,9) then XHEL2018 = 4; *Certificate IV;

```

```

else if LJCA010 = 6 and XHEL2018 not in (1,2,3,4,6,7,8,9) then XHEL2018 = 5; *Certificate - Level
unknown;
else if LJCA010 in (7,8,9,10) and XHEL2018 not in (7,8,9) then XHEL2018 = 6; *Advanced
diploma/Diploma;
else if LJCA010 = 11 and XHEL2018 not in (8,9) then XHEL2018 = 7; *Bachelor degree;
else if LJCA010 in (12,13) and XHEL2018 not in (9) then XHEL2018 = 8; *Graduate diploma/Graduate
certificate;
else if LJCA010 = 14 then XHEL2018 = 9; *Postgraduate degree;
else if LJCA010 in (1,15,16,17,18,19) and XHEL2018 not in (1,2,3,4,5,6,7,8,9) then XHEL2018 = 10; *Not
enrolled;
end;

/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LJCC025 = 1 then do;
if LJCC006 = 1 and XHEL2018 not in (2,3,4,6,7,8,9) then XHEL2018 = 1; *Certificate I;
else if LJCC006 = 2 and XHEL2018 not in (3,4,6,7,8,9) then XHEL2018 = 2; *Certificate II;
else if LJCC006 = 3 and XHEL2018 not in (4,6,7,8,9) then XHEL2018 = 3; *Certificate III;
else if LJCC006 = 4 and XHEL2018 not in (6,7,8,9) then XHEL2018 = 4; *Certificate IV;
else if LJCC006 = 5 and XHEL2018 not in (1,2,3,4,6,7,8,9) then XHEL2018 = 5; *Certificate - level
unknown;
else if LJCC006 in (6,7,8,9) and XHEL2018 not in (7,8,9) then XHEL2018 = 6; *Advanced
Diploma/Diploma;
else if LJCC006 = 10 and XHEL2018 not in (8,9) then XHEL2018 = 7; *Bachelor degree;
else if LJCC006 in (11,12) and XHEL2018 not in (9) then XHEL2018 = 8; *Graduate diploma/Graduate
certificate;
else if LJCC006 = 13 then XHEL2018 = 9; *Postgraduate degree;
else if LJCC006 = 14 and XHEL2018 not in (1,2,3,4,5,6,7,8,9) then XHEL2018 = 10; *Not enrolled;
end;

/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LJCD018 = 1 and LJCD002 not in (.) then do;
if LJCD002 = 1 and XHEL2018 not in (2,3,4,6,7,8,9) then XHEL2018 = 1; *Certificate I;
else if LJCD002 = 2 and XHEL2018 not in (3,4,6,7,8,9) then XHEL2018 = 2; *Certificate II;
else if LJCD002 = 3 and XHEL2018 not in (4,6,7,8,9) then XHEL2018 = 3; *Certificate III;
else if LJCD002 = 4 and XHEL2018 not in (6,7,8,9) then XHEL2018 = 4; *Certificate IV;
else if LJCD002 in (5,7) and XHEL2018 not in (1,2,3,4,6,7,8,9) then XHEL2018 = 5; *Certificate - level
unknown;
else if LJCD002 = 6 and XHEL2018 not in (7,8,9) then XHEL2018 = 6; *Advanced Diploma/Diploma;
end;

/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2017) then XCEL2017 = .;

end;

```

## Highest qualification level completed

### *XHEL2019*

#### Variable details

Cohort	Y09
Variable name	XHEL2019
Variable label	Derived: XHEL2019 Highest qualification level completed
Topic area	Education
Data type	Numeric
Survey wave	11

#### Description

The highest qualification completed at the time of the interview.

#### Formats

1 = 1 Certificate I
2 = 2 Certificate II
3 = 3 Certificate III
4 = 4 Certificate IV
5 = 5 Certificate - level unknown
6 = 6 Advanced diploma/diploma (incl. associate degree)
7 = 7 Bachelor degree
8 = 8 Graduate diploma/graduate certificate
9 = 9 Postgraduate degree (PhD/Masters)
10 = 10 Did not complete a qualification

#### Notes

The categories cover certificates through to postgraduate degrees.

The category 'Did not complete qualification' includes respondents who have not completed any post-school qualifications. This category includes Year 12 completed at a TAFE or education provider other than a school, short courses or recreational courses, single modules or single subjects.

Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.

#### Syntax

```
if in2019 = 1 then do;  
/* Default to previous highest education level */  
if not missing(XHEL2018) then XHEL2019 = XHEL2018;
```

```

else if missing(XHEL2018) then XHEL2019 = XHEL2017;
/* Use current education level from two years prior if not in previous wave */
if missing(XCEL2018) then XCEL2018 = XCEL2017;
/* Any other formal qualifications completed since leaving secondary school */
if (LKC105A = 1) and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1 ; *Certificate I;
if (LKC105B = 1) and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2 ; *Certificate II;
if (LKC105C = 1) and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3 ; *Certificate III;
if (LKC105D = 1) and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4 ; *Certificate IV;
if (LKC105E = 1) and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5 ; *Certificate - level unknown
;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 =1 then XHEL2019 = 1 ; *Certificate I;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 =2 then XHEL2019 = 2 ; *Certificate II;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 =3 then XHEL2019 = 3 ; *Certificate III;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 =4 then XHEL2019 = 4 ; *Certificate IV;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 in (5,10) then XHEL2019 = 5 ; *Certificate - level
unknown;
if (LKC105F = 1 or LKC105G = 1) and XHEL2019 = 6 then XHEL2019 = 6 ; *Diploma/Advanced diploma;
if (LKC105H = 1 or LKC105I = 1 or LKC105J = 1 or LKC105K = 1) and XHEL2019 not in (7,8,9) then
XHEL2019 = 6 ; *Advanced Diploma/Diploma;
if (LKC105L = 1 or LKC105M = 1) and XHEL2019 not in (8,9) then XHEL2019 = 7 ; *Bachelor degree;
if (LKC105N = 1 or LKC105O = 1) and XHEL2019 not in (9) then XHEL2019 = 8 ; *Graduate
diploma/Graduate certificate;
if LKC105P = 1 or LKC105Q = 1 then XHEL2019 = 9; *Postgraduate;

/* Completed last year's study or training */
if (LKCA002 = 2 and LKCA021 = 1) or (LKCA003 = 1 and LKCD018 = 1) then do;
if XCEL2018 = 1 and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1; *Certificate I;
else if XCEL2018 = 2 and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2; *Certificate II;
else if XCEL2018 = 3 and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3; *Certificate III;
else if XCEL2018 = 4 and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4; *Certificate IV;
else if XCEL2018 = 5 and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5; *Certificate - level
unknown;
else if XCEL2018 = 6 and XHEL2019 not in (7,8,9) then XHEL2019 = 6; *Advanced diploma/Diploma;
else if XCEL2018 = 7 and XHEL2019 not in (8,9) then XHEL2019 = 7; *Bachelor degree;
else if XCEL2018 = 8 and XHEL2019 not in (9) then XHEL2019 = 8; *Graduate diploma/Graduate
certificate;
else if XCEL2018 = 9 then XHEL2019 = 9; *Postgraduate degree;
else if XCEL2018 = 10 and XHEL2019 not in (1,2,3,4,5,6,7,8,9) then XHEL2019 = 10; *Not enrolled;
end;
/* Completed deferred study */
if LKCA006 = 2 and LKCA021 = 1 then do;
if LKWSAM03 = 1 and XHEL2019 not in (1,2,3,4,5,6,7,8,9) then XHEL2019 = 10; *Did not complete;
else if LKWSAM03 = 2 and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1; *Certificate I;
else if LKWSAM03 = 3 and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2; *Certificate II;
else if LKWSAM03 = 4 and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3; *Certificate III;

```

```

else if LKWSAM03 = 5 and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4; *Certificate IV;
else if LKWSAM03 = 6 and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5; *Certificate - level
unknown;
else if LKWSAM03 in (7,8,9,10) and XHEL2019 not in (7,8,9) then XHEL2019 = 6; *Advanced
Diploma/Diploma;
else if LKWSAM03 = 11 and XHEL2019 not in (8,9) then XHEL2019 = 7; *Bachelor degree;
else if LKWSAM03 in (12,13) and XHEL2019 not in (9) then XHEL2019 = 8; *Graduate diploma/Graduate
certificate;
else if LKWSAM03 = 14 then XHEL2019 = 9; *Postgraduate degree;
end;
/* Completed qualification in CA10/CA14 (commenced since last interview) */
if LKCA021 = 1 and LKCA010 not in (.) then do;
if LKCA010 = 2 and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1; *Certificate I;
else if LKCA010 = 3 and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2; *Certificate II;
else if LKCA010 = 4 and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3; *Certificate III;
else if LKCA010 = 5 and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4; *Certificate IV;
else if LKCA010 = 6 and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5; *Certificate - Level
unknown;
else if LKCA010 in (7,8,9,10) and XHEL2019 not in (7,8,9) then XHEL2019 = 6; *Advanced
diploma/Diploma;
else if LKCA010 = 11 and XHEL2019 not in (8,9) then XHEL2019 = 7; *Bachelor degree;
else if LKCA010 in (12,13) and XHEL2019 not in (9) then XHEL2019 = 8; *Graduate diploma/Graduate
certificate;
else if LKCA010 = 14 then XHEL2019 = 9; *Postgraduate degree;
else if LKCA010 in (1,15,16,17,18,19) and XHEL2019 not in (1,2,3,4,5,6,7,8,9) then XHEL2017 = 10; *Not
enrolled;
end;
/* Completed qualification in CC6/CC7 (changed courses since last interview) */
if LKCC025 = 1 then do;
if LKCC006 = 1 and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1; *Certificate I;
else if LKCC006 = 2 and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2; *Certificate II;
else if LKCC006 = 3 and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3; *Certificate III;
else if LKCC006 = 4 and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4; *Certificate IV;
else if LKCC006 = 5 and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5; *Certificate - level
unknown;
else if LKCC006 in (6,7,8,9) and XHEL2019 not in (7,8,9) then XHEL2019 = 6; *Advanced
Diploma/Diploma;
else if LKCC006 = 10 and XHEL2019 not in (8,9) then XHEL2019 = 7; *Bachelor degree;
else if LKCC006 in (11,12) and XHEL2019 not in (9) then XHEL2019 = 8; *Graduate diploma/Graduate
certificate;
else if LKCC006 = 13 then XHEL2019 = 9; *Postgraduate degree;
else if LKCC006 = 14 and XHEL2019 not in (1,2,3,4,5,6,7,8,9) then XHEL2019 = 10; *Not enrolled;
end;
/* Completed apprenticeship/traineeship in CD2 (commenced since last interview) */
if LKCD018 = 1 and LKCD002 not in (.) then do;
if LKCD002 = 1 and XHEL2019 not in (2,3,4,6,7,8,9) then XHEL2019 = 1; *Certificate I;

```



```
else if LKCD002 = 2 and XHEL2019 not in (3,4,6,7,8,9) then XHEL2019 = 2; *Certificate II;
else if LKCD002 = 3 and XHEL2019 not in (4,6,7,8,9) then XHEL2019 = 3; *Certificate III;
else if LKCD002 = 4 and XHEL2019 not in (6,7,8,9) then XHEL2019 = 4; *Certificate IV;
else if LKCD002 in (5,7) and XHEL2019 not in (1,2,3,4,6,7,8,9) then XHEL2019 = 5; *Certificate - level
unknown;
else if LKCD002 = 6 and XHEL2019 not in (7,8,9) then XHEL2019 = 6; *Advanced Diploma/Diploma;
end;
/* Reset current education level from previous wave for those not in the previous wave */
if missing(in2018) then XCEL2018 = .;
end;
```

## Full-time or part-time study status

### *XFTS2009*

#### Variable details

Cohort	Y09
Variable name	XFTS2009
Variable label	Derived: XFTS2009 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
/* At school - assume studying full-time */  
XFTS2009 = 1;
```

## Full-time or part-time study status

### *XFTS2010*

#### Variable details

Cohort	Y09
Variable name	XFTS2010
Variable label	Derived: XFTS2010 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Still at school - assume studying full-time */  
if LBA001 = 1 then XFTS2010 = 1;
```

```
else if XCEL2010 not in (10) then do; *Has a current education level;
/* Studying full-time */
if (LBCB001 = 1 or LBCC017 = 1 or LBCD008 = 1 or LBC083 = 1 or LBC084 = 1) then XFTS2010 = 1;
/* Studying part-time */
else if (LBCB001 = 2 or LBCC017 = 2 or LBCD008 = 2 or LBC083 = 2 or LBC084 = 2) then XFTS2010 = 2;
/* Equally full-time and part-time */
else if (LBCB001 = 3 or LBCC017 = 3 or LBC084 = 3) then XFTS2010 = 3; *Studying, but status unknown;
end;

/* Not studying */
else if XCSL2010 = 6 and XCEL2010 = 10 then XFTS2010 = 4;
end;
```

## Full-time or part-time study status

### *XFTS2011*

#### Variable details

Cohort	Y09
Variable name	XFTS2011
Variable label	Derived: XFTS2011 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Still at school or returned to school - assume studying full-time */  
if LCA001 = 1 or LCA003 = 2 then XFTS2011 = 1;
```

```
else if XCEL2011 not in (10) then do; *Has a current education level;
/* Studying full-time */
if (LCCA050 = 1 or LCCB001 = 1 or LCCC017 = 1 or LCCD008 = 1 or LCC082 = 1 or LCC083 = 1) then
XFTS2011 = 1;
/* Studying part-time */
else if (LCCA050 = 2 or LCCB001 = 2 or LCCC017 = 2 or LCCD008 = 2 or LCC082 = 2 or LCC083 = 2) then
XFTS2011 = 2;
/* Equally full-time and part-time */
else if (LCCA050 = 3 or LCCB001 = 3 or LCCC017 = 3 or LCC083 = 3) then XFTS2011 = 3; *Studying, but
status unknown;
end;

/* Not studying */
else if XCSL2011 = 6 and XCEL2011 = 10 then XFTS2011 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2012*

#### Variable details

Cohort	Y09
Variable name	XFTS2012
Variable label	Derived: XFTS2012 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2012 = 1 then do;  
  
/* Still at school or returned to school - assume studying full-time */  
if LDA001 = 1 or LDA003 = 2 then XFTS2012 = 1;
```

```
else if XCEL2012 not in (10) then do; *Has a current education level;
/* Studying full-time */
if (LDCA050 = 1 or LDCB001 = 1 or LDCC017 = 1 or LDCD008 = 1 or LDC083 = 1 or LDC082 = 1) then
XFTS2012 = 1;
/* Studying part-time */
else if (LDCA050 = 2 or LDCB001 = 2 or LDCC017 = 2 or LDCD008 = 2 or LDC083 = 2 or LDC082 = 2) then
XFTS2012 = 2;
/* Equally full-time and part-time */
else if (LDCA050 = 3 or LDCB001 = 3 or LDCC017 = 3 or LDC083 = 3) then XFTS2012 = 3; *Studying, but
status unknown;
end;

/* Not studying */
else if XCSL2012 = 6 and XCEL2012 = 10 then XFTS2012 = 4;

end;
```



## Full-time or part-time study status

### *XFTS2013*

#### Variable details

Cohort	Y09
Variable name	XFTS2013
Variable label	Derived: XFTS2013 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Still at school or returned to school - assume studying full-time */  
if LEA001 = 1 or LEA003 = 2 then XFTS2013 = 1;
```

```
else if XCEL2013 not in (10) then do; *Has a current education level;
/* Studying full-time */
if (LECA050 = 1 or LECB001 = 1 or LECC017 = 1 or LECD008 = 1 or LEC083 = 1 or LEC082 = 1) then
XFTS2013 = 1;
/* Studying part-time */
else if (LECA050 = 2 or LECB001 = 2 or LECC017 = 2 or LECD008 = 2 or LEC083 = 2 or LEC082 = 2) then
XFTS2013 = 2;
/* Equally full-time and part-time */
else if (LECA050 = 3 or LECB001 = 3 or LECC017 = 3 or LEC083 = 3) then XFTS2013 = 3; *Studying, but
status unknown;
end;

/* Not studying */
else if XCSL2013 = 6 and XCEL2013 = 10 then XFTS2013 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2014*

#### Variable details

Cohort	Y09
Variable name	XFTS2014
Variable label	Derived: XFTS2014 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2014 = 1 then do;  
  
/* Still at school or returned to school - assume studying full-time */  
if LFA001 = 1 or LFA003 = 2 then XFTS2014 = 1;
```

```
else if XCEL2014 not in (10) then do; *Has a current education level;

/* Studying full-time */
if (LFCA033 = 1 or LFCB001 = 1 or LFCC017 = 1 or LFCD008 = 1 or LFC083 = 1 or LFC082 = 1) then
XFTS2014 = 1;
/* Studying part-time */
else if (LFCA033 = 2 or LFCB001 = 2 or LFCC017 = 2 or LFCD008 = 2 or LFC083 = 2 or LFC082 = 2) then
XFTS2014 = 2;
/* Equally full-time and part-time */
else if (LFCA033 = 3 or LFCB001 = 3 or LFCC017 = 3 or LFC083 = 3) then XFTS2014 = 3; *Studying, but
status unknown;
end;
/* Not studying */
else if XCSL2014 = 6 and XCEL2014 = 10 then XFTS2014 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2015*

#### Variable details

Cohort	Y09
Variable name	XFTS2015
Variable label	Derived: XFTS2015 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Still at school or returned to school - assume studying full-time */  
if LGA001 = 1 or LGA003 = 2 then XFTS2015 = 1;
```

```
else if XCEL2015 not in (10) then do; *Has a current education level;

/* Studying full-time */
if (LGCA033 = 1 or LGCB001 = 1 or LGCC017 = 1 or LGCD008 = 1 or LGC083 = 1 or LGC082 = 1) then
XFTS2015 = 1;
/* Studying part-time */
else if (LGCA033 = 2 or LGCB001 = 2 or LGCC017 = 2 or LGCD008 = 2 or LGC083 = 2 or LGC082 = 2) then
XFTS2015 = 2;
/* Equally full-time and part-time */
else if (LGCA033 = 3 or LGCB001 = 3 or LGCC017 = 3 or LGC083 = 3) then XFTS2015 = 3; *Studying, but
status unknown;
end;
/* Not studying */
else if XCSL2015 = 6 and XCEL2015 = 10 then XFTS2015 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2016*

#### Variable details

Cohort	Y09
Variable name	XFTS2016
Variable label	Derived: XFTS2016 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	8

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2016 = 1 then do;  
  
if XCEL2016 not in (10) then do; *Has a current education level;
```

```
/* Studying full-time */  
if (LHCA033 = 1 or LHCB001 = 1 or LHCC017 = 1 or LHCD008 = 1 or LHC083 = 1 or LHC082 = 1) then  
XFTS2016 = 1;  
/* Studying part-time */  
else if (LHCA033 = 2 or LHCB001 = 2 or LHCC017 = 2 or LHCD008 = 2 or LHC083 = 2 or LHC082 = 2) then  
XFTS2016 = 2;  
/* Equally full-time and part-time */  
else if (LHCA033 = 3 or LHCB001 = 3 or LHCC017 = 3 or LHC083 = 3) then XFTS2016 = 3; *Studying, but  
status unknown;  
end;  
  
/* Not studying */  
else if XCSL2016 = 6 and XCEL2016 = 10 then XFTS2016 = 4;  
  
end;
```



## Full-time or part-time study status

### *XFTS2017*

#### Variable details

Cohort	Y09
Variable name	XFTS2017
Variable label	Derived: XFTS2017 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	9

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2017 = 1 then do;  
  
if XCEL2017 not in (10) then do; *Has a current education level;
```

```
/* Studying full-time */
if (LICA033 = 1 or LICB001 = 1 or LICC017 = 1 or LICD008 = 1 or LIC083 = 1 or LIC082 = 1) then XFTS2017
= 1;
/* Studying part-time */
else if (LICA033 = 2 or LICB001 = 2 or LICC017 = 2 or LICD008 = 2 or LIC083 = 2 or LIC082 = 2) then
XFTS2017 = 2;
/* Equally full-time and part-time */
else if (LICA033 = 3 or LICB001 = 3 or LICC017 = 3 or LIC083 = 3) then XFTS2017 = 3; *Studying, but
status unknown;
end;
/* Not studying */
else if XCSL2017 = 6 and XCEL2017 = 10 then XFTS2017 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2018*

#### Variable details

Cohort	Y09
Variable name	XFTS2018
Variable label	Derived: XFTS2018 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2018 = 1 then do;  
if XCEL2018 not in (10) then do; *Has a current education level;  
/* Studying full-time */
```

```
if (LJCA033 = 1 or LJC001 = 1 or LJCC017 = 1 or LJCD008 = 1 or LJC083 = 1 or LJC082 = 1) then
XFTS2018 = 1;
/* Studying part-time */
else if (LJCA033 = 2 or LJC001 = 2 or LJCC017 = 2 or LJCD008 = 2 or LJC083 = 2 or LJC082 = 2) then
XFTS2018 = 2;
/* Equally full-time and part-time */
else if (LJCA033 = 3 or LJC001 = 3 or LJCC017 = 3 or LJC083 = 3) then XFTS2018 = 3; *Studying, but
status unknown;
end;
/* Not studying */
else if XCSL2018 = 6 and XCEL2018 = 10 then XFTS2018 = 4;

end;
```

## Full-time or part-time study status

### *XFTS2019*

#### Variable details

Cohort	Y09
Variable name	XFTS2019
Variable label	Derived: XFTS2019 Full-time or part-time study status
Topic area	Education
Data type	Numeric
Survey wave	11

#### Description

The study mode at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Unknown  
4 = 4 Not studying

#### Notes

This indicator is derived using responses to questions about whether respondents' study is full-time or part-time. Respondents who are at school are assumed to be studying full-time.

Categories include whether respondents are: studying full-time, studying part-time, not studying, or unknown.

The full-time and part-time study categories include respondents who are at school and those who are studying for a qualification.

The category 'Not studying' includes respondents who are: undertaking Year 12 at a TAFE or education provider other than a school, undertaking a short course or recreational course, undertaking a single module/subject only, undertaking some study other than the qualifications listed, or are not undertaking any study. Respondents who do not know whether they are undertaking a qualification are also classified as not studying.

The category 'Unknown' includes those who are studying for a qualification but their study mode is unknown, and those who stated that their study mode is equally full-time and part-time.

#### Syntax

```
if in2019 = 1 then do;  
if XCEL2019 not in (10) then do; *Has a current education level;  
/* Studying full-time */
```

```
if (LKCA033 = 1 or LKCB001 = 1 or LKCC017 = 1 or LKCD008 = 1 or LKC083 = 1 or LKC082 = 1) then
XFTS2019 = 1;
/* Studying part-time */
else if (LKCA033 = 2 or LKCB001 = 2 or LKCC017 = 2 or LKCD008 = 2 or LKC083 = 2 or LKC082 = 2) then
XFTS2019 = 2;
/* Equally full-time and part-time */
else if (LKCA033 = 3 or LKCB001 = 3 or LKCC017 = 3 or LKC083 = 3) then XFTS2019 = 3; *Studying, but
status unknown;
end;
/* Not studying */
else if XCSL2019 = 6 and XCEL2019 = 10 then XFTS2019 = 4;
end;
```

## Study status in bachelor degree or higher

### *XBAC2009*

#### Variable details

Cohort	Y09
Variable name	XBAC2009
Variable label	Derived: XBAC2009 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
/* At school - assume no respondent has commenced a bachelor degree */  
XBAC2009 = 5;
```

## Study status in bachelor degree or higher

### *XBAC2010*

#### Variable details

Cohort	Y09
Variable name	XBAC2010
Variable label	Derived: XBAC2010 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2010 in (7,8,9) and XHEL2010 not in (7,8,9) then XBAC2010 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2010 in (7,8,9) and XCEL2010 not in (7,8,9) then XBAC2010 = 2;  
  
/* Completed and undertaking a bachelor degree or higher */  
else if XHEL2010 in (7,8,9) and XCEL2010 in (7,8,9) then XBAC2010 = 3;
```



```
/* Commenced but did not complete or never commenced */  
else if XCEL2010 not in (7,8,9) and XHEL2010 not in (7,8,9) then do;  
/* Last yr's status was commenced but did not complete */  
if XBAC2009 = 4 then XBAC2010 = 4;  
/* Started study since last interview */  
else if LBCA004 in (11,12,13,14) and LBCA030 in (2,3,4) then XBAC2010 = 4;  
/* Those who changed courses */  
else if LBCC006 in (10,11,12) and LBCC025 in (2,3,4) then XBAC2010 = 4;  
/* Else never commenced */  
else XBAC2010 = 5;  
end;  
  
end;
```

## Study status in bachelor degree or higher

### *XBAC2011*

#### Variable details

Cohort	Y09
Variable name	XBAC2011
Variable label	Derived: XBAC2011 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2010) then XBAC2010 = XBAC2009;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2011 in (7,8,9) and XHEL2011 not in (7,8,9) then XBAC2011 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2011 in (7,8,9) and XCEL2011 not in (7,8,9) then XBAC2011 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2011 in (7,8,9) and XCEL2011 in (7,8,9) then XBAC2011 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2011 not in (7,8,9) and XHEL2011 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2010 = 4 then XBAC2011 = 4;
/* Started study since last interview */
else if LCCA010 in (11,12,13,14) and LCCA038 in (2,3,4) then XBAC2011 = 4;
/* Those who changed courses */
else if LCCC006 in (10,11,12,13) and LCCC025 in (2,3,4) then XBAC2011 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2010 = 1 and LCCA002 = 2 and LCCA038 in (2,3,4) then XBAC2011 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LCWSAM07 in (11,12,13,14) and LCCA006 = 2 and LCCA038 in (2,3,4) then XBAC2011 = 4;
/* Else never commenced */
else XBAC2011 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2010) then XBAC2010 = .;

```

## Study status in bachelor degree or higher

### *XBAC2012*

#### Variable details

Cohort	Y09
Variable name	XBAC2012
Variable label	Derived: XBAC2012 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2012 = 1 then do;

/* Bring forward status in bachelor degree from previous year if missed last interview */
if missing(XBAC2011) then XBAC2011 = XBAC2010;

/* Currently undertaking and have not completed a bachelor degree or higher */
if XCEL2012 in (7,8,9) and XHEL2012 not in (7,8,9) then XBAC2012 = 1;

/* Completed and not undertaking a bachelor degree or higher */
else if XHEL2012 in (7,8,9) and XCEL2012 not in (7,8,9) then XBAC2012 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2012 in (7,8,9) and XCEL2012 in (7,8,9) then XBAC2012 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2012 not in (7,8,9) and XHEL2012 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2011 = 4 or XBAC2010 = 4 then XBAC2012 = 4;
/* Started study since last interview */
else if LDCA010 in (11,12,13,14) and LDCA038 in (2,3,4) then XBAC2012 = 4;
/* Those who changed courses */
else if LDCC006 in (10,11,12,13) and LDCC025 in (2,3,4) then XBAC2012 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2011 = 1 and LDCA002 = 2 and LDCA038 in (2,3,4) then XBAC2012 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LDWSAM07 in (11,12,13,14) and LDCA006 = 2 and LDCA038 in (2,3,4) then XBAC2012 = 4;
/* Else never commenced */
else XBAC2012 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2011) then XBAC2011 = .;

```

## Study status in bachelor degree or higher

### *XBAC2013*

#### Variable details

Cohort	Y09
Variable name	XBAC2013
Variable label	Derived: XBAC2013 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2012) then XBAC2012 = XBAC2011;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2013 in (7,8,9) and XHEL2013 not in (7,8,9) then XBAC2013 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2013 in (7,8,9) and XCEL2013 not in (7,8,9) then XBAC2013 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2013 in (7,8,9) and XCEL2013 in (7,8,9) then XBAC2013 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2013 not in (7,8,9) and XHEL2013 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2012 = 4 or XBAC2011 = 4 or XBAC2010 = 4 then XBAC2013 = 4;
/* Started study since last interview */
else if LECA010 in (11,12,13,14) and LECA038 in (2,3,4) then XBAC2013 = 4;
/* Those who changed courses */
else if LECC006 in (10,11,12,13) and LECC025 in (2,3,4) then XBAC2013 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2012 = 1 and LECA002 = 2 and LECA038 in (2,3,4) then XBAC2013 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LEWSAM05 in (11,12,13,14) and LECA006 = 2 and LECA038 in (2,3,4) then XBAC2013 = 4;
/* Else never commenced */
else XBAC2013 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2012) then XBAC2012 = .;

```

## Study status in bachelor degree or higher

### *XBAC2014*

#### Variable details

Cohort	Y09
Variable name	XBAC2014
Variable label	Derived: XBAC2014 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2014 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2013) then XBAC2013 = XBAC2012;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2014 in (7,8,9) and XHEL2014 not in (7,8,9) then XBAC2014 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2014 in (7,8,9) and XCEL2014 not in (7,8,9) then XBAC2014 = 2;
```



```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2014 in (7,8,9) and XCEL2014 in (7,8,9) then XBAC2014 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2014 not in (7,8,9) and XHEL2014 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2013 = 4 or XBAC2012 = 4 or XBAC2011 = 4 or XBAC2010 = 4 then XBAC2014 = 4;
/* Started study since last interview */
else if LFCA010 in (11,12,13,14) and LFCA021 in (2,3,4) then XBAC2014 = 4;
/* Those who changed courses */
else if LFCC006 in (10,11,12,13) and LFCC025 in (2,3,4) then XBAC2014 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2013 = 1 and LFCA002 = 2 and LFCA021 in (2,3,4) then XBAC2014 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LFWSAM04 in (11,12,13,14) and LFCA006 = 2 and LFCA021 in (2,3,4) then XBAC2014 = 4;
/* Else never commenced */
else XBAC2014 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2013) then XBAC2013 = .;

```

## Study status in bachelor degree or higher

### *XBAC2015*

#### Variable details

Cohort	Y09
Variable name	XBAC2015
Variable label	Derived: XBAC2015 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2014) then XBAC2014 = XBAC2013;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2015 in (7,8,9) and XHEL2015 not in (7,8,9) then XBAC2015 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2015 in (7,8,9) and XCEL2015 not in (7,8,9) then XBAC2015 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2015 in (7,8,9) and XCEL2015 in (7,8,9) then XBAC2015 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2015 not in (7,8,9) and XHEL2015 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2014 = 4 or XBAC2013 = 4 or XBAC2012 = 4 or XBAC2011 = 4 then XBAC2015 = 4;
/* Started study since last interview */
else if LGCA010 in (11,12,13,14) and LGCA021 in (2,3,4) then XBAC2015 = 4;
/* Those who changed courses */
else if LGCC006 in (10,11,12,13) and LGCC025 in (2,3,4) then XBAC2015 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2014 = 1 and LGCA002 = 2 and LGCA021 in (2,3,4) then XBAC2015 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LGWSAM03 in (11,12,13,14) and LGCA006 = 2 and LGCA021 in (2,3,4) then XBAC2015 = 4;
/* Else never commenced */
else XBAC2015 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2014) then XBAC2014 = .;

```

## Study status in bachelor degree or higher

### *XBAC2016*

#### Variable details

Cohort	Y09
Variable name	XBAC2016
Variable label	Derived: XBAC2016 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	8

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2016 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2015) then XBAC2015 = XBAC2014;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2016 in (7,8,9) and XHEL2016 not in (7,8,9) then XBAC2016 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2016 in (7,8,9) and XCEL2016 not in (7,8,9) then XBAC2016 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2016 in (7,8,9) and XCEL2016 in (7,8,9) then XBAC2016 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2016 not in (7,8,9) and XHEL2016 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2015 = 4 or XBAC2014 = 4 or XBAC2013 = 4 or XBAC2012 = 4 or XBAC2011 = 4 then XBAC2016 = 4;
/* Started study since last interview */
else if LHCA010 in (11,12,13,14) and LHCA021 in (2,3,4) then XBAC2016 = 4;
/* Those who changed courses */
else if LHCC006 in (10,11,12,13) and LHCC025 in (2,3,4) then XBAC2016 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2015 = 1 and LHCA002 = 2 and LHCA021 in (2,3,4) then XBAC2016 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LHWSAM03 in (11,12,13,14) and LHCA006 = 2 and LHCA021 in (2,3,4) then XBAC2016 = 4;
/* Else never commenced */
else XBAC2016 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2015) then XBAC2015 = .;

```

## Study status in bachelor degree or higher

### *XBAC2017*

#### Variable details

Cohort	Y09
Variable name	XBAC2017
Variable label	Derived: XBAC2017 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	9

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2017 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2016) then XBAC2016 = XBAC2015;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2017 in (7,8,9) and XHEL2017 not in (7,8,9) then XBAC2017 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2017 in (7,8,9) and XCEL2017 not in (7,8,9) then XBAC2017 = 2;
```

```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2017 in (7,8,9) and XCEL2017 in (7,8,9) then XBAC2017 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2017 not in (7,8,9) and XHEL2017 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2016 = 4 OR XBAC2015 = 4 or XBAC2014 = 4 or XBAC2013 = 4 or XBAC2012 = 4 or XBAC2011 = 4
then XBAC2017 = 4;
/* Started study since last interview */
else if LICA010 in (11,12,13,14) and LICA021 in (2,3,4) then XBAC2017 = 4;

/* Those who changed courses */
else if LICC006 in (10,11,12,13) and LICC025 in (2,3,4) then XBAC2017 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2016 = 1 and LICA002 = 2 and LICA021 in (2,3,4) then XBAC2017 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LIWSAM03 in (11,12,13,14) and LICA006 = 2 and LICA021 in (2,3,4) then XBAC2017 = 4;
/* Else never commenced */
else XBAC2017 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2016) then XBAC2016 = .;

```

## Study status in bachelor degree or higher

### *XBAC2018*

#### Variable details

Cohort	Y09
Variable name	XBAC2018
Variable label	Derived: XBAC2018 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The study status in a bachelor degree or higher at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

#### Syntax

```
if in2018 = 1 then do;  
  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2017) then XBAC2017 = XBAC2016;  
  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2018 in (7,8,9) and XHEL2018 not in (7,8,9) then XBAC2018 = 1;  
  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2018 in (7,8,9) and XCEL2018 not in (7,8,9) then XBAC2018 = 2;
```



```

/* Completed and undertaking a bachelor degree or higher */
else if XHEL2018 in (7,8,9) and XCEL2018 in (7,8,9) then XBAC2018 = 3;

/* Commenced but did not complete or never commenced */
else if XCEL2018 not in (7,8,9) and XHEL2018 not in (7,8,9) then do;

/* Last yr's status was commenced but did not complete */
if XBAC2017 = 4 OR XBAC2016 = 4 or XBAC2015 = 4 or XBAC2014 = 4 or XBAC2013 = 4 or XBAC2012 = 4 or
XBAC2011 = 4 then XBAC2018 = 4;

/* Started study since last interview */
else if LJCA010 in (11,12,13,14) and LJCA021 in (2,3,4) then XBAC2018 = 4;

/* Those who changed courses */
else if LJCC006 in (10,11,12,13) and LJCC025 in (2,3,4) then XBAC2018 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2017 = 1 and LJCA002 = 2 and LJCA021 in (2,3,4) then XBAC2018 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LJWSAM03 in (11,12,13,14) and LJCA006 = 2 and LJCA021 in (2,3,4) then XBAC2018 = 4;
/* Else never commenced */
else XBAC2018 = 5;
end;

end;

/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2017) then XBAC2017 = .;

```

## Study status in bachelor degree or higher

*XBAC2019*

### Variable details

Cohort	Y09
Variable name	XBAC2019
Variable label	Derived: XBAC2019 Study status in bachelor degree or higher
Topic area	Education
Data type	Numeric
Survey wave	11

### Description

The study status in a bachelor degree or higher at the time of interview.

### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Completed and undertaking further study at bachelor degree or higher  
4 = 4 Commenced, but did not complete  
5 = 5 Never commenced

### Notes

Categories include whether respondents: are currently undertaking a bachelor degree (or higher level qualification), have ever completed a bachelor degree (or higher level qualification), have completed a bachelor degree (or higher level qualification) and are undertaking further study at a bachelor degree (or higher level qualification), have ever commenced but did not complete a bachelor degree (or higher level qualification), or have never commenced a bachelor degree.

### Syntax

```
if in2019 = 1 then do;  
/* Bring forward status in bachelor degree from previous year if missed last interview */  
if missing(XBAC2018) then XBAC2018 = XBAC2017;  
/* Currently undertaking and have not completed a bachelor degree or higher */  
if XCEL2019 in (7,8,9) and XHEL2019 not in (7,8,9) then XBAC2019 = 1;  
/* Completed and not undertaking a bachelor degree or higher */  
else if XHEL2019 in (7,8,9) and XCEL2019 not in (7,8,9) then XBAC2019 = 2;  
/* Completed and undertaking a bachelor degree or higher */  
else if XHEL2019 in (7,8,9) and XCEL2019 in (7,8,9) then XBAC2019 = 3;  
/* Commenced but did not complete or never commenced */
```

```

else if XCEL2019 not in (7,8,9) and XHEL2019 not in (7,8,9) then do;
/* Last yr's status was commenced but did not complete */
if XBAC2018 = 4 OR XBAC2017 = 4 or XBAC2015 = 4 or XBAC2014 = 4 or XBAC2013 = 4 or XBAC2012 = 4 or
XBAC2011 = 4 then XBAC2019 = 4;
/* Started study since last interview */
else if LKCA010 in (11,12,13,14) and LKCA021 in (2,3,4) then XBAC2019 = 4;

/* Those who changed courses */
else if LKCC006 in (10,11,12,13) and LKCC025 in (2,3,4) then XBAC2019 = 4;
/* Stopped doing bachelor from previous interview and didn't complete */
else if XBAC2018 = 1 and LKCA002 = 2 and LKCA021 in (2,3,4) then XBAC2019 = 4;
/* Resumed deferred bachelor from previous interview and didn't complete */
else if LKWSAM03 in (11,12,13,14) and LKCA006 = 2 and LKCA021 in (2,3,4) then XBAC2019 = 4;
/* Else never commenced */
else XBAC2019 = 5;
end;
end;
/* Reset status in bachelor degree to missing if missed last interview */
if missing(in2018) then XBAC2018 = .;

```

## Study status in VET

### *XVET2009*

#### Variable details

Cohort	Y09
Variable name	XVET2009
Variable label	Derived: XVET2009 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	1

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
/* Still at school - assume no respondent has commenced VET */  
XVET2009 = 4;
```

## Study status in VET

### *XVET2010*

#### Variable details

Cohort	Y09
Variable name	XVET2010
Variable label	Derived: XVET2010 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	2

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Completed */  
if XHEL2010 in (1,2,3,4,5,6) or XVET2009 = 2 then XVET2010 = 2;  
  
/* Completed VET, but have also completed a bachelor degree or higher */
```

```
else if LBCA004 in (2,3,4,5,6,7,8,9,10) and LBCA030 = 1 then XVET2010 = 2;
else if LBCC006 in (1,2,3,4,5,6,7,8,9) and LBCC016 = 0 and LBCC025 = 1 then XVET2010 = 2;
else if LBCD017 = 1 then XVET2010 = 2;

/* Currently undertaking */
else if XCEL2010 in (1,2,3,4,5,6) then XVET2010 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2010 not in (1,2,3,4,5,6) and XHEL2010 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2009 = 3 then XVET2010 = 3;
else if LBCA004 in (2,3,4,5,6,7,8,9,10) and LBCA030 in (2,3,4) then XVET2010 = 3;
else if LBCC006 in (1,2,3,4,5,6,7,8,9) and LBCC025 in (2,3,4) then XVET2010 = 3;
else if LBCD017 in (2,3,4) then XVET2010 = 3;
/* Never commenced */
else XVET2010 = 4;
end;
end;
```

## Study status in VET

### *XVET2011*

#### Variable details

Cohort	Y09
Variable name	XVET2011
Variable label	Derived: XVET2011 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	3

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2010) then XVET2010 = XVET2009;  
  
/* Completed */
```

```

else if XHEL2011 in (1,2,3,4,5,6) or XVET2010 = 2 then XVET2011 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2010 = 1 and LCCA002 = 2 and LCCA038 = 1 then XVET2011 = 2;
else if LCWSAM07 in (2,3,4,5,6,7,8,9,10) and LCCA006 = 2 and LCCA038 = 1 then XVET2011 = 2;
else if LCCA010 in (2,3,4,5,6,7,8,9,10) and LCCA038 = 1 then XVET2011 = 2;
else if LCCC006 in (1,2,3,4,5,6,7,8,9) and LCCC025 = 1 then XVET2011 = 2;
else if LCCD018 = 1 then XVET2011 = 2;

/* Currently undertaking */
else if XCEL2011 in (1,2,3,4,5,6) then XVET2011 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2011 not in (1,2,3,4,5,6) and XHEL2011 not in (1,2,3,4,5,6) then do;

/* Commenced but did not complete */
if XVET2010 = 3 then XVET2011 = 3;

/* Stopped doing VET study from previous interview and didn't complete */
else if XVET2010 = 1 and LCCA002 = 2 and LCCA038 in (2,3,4) then XVET2011 = 3;

/* Resumed deferred VET study from previous interview and didn't complete */
else if LCWSAM07 in (2,3,4,5,6,7,8,9,10) and LCCA006 = 2 and LCCA038 in (2,3,4) then XVET2011 = 3;

/* Started VET study since last interview and didn't complete */
else if LCCA010 in (2,3,4,5,6,7,8,9,10) and LCCA038 in (2,3,4) then XVET2011 = 3;
else if LCCC006 in (1,2,3,4,5,6,7,8,9) and LCCC025 in (2,3,4) then XVET2011 = 3;
else if LCCD018 in (2,3,4) then XVET2011 = 3;

/* Never commenced */
else XVET2011 = 4;

end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2010) then XVET2010 = .;

end;

```



## Study status in VET

### *XVET2012*

#### Variable details

Cohort	Y09
Variable name	XVET2012
Variable label	Derived: XVET2012 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	4

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2012 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2011) then XVET2011 = XVET2010;  
  
/* Completed */
```

```

if XHEL2012 in (1,2,3,4,5,6) or XVET2011 = 2 then XVET2012 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2011 = 1 and LDCA002 = 2 and LDCA038 = 1 then XVET2012 = 2;
else if LDWSAM07 in (2,3,4,5,6,7,8,9,10) and LDCA006 = 2 and LDCA038 = 1 then XVET2012 = 2;
else if LDCA010 in (2,3,4,5,6,7,8,9,10) and LDCA038 = 1 then XVET2012 = 2;
else if LDCC006 in (1,2,3,4,5,6,7,8,9) and LDCC025 = 1 then XVET2012 = 2;
else if LDCC018 = 1 then XVET2012 = 2;

/* Currently undertaking */
else if XCEL2012 in (1,2,3,4,5,6) then XVET2012 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2012 not in (1,2,3,4,5,6) and XHEL2012 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2011 = 3 or XVET2010 = 3 then XVET2012 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2011 = 1 and LDCA002 = 2 and LDCA038 in (2,3,4) then XVET2012 = 3;
/* Resumed deferred VET study and didn't complete */
else if LDWSAM07 in (2,3,4,5,6,7,8,9,10) and LDCA006 = 2 and LDCA038 in (2,3,4) then XVET2012 = 3;
/* Started VET study since last interview and didn't complete */
else if LDCA010 in (2,3,4,5,6,7,8,9,10) and LDCA038 in (2,3,4) then XVET2012 = 3;
else if LDCC006 in (1,2,3,4,5,6,7,8,9) and LDCC025 in (2,3,4) then XVET2012 = 3;
else if LDCC018 in (2,3,4) then XVET2012 = 3;
/* Never commenced */
else XVET2012 = 4;
end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2011) then XVET2011 = .;

end;

```

## Study status in VET

### *XVET2013*

#### Variable details

Cohort	Y09
Variable name	XVET2013
Variable label	Derived: XVET2013 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	5

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2012) then XVET2012 = XVET2011;  
  
/* Completed */
```

```

if XHEL2013 in (1,2,3,4,5,6) or XVET2012 = 2 then XVET2013 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2012 = 1 and LECA002 = 2 and LECA038 = 1 then XVET2013 = 2;
else if LEWSAM05 in (2,3,4,5,6,7,8,9,10) and LECA006 = 2 and LECA038 = 1 then XVET2013 = 2;
else if LECA010 in (2,3,4,5,6,7,8,9,10) and LECA038 = 1 then XVET2013 = 2;
else if LECC006 in (1,2,3,4,5,6,7,8,9) and LECC025 = 1 then XVET2013 = 2;
else if LECD018 = 1 then XVET2013 = 2;

/* Currently undertaking */
else if XCEL2013 in (1,2,3,4,5,6) then XVET2013 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2013 not in (1,2,3,4,5,6) and XHEL2013 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2012 = 3 or XVET2011 = 3 or XVET2010 = 3 then XVET2013 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2012 = 1 and LECA002 = 2 and LECA038 in (2,3,4) then XVET2013 = 3;
/* Resumed deferred VET study and didn't complete */
else if LEWSAM05 in (2,3,4,5,6,7,8,9,10) and LECA006 = 2 and LECA038 in (2,3,4) then XVET2013 = 3;
/* Started VET study since last interview and didn't complete */
else if LECA010 in (2,3,4,5,6,7,8,9,10) and LECA038 in (2,3,4) then XVET2013 = 3;
else if LECC006 in (1,2,3,4,5,6,7,8,9) and LECC025 in (2,3,4) then XVET2013 = 3;
else if LECD018 in (2,3,4) then XVET2013 = 3;
/* Never commenced */
else XVET2013 = 4;
end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2012) then XVET2012 = .;

end;

```

## Study status in VET

### *XVET2014*

#### Variable details

Cohort	Y09
Variable name	XVET2014
Variable label	Derived: XVET2014 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	6

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2014 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2013) then XVET2013 = XVET2012;  
  
/* Completed */
```

```

if XHEL2014 in (1,2,3,4,5,6) or XVET2013 = 2 then XVET2014 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2013 = 1 and LFCA002 = 2 and LFCA021 = 1 then XVET2014 = 2;
else if LFWSAM04 in (2,3,4,5,6,7,8,9,10) and LFCA006 = 2 and LFCA021 = 1 then XVET2014 = 2;
else if LFCA010 in (2,3,4,5,6,7,8,9,10) and LFCA021 = 1 then XVET2014 = 2;
else if LFCC006 in (1,2,3,4,5,6,7,8,9) and LFCC025 = 1 then XVET2014 = 2;
else if LFCD018 = 1 then XVET2014 = 2;

/* Currently undertaking */
else if XCEL2014 in (1,2,3,4,5,6) then XVET2014 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2014 not in (1,2,3,4,5,6) and XHEL2014 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2013 = 3 or XVET2012 = 3 or XVET2011 = 3 or XVET2010 = 3 then XVET2014 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2013 = 1 and LFCA002 = 2 and LFCA021 in (2,3,4) then XVET2014 = 3;
/* Resumed deferred VET study and didn't complete */
else if LFWSAM04 in (2,3,4,5,6,7,8,9,10) and LFCA006 = 2 and LFCA021 in (2,3,4) then XVET2014 = 3;
/* Started VET study since last interview and didn't complete */
else if LFCA010 in (2,3,4,5,6,7,8,9,10) and LFCA021 in (2,3,4) then XVET2014 = 3;
else if LFCC006 in (1,2,3,4,5,6,7,8,9) and LFCC025 in (2,3,4) then XVET2014 = 3;
else if LFCD018 in (2,3,4) then XVET2014 = 3;
/* Never commenced */
else XVET2014 = 4;
end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2013) then XVET2013 = .;

end;

```

## Study status in VET

### *XVET2015*

#### Variable details

Cohort	Y09
Variable name	XVET2015
Variable label	Derived: XVET2015 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	7

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2014) then XVET2014 = XVET2013;  
  
/* Completed */
```

```

if XHEL2015 in (1,2,3,4,5,6) or XVET2014 = 2 then XVET2015 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2014 = 1 and LGCA002 = 2 and LGCA021 = 1 then XVET2015 = 2;
else if LGWSAM03 in (2,3,4,5,6,7,8,9,10) and LGCA006 = 2 and LGCA021 = 1 then XVET2015 = 2;
else if LGCA010 in (2,3,4,5,6,7,8,9,10) and LGCA021 = 1 then XVET2015 = 2;
else if LGCC006 in (1,2,3,4,5,6,7,8,9) and LGCC025 = 1 then XVET2015 = 2;
else if LGCD018 = 1 then XVET2015 = 2;

/* Currently undertaking */
else if XCEL2015 in (1,2,3,4,5,6) then XVET2015 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2015 not in (1,2,3,4,5,6) and XHEL2015 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2014 = 3 or XVET2013 = 3 or XVET2012 = 3 or XVET2011 = 3 then XVET2015 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2014 = 1 and LGCA002 = 2 and LGCA021 in (2,3,4) then XVET2015 = 3;
/* Resumed deferred VET study and didn't complete */
else if LGWSAM03 in (2,3,4,5,6,7,8,9,10) and LGCA006 = 2 and LGCA021 in (2,3,4) then XVET2015 = 3;
/* Started VET study since last interview and didn't complete */
else if LGCA010 in (2,3,4,5,6,7,8,9,10) and LGCA021 in (2,3,4) then XVET2015 = 3;
else if LGCC006 in (1,2,3,4,5,6,7,8,9) and LGCC025 in (2,3,4) then XVET2015 = 3;
else if LGCD018 in (2,3,4) then XVET2015 = 3;
/* Never commenced */
else XVET2015 = 4;
end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2014) then XVET2014 = .;

end;

```



## Study status in VET

### *XVET2016*

#### Variable details

Cohort	Y09
Variable name	XVET2016
Variable label	Derived: XVET2016 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	8

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2016 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2015) then XVET2015 = XVET2014;  
  
/* Completed */
```

```

if XHEL2016 in (1,2,3,4,5,6) or XVET2015 = 2 then XVET2016 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2015 = 1 and LHCA002 = 2 and LHCA021 = 1 then XVET2016 = 2;
else if LHWSAM03 in (2,3,4,5,6,7,8,9,10) and LHCA006 = 2 and LHCA021 = 1 then XVET2016 = 2;
else if LHCA010 in (2,3,4,5,6,7,8,9,10) and LHCA021 = 1 then XVET2016 = 2;
else if LHCC006 in (1,2,3,4,5,6,7,8,9) and LHCC025 = 1 then XVET2016 = 2;
else if LHCD018 = 1 then XVET2016 = 2;

/* Currently undertaking */
else if XCEL2016 in (1,2,3,4,5,6) then XVET2016 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2016 not in (1,2,3,4,5,6) and XHEL2016 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2015 = 3 or XVET2014 = 3 or XVET2013 = 3 or XVET2012 = 3 or XVET2011 = 3 then XVET2016 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2015 = 1 and LHCA002 = 2 and LHCA021 in (2,3,4) then XVET2016 = 3;
/* Resumed deferred VET study and didn't complete */
else if LHWSAM03 in (2,3,4,5,6,7,8,9,10) and LHCA006 = 2 and LHCA021 in (2,3,4) then XVET2016 = 3;
/* Started VET study since last interview and didn't complete */
else if LHCA010 in (2,3,4,5,6,7,8,9,10) and LHCA021 in (2,3,4) then XVET2016 = 3;
else if LHCC006 in (1,2,3,4,5,6,7,8,9) and LHCC025 in (2,3,4) then XVET2016 = 3;
else if LHCD018 in (2,3,4) then XVET2016 = 3;
/* Never commenced */
else XVET2016 = 4;
end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2015) then XVET2015 = .;

end;

```

## Study status in VET

### *XVET2017*

#### Variable details

Cohort	Y09
Variable name	XVET2017
Variable label	Derived: XVET2017 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	9

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2017 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2016) then XVET2016 = XVET2015;  
  
/* Completed */
```

```

if XHEL2017 in (1,2,3,4,5,6) or XVET2016 = 2 then XVET2017 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2016 = 1 and LICA002 = 2 and LICA021 = 1 then XVET2017 = 2;
else if LIWSAM03 in (2,3,4,5,6,7,8,9,10) and LICA006 = 2 and LICA021 = 1 then XVET2017 = 2;
else if LICA010 in (2,3,4,5,6,7,8,9,10) and LICA021 = 1 then XVET2017 = 2;
else if LICC006 in (1,2,3,4,5,6,7,8,9) and LICC025 = 1 then XVET2017 = 2;
else if LICD018 = 1 then XVET2017 = 2;
/* Currently undertaking */
else if XCEL2017 in (1,2,3,4,5,6) then XVET2017 = 1;
/* Commenced but did not complete or never commenced */
else if XCEL2017 not in (1,2,3,4,5,6) and XHEL2017 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2016 = 3 or XVET2015 = 3 or XVET2014 = 3 or XVET2013 = 3 or XVET2012 = 3 or XVET2011 = 3 then
XVET2017 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2016 = 1 and LICA002 = 2 and LICA021 in (2,3,4) then XVET2017 = 3;
/* Resumed deferred VET study and didn't complete */
else if LIWSAM03 in (2,3,4,5,6,7,8,9,10) and LICA006 = 2 and LICA021 in (2,3,4) then XVET2017 = 3;
/* Started VET study since last interview and didn't complete */
else if LICA010 in (2,3,4,5,6,7,8,9,10) and LICA021 in (2,3,4) then XVET2017 = 3;
else if LICC006 in (1,2,3,4,5,6,7,8,9) and LICC025 in (2,3,4) then XVET2017 = 3;
else if LICD018 in (2,3,4) then XVET2017 = 3;
/* Never commenced */
else XVET2017 = 4;

end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2016) then XVET2016 = .;
end;

```

## Study status in VET

### *XVET2018*

#### Variable details

Cohort	Y09
Variable name	XVET2018
Variable label	Derived: XVET2018 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	10

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2018 = 1 then do;  
  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2017) then XVET2017 = XVET2016;  
  
/* Completed */
```

```

if XHEL2018 in (1,2,3,4,5,6) or XVET2017 = 2 then XVET2018 = 2;

/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2017 = 1 and LJCA002 = 2 and LJCA021 = 1 then XVET2018 = 2;
else if LJWSAM03 in (2,3,4,5,6,7,8,9,10) and LJCA006 = 2 and LJCA021 = 1 then XVET2018 = 2;
else if LJCA010 in (2,3,4,5,6,7,8,9,10) and LJCA021 = 1 then XVET2018 = 2;
else if LJCC006 in (1,2,3,4,5,6,7,8,9) and LJCC025 = 1 then XVET2018 = 2;
else if LJCD018 = 1 then XVET2018 = 2;

/* Currently undertaking */
else if XCEL2018 in (1,2,3,4,5,6) then XVET2018 = 1;

/* Commenced but did not complete or never commenced */
else if XCEL2018 not in (1,2,3,4,5,6) and XHEL2018 not in (1,2,3,4,5,6) then do;

/* Commenced but did not complete */
if XVET2017 = 3 or XVET2016 = 3 or XVET2015 = 3 or XVET2014 = 3 or XVET2013 = 3 or XVET2012 = 3 or
XVET2011 = 3 then XVET2018 = 3;

/* Stopped VET study from last interview and didn't complete */
else if XVET2017 = 1 and LJCA002 = 2 and LJCA021 in (2,3,4) then XVET2018 = 3;

/* Resumed deferred VET study and didn't complete */
else if LJWSAM03 in (2,3,4,5,6,7,8,9,10) and LJCA006 = 2 and LJCA021 in (2,3,4) then XVET2018 = 3;

/* Started VET study since last interview and didn't complete */
else if LJCA010 in (2,3,4,5,6,7,8,9,10) and LJCA021 in (2,3,4) then XVET2018 = 3;
else if LJCC006 in (1,2,3,4,5,6,7,8,9) and LJCC025 in (2,3,4) then XVET2018 = 3;
else if LJCD018 in (2,3,4) then XVET2018 = 3;

/* Never commenced */
else XVET2018 = 4;

end;

/* Reset last year's VET status to missing if missed last interview */
if missing(in2017) then XVET2017 = .;

end;

```

## Study status in VET

### *XVET2019*

#### Variable details

Cohort	Y09
Variable name	XVET2019
Variable label	Derived: XVET2019 Study status in VET
Topic area	Education
Data type	Numeric
Survey wave	11

#### Description

The study status in vocational education and training (VET) at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

Categories include whether respondents: are currently undertaking a VET qualification, have ever completed a VET qualification, have ever commenced but did not complete a VET qualification, or have never commenced a VET qualification.

'VET qualifications' includes apprenticeships and traineeships and diplomas and advanced diplomas undertaken at university.

'VET qualifications' does not include VET undertaken while at school.

The category 'Currently undertaking' a VET qualification does not include those who have already completed a VET qualification and are undertaking an additional VET qualification.

The category 'Completed' a VET qualification may include those who have completed a VET qualification and are currently undertaking an additional VET qualification.

#### Syntax

```
if in2019 = 1 then do;  
/* Bring forward status in VET from previous year if missed last interview */  
if missing(XVET2018) then XVET2018 = XVET2017;  
/* Completed */  
if XHEL2019 in (1,2,3,4,5,6) or XVET2018 = 2 then XVET2019 = 2;
```

```

/* Any other formal (VET) qualifications completed since leaving secondary school */
else if (LKC105A = 1 or LKC105B = 1 or LKC105C = 1 or LKC105D = 1 or LKC105E = 1 or LKC105H = 1 or
LKC105I = 1
or LKC105J = 1 or LKC105K = 1) then XVET2019 = 2 ;
else if (LKC105F = 1 or LKC105G = 1) then XVET2019 = 2 ;
/* Completed VET, but have also completed a bachelor degree or higher */
else if XVET2018 = 1 and LKCA002 = 2 and LKCA021 = 1 then XVET2019 = 2;
else if LKWSAM03 in (2,3,4,5,6,7,8,9,10) and LKCA006 = 2 and LKCA021 = 1 then XVET2019 = 2;
else if LKCA010 in (2,3,4,5,6,7,8,9,10) and LKCA021 = 1 then XVET2019 = 2;
else if LKCC006 in (1,2,3,4,5,6,7,8,9) and LKCC025 = 1 then XVET2019 = 2;
else if LKCD018 = 1 then XVET2019 = 2;
/* Currently undertaking */
else if XCEL2019 in (1,2,3,4,5,6) then XVET2019 = 1;
/* Commenced but did not complete or never commenced */
else if XCEL2019 not in (1,2,3,4,5,6) and XHEL2019 not in (1,2,3,4,5,6) then do;
/* Commenced but did not complete */
if XVET2018 = 3 or XVET2017 = 3 or XVET2015 = 3 or XVET2014 = 3 or XVET2013 = 3 or XVET2012 = 3 or
XVET2011 = 3 then XVET2019 = 3;
/* Stopped VET study from last interview and didn't complete */
else if XVET2018 = 1 and LKCA002 = 2 and LKCA021 in (2,3,4) then XVET2019 = 3;
/* Resumed deferred VET study and didn't complete */
else if LKWSAM03 in (2,3,4,5,6,7,8,9,10) and LKCA006 = 2 and LKCA021 in (2,3,4) then XVET2019 = 3;
/* Started VET study since last interview and didn't complete */
else if LKCA010 in (2,3,4,5,6,7,8,9,10) and LKCA021 in (2,3,4) then XVET2019 = 3;
else if LKCC006 in (1,2,3,4,5,6,7,8,9) and LKCC025 in (2,3,4) then XVET2019 = 3;
else if LKCD018 in (2,3,4) then XVET2019 = 3;
/* Never commenced */
else XVET2019 = 4;
end;
/* Reset last year's VET status to missing if missed last interview */
if missing(in2018) then XVET2018 = .;
end;

```



## Completed Year 12 or certificate II or higher

*X1222009*

### Variable details

Cohort	Y09
Variable name	X1222009
Variable label	Derived: X1222009 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	1

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2009 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2009 = 1 or XHEL2009 in (2,3,4,6,7,8,9) then X1222009 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2009 not in (1) and XHEL2009 not in (2,3,4,6,7,8,9) then X1222009 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222010*

### Variable details

Cohort	Y09
Variable name	X1222010
Variable label	Derived: X1222010 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	2

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2010 = 1 then do;  
  
/* Completed Year 12 or certificate II or higher */  
if XHSL2010 = 1 or XHEL2010 in (2,3,4,6,7,8,9) then X1222010 = 1;  
  
/* Did not complete Year 12 or certificate II or higher */  
else if XHSL2010 not in (1) and XHEL2010 not in (2,3,4,6,7,8,9) then X1222010 = 2;  
  
end;
```

## Completed Year 12 or certificate II or higher

*X1222011*

### Variable details

Cohort	Y09
Variable name	X1222011
Variable label	Derived: X1222011 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	3

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2011 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2011 = 1 or XHEL2011 in (2,3,4,6,7,8,9) then X1222011 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2011 not in (1) and XHEL2011 not in (2,3,4,6,7,8,9) then X1222011 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222012*

### Variable details

Cohort	Y09
Variable name	X1222012
Variable label	Derived: X1222012 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	4

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2012 = 1 then do;  
  
/* Completed Year 12 or certificate II or higher */  
if XHSL2012 = 1 or XHEL2012 in (2,3,4,6,7,8,9) then X1222012 = 1;  
  
/* Did not complete Year 12 or certificate II or higher */  
else if XHSL2012 not in (1) and XHEL2012 not in (2,3,4,6,7,8,9) then X1222012 = 2;  
  
end;
```

## Completed Year 12 or certificate II or higher

*X1222013*

### Variable details

Cohort	Y09
Variable name	X1222013
Variable label	Derived: X1222013 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	5

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2013 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2013 = 1 or XHEL2013 in (2,3,4,6,7,8,9) then X1222013 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2013 not in (1) and XHEL2013 not in (2,3,4,6,7,8,9) then X1222013 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222014*

### Variable details

Cohort	Y09
Variable name	X1222014
Variable label	Derived: X1222014 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	6

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2014 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2014 = 1 or XHEL2014 in (2,3,4,6,7,8,9) then X1222014 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2014 not in (1) and XHEL2014 not in (2,3,4,6,7,8,9) then X1222014 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222015*

### Variable details

Cohort	Y09
Variable name	X1222015
Variable label	Derived: X1222015 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	7

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2015 = 1 then do;  
  
/* Completed Year 12 or certificate II or higher */  
if XHSL2015 = 1 or XHEL2015 in (2,3,4,6,7,8,9) then X1222015 = 1;  
  
/* Did not complete Year 12 or certificate II or higher */  
else if XHSL2015 not in (1) and XHEL2015 not in (2,3,4,6,7,8,9) then X1222015 = 2;  
  
end;
```

## Completed Year 12 or certificate II or higher

*X1222016*

### Variable details

Cohort	Y09
Variable name	X1222016
Variable label	Derived: X1222016 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	8

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2016 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2016 = 1 or XHEL2016 in (2,3,4,6,7,8,9) then X1222016 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2016 not in (1) and XHEL2016 not in (2,3,4,6,7,8,9) then X1222016 = 2;

end;
```



## Completed Year 12 or certificate II or higher

*X1222017*

### Variable details

Cohort	Y09
Variable name	X1222017
Variable label	Derived: X1222017 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	9

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2017 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2017 = 1 or XHEL2017 in (2,3,4,6,7,8,9) then X1222017 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2017 not in (1) and XHEL2017 not in (2,3,4,6,7,8,9) then X1222017 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222018*

### Variable details

Cohort	Y09
Variable name	X1222018
Variable label	Derived: X1222018 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	10

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2018 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2018 = 1 or XHEL2018 in (2,3,4,6,7,8,9) then X1222018 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2018 not in (1) and XHEL2018 not in (2,3,4,6,7,8,9) then X1222018 = 2;

end;
```

## Completed Year 12 or certificate II or higher

*X1222019*

### Variable details

Cohort	Y09
Variable name	X1222019
Variable label	Derived: X1222019 Completed Year 12 or certificate II or higher
Topic area	Education
Data type	Numeric
Survey wave	11

### Description

This indicator records whether respondents have completed Year 12 or a certificate II or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate II or higher  
2 = 2 Did not complete Year 12 or certificate II or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate II or higher level qualification.

### Syntax

```
if in2019 = 1 then do;

/* Completed Year 12 or certificate II or higher */
if XHSL2019 = 1 or XHEL2019 in (2,3,4,6,7,8,9) then X1222019 = 1;

/* Did not complete Year 12 or certificate II or higher */
else if XHSL2019 not in (1) and XHEL2019 not in (2,3,4,6,7,8,9) then X1222019 = 2;

end;
```

## Completed Year 12 or certificate III or higher

*X1232009*

### Variable details

Cohort	Y09
Variable name	X1232009
Variable label	Derived: X1232009 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	1

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2009 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2009 = 1 or XHEL2009 in (3,4,6,7,8,9) then X1232009 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2009 not in (1) and XHEL2009 not in (3,4,6,7,8,9) then X1232009 = 2;  
  
end;
```

## Completed Year 12 or certificate III or higher

*X1232010*

### Variable details

Cohort	Y09
Variable name	X1232010
Variable label	Derived: X1232010 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	2

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2010 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2010 = 1 or XHEL2010 in (3,4,6,7,8,9) then X1232010 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2010 not in (1) and XHEL2010 not in (3,4,6,7,8,9) then X1232010 = 2;  
  
end;
```

## Completed Year 12 or certificate III or higher

*X1232011*

### Variable details

Cohort	Y09
Variable name	X1232011
Variable label	Derived: X1232011 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	3

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2011 = 1 then do;

/* Completed Year 12 or certificate III or higher */
if XHSL2011 = 1 or XHEL2011 in (3,4,6,7,8,9) then X1232011 = 1;

/* Did not complete Year 12 or certificate III or higher */
else if XHSL2011 not in (1) and XHEL2011 not in (3,4,6,7,8,9) then X1232011 = 2;

end;
```

## Completed Year 12 or certificate III or higher

*X1232012*

### Variable details

Cohort	Y09
Variable name	X1232012
Variable label	Derived: X1232012 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	4

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2012 = 1 then do;

/* Completed Year 12 or certificate III or higher */
if XHSL2012 = 1 or XHEL2012 in (3,4,6,7,8,9) then X1232012 = 1;

/* Did not complete Year 12 or certificate III or higher */
else if XHSL2012 not in (1) and XHEL2012 not in (3,4,6,7,8,9) then X1232012 = 2;

end;
```

## Completed Year 12 or certificate III or higher

*X1232013*

### Variable details

Cohort	Y09
Variable name	X1232013
Variable label	Derived: X1232013 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	5

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2013 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2013 = 1 or XHEL2013 in (3,4,6,7,8,9) then X1232013 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2013 not in (1) and XHEL2013 not in (3,4,6,7,8,9) then X1232013 = 2;  
  
end;
```



## Completed Year 12 or certificate III or higher

*X1232014*

### Variable details

Cohort	Y09
Variable name	X1232014
Variable label	Derived: X1232014 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	6

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2014 = 1 then do;

/* Completed Year 12 or certificate III or higher */
if XHSL2014 = 1 or XHEL2014 in (3,4,6,7,8,9) then X1232014 = 1;

/* Did not complete Year 12 or certificate III or higher */
else if XHSL2014 not in (1) and XHEL2014 not in (3,4,6,7,8,9) then X1232014 = 2;

end;
```

## Completed Year 12 or certificate III or higher

*X1232015*

### Variable details

Cohort	Y09
Variable name	X1232015
Variable label	Derived: X1232015 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	7

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2015 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2015 = 1 or XHEL2015 in (3,4,6,7,8,9) then X1232015 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2015 not in (1) and XHEL2015 not in (3,4,6,7,8,9) then X1232015 = 2;  
  
end;
```

## Completed Year 12 or certificate III or higher

*X1232016*

### Variable details

Cohort	Y09
Variable name	X1232016
Variable label	Derived: X1232016 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	8

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2016 = 1 then do;

/* Completed Year 12 or certificate III or higher */
if XHSL2016 = 1 or XHEL2016 in (3,4,6,7,8,9) then X1232016 = 1;

/* Did not complete Year 12 or certificate III or higher */
else if XHSL2016 not in (1) and XHEL2016 not in (3,4,6,7,8,9) then X1232016 = 2;

end;
```

## Completed Year 12 or certificate III or higher

*X1232017*

### Variable details

Cohort	Y09
Variable name	X1232017
Variable label	Derived: X1232017 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	9

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2017 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2017 = 1 or XHEL2017 in (3,4,6,7,8,9) then X1232017 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2017 not in (1) and XHEL2017 not in (3,4,6,7,8,9) then X1232017 = 2;  
  
end;
```

## Completed Year 12 or certificate III or higher

*X1232018*

### Variable details

Cohort	Y09
Variable name	X1232018
Variable label	Derived: X1232018 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	10

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2018 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2018 = 1 or XHEL2018 in (3,4,6,7,8,9) then X1232018 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2018 not in (1) and XHEL2018 not in (3,4,6,7,8,9) then X1232018 = 2;  
  
end;
```

## Completed Year 12 or certificate III or higher

*X1232019*

### Variable details

Cohort	Y09
Variable name	X1232019
Variable label	Derived: X1232019 Completed Year 12 or certificate III or higher
Topic area	Education
Data type	Numeric
Survey wave	11

### Description

This indicator records whether respondents have completed Year 12 or a certificate III or a higher qualification level at the time of interview.

### Formats

1 = 1 Completed Year 12 or certificate III or higher  
2 = 2 Did not complete Year 12 or certificate III or higher

### Notes

Respondents whose highest qualification is at an unknown certificate level are not recorded as having completed Year 12 or certificate III or higher level qualification.

### Syntax

```
if in2019 = 1 then do;  
  
/* Completed Year 12 or certificate III or higher */  
if XHSL2019 = 1 or XHEL2019 in (3,4,6,7,8,9) then X1232019 = 1;  
  
/* Did not complete Year 12 or certificate III or higher */  
else if XHSL2019 not in (1) and XHEL2019 not in (3,4,6,7,8,9) then X1232019 = 2;  
  
end;
```

# Employment

## Labour force status

*XLFS2009*

### Variable details

Cohort	Y09
Variable name	XLFS2009
Variable label	Derived: XLFS2009 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2009 = 1 then do;  
  
if ST70N01 = 1 then XLFS2009 = 1; *Employed;  
else if ST70N01 = 2 then XLFS2009 = 3; *Not in the labour force;  
else if ST70N01 = 9 then XLFS2009 = 99; *Unknown labour force status;  
  
end;
```

## Labour force status

### *XLFS2010*

#### Variable details

Cohort	Y09
Variable name	XLFS2010
Variable label	Derived: XLFS2010 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The labour force status at the time of the interview.

#### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

#### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LBD004 in (0,1) then XLFS2010 = 1; *Employed;  
  
/* Waiting to start */  
else if LBD001 = 3 then XLFS2010 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LBF001 = 1 then XLFS2010 = 2; *Unemployed;
```



```
/* Not working and not looking for work */  
else if LBF001 = 0 then XLFS2010 = 3; *Not in the labour force;  
  
end;
```

# Labour force status

## *XLFS2011*

### Variable details

Cohort	Y09
Variable name	XLFS2011
Variable label	Derived: XLFS2011 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	3

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2011 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LCD004 in (0,1) then XLFS2011 = 1; *Employed;  
  
/* Waiting to start */  
else if LCD001 = 3 then XLFS2011 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LCF001 = 1 then XLFS2011 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LCF001 = 0 then XLFS2011 = 3; *Not in the labour force;  
  
end;
```

# Labour force status

## *XLFS2012*

### Variable details

Cohort	Y09
Variable name	XLFS2012
Variable label	Derived: XLFS2012 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	4

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2012 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LDD004 in (0,1) then XLFS2012 = 1; *Employed;  
  
/* Waiting to start */  
else if LDD001 = 3 then XLFS2012 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LDF001 = 1 then XLFS2012 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LDF001 = 0 then XLFS2012 = 3; *Not in the labour force;  
  
end;
```

## Labour force status

### *XLFS2013*

#### Variable details

Cohort	Y09
Variable name	XLFS2013
Variable label	Derived: XLFS2013 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The labour force status at the time of the interview.

#### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

#### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LED004 in (0,1) then XLFS2013 = 1; *Employed;  
  
/* Waiting to start */  
else if LED001 = 3 then XLFS2013 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LEF001 = 1 then XLFS2013 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LEF001 = 0 then XLFS2013 = 3; *Not in the labour force;  
  
end;
```

# Labour force status

## *XLFS2014*

### Variable details

Cohort	Y09
Variable name	XLFS2014
Variable label	Derived: XLFS2014 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	6

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2014 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LFD004 in (0,1) then XLFS2014 = 1; *Employed;  
  
/* Waiting to start */  
else if LFD001 = 3 then XLFS2014 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LFF001 = 1 then XLFS2014 = 2; *Unemployed;
```



```
/* Not working and not looking for work */  
else if LFF001 = 0 then XLFS2014 = 3; *Not in the labour force;  
  
end;
```

# Labour force status

## *XLFS2015*

### Variable details

Cohort	Y09
Variable name	XLFS2015
Variable label	Derived: XLFS2015 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	7

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2015 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LGD004 in (0,1) then XLFS2015 = 1; *Employed;  
  
/* Waiting to start */  
else if LGD001 = 3 then XLFS2015 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LGF001 = 1 then XLFS2015 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LGF001 = 0 then XLFS2015 = 3; *Not in the labour force;  
  
end;
```

# Labour force status

## *XLFS2016*

### Variable details

Cohort	Y09
Variable name	XLFS2016
Variable label	Derived: XLFS2016 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	8

### Description

The labour force status at the time of the interview.

### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

### Syntax

```
if in2016 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LHD004 in (0,1) then XLFS2016 = 1; *Employed;  
  
/* Waiting to start */  
else if LHD001 = 3 then XLFS2016 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LHF001 = 1 then XLFS2016 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LHF001 = 0 then XLFS2016 = 3; *Not in the labour force;  
  
end;
```

## Labour force status

### *XLFS2017*

#### Variable details

Cohort	Y09
Variable name	XLFS2017
Variable label	Derived: XLFS2017 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The labour force status at the time of the interview.

#### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

#### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

#### Syntax

```
if in2017 = 1 then do;

/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due to holidays, sickness or some other reason), apprentices and trainees, and those in school holiday jobs */
if LID004 in (0,1) then XLFS2017 = 1; *Employed;

/* Waiting to start */
else if LID001 = 3 then XLFS2017 = 1; *Employed;

/* Not working and looking for work */
else if LIF001 = 1 then XLFS2017 = 2; *Unemployed;
```

```
/* Not working and not looking for work */  
else if LIF001 = 0 then XLFS2017 = 3; *Not in the labour force;  
end;
```

## Labour force status

### *XLFS2018*

#### Variable details

Cohort	Y09
Variable name	XLFS2018
Variable label	Derived: XLFS2018 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The labour force status at the time of the interview.

#### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

#### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

#### Syntax

```
if in2018 = 1 then do;  
  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due  
to holidays,  
sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LJD004 in (0,1) then XLFS2018 = 1; *Employed;  
  
/* Waiting to start */  
else if LJD001 = 3 then XLFS2018 = 1; *Employed;  
  
/* Not working and looking for work */  
else if LJF001 = 1 then XLFS2018 = 2; *Unemployed;
```



```
/* Not working and not looking for work */  
else if LJF001 = 0 then XLFS2018 = 3; *Not in the labour force;  
  
end;
```

## Labour force status

### *XLFS2019*

#### Variable details

Cohort	Y09
Variable name	XLFS2019
Variable label	Derived: XLFS2019 Labour force status
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The labour force status at the time of the interview.

#### Formats

1 = 1 Employed  
2 = 2 Unemployed  
3 = 3 Not in the labour force  
99 = 99 Unknown labour force status

#### Notes

This indicator categorises respondents as: employed, unemployed, not in the labour force or unknown labour force status.

The 'Employed' category includes respondents who reported they are not working but are waiting to start work, or are away from work because of holidays, sickness or some other reason.

#### Syntax

```
if in2019 = 1 then do;  
/* Have job - D4 answered. Includes school leaver with current job, those who are away from job (due  
to holidays,  
sickness or some other reason), apprentices and trainees, and those in school holiday jobs */  
if LKD004 in (0,1) then XLFS2019 = 1; *Employed;  
/* Waiting to start */  
else if LKD001 = 3 then XLFS2019 = 1; *Employed;  
/* Not working and looking for work */  
else if LKF001 = 1 then XLFS2019 = 2; *Unemployed;  
/* Not working and not looking for work */  
else if LKF001 = 0 then XLFS2019 = 3; *Not in the labour force;  
end;
```

# Average weekly hours worked

## *XHRS2009*

### Variable details

Cohort	Y09
Variable name	XHRS2009
Variable label	Derived: XHRS2009 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The average weekly working hours at the time of interview.

### Formats

998 = 998 Not applicable  
999 = 999 Unknown

### Notes

Values can fall within the range of 1 to 997 hours.

No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

### Syntax

```
if in2009 = 1 then do;

if XLFS2009 = 1 then do;
if ST71N01 not in (999) and ST71N02 not in (999) then XHRS2009 = sum(ST71N01, ST71N02); *Hours worked;
else if ST71N01 = 999 and ST71N02 = 999 then XHRS2009 = 999; *Working, but weekly hours worked unknown;
end;

else if XLFS2009 in (2,3,99) then XHRS2009 = 998; *Not working (unemployed or NILF) - includes unknown labour force status;

end;
```

## Average weekly hours worked

### *XHRS2010*

#### Variable details

Cohort	Y09
Variable name	XHRS2010
Variable label	Derived: XHRS2010 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2010 = 1 then do;  
  
if XLFS2010 = 1 then do;  
if LBD005 not in (.,999) then XHRS2010 = LBD005;  
else if LBD006 not in (.,999) then XHRS2010 = LBD006;  
else if LBD005 in (.,999) or LBD006 in (.,999) then XHRS2010 = 999; *Working, but weekly hours worked  
unknown;  
end;  
  
else if XLFS2010 in (2,3) then XHRS2010 = 998; *Not working (unemployed or NILF);  
  
end;
```

## Average weekly hours worked

### *XHRS2011*

#### Variable details

Cohort	Y09
Variable name	XHRS2011
Variable label	Derived: XHRS2011 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2011 = 1 then do;

if XLFS2011 = 1 then do;
if LCD011 not in (.,999) then XHRS2011 = LCD011;
else if LCD012 not in (.,999) then XHRS2011 = LCD012;
else if LCD013 not in (.,999) then XHRS2011 = LCD013;
/* Working, but weekly hours worked unknown */
else if LCD011 in (.,999) or LCD012 in (.,999) or LCD013 in (.,999) then XHRS2011 = 999;
end;

else if XLFS2011 in (2,3) then XHRS2011 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2012*

#### Variable details

Cohort	Y09
Variable name	XHRS2012
Variable label	Derived: XHRS2012 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2012 = 1 then do;

if XLFS2012 = 1 then do;
if LDD011 not in (.,999) then XHRS2012 = LDD011;
else if LDD012 not in (.,999) then XHRS2012 = LDD012;
else if LDD013 not in (.,999) then XHRS2012 = LDD013;
/* Working, but weekly hours worked unknown */
else if LDD011 in (.,999) or LDD012 in (.,999) or LDD013 in (.,999) then XHRS2012 = 999;
end;

else if XLFS2012 in (2,3) then XHRS2012 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2013*

#### Variable details

Cohort	Y09
Variable name	XHRS2013
Variable label	Derived: XHRS2013 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2013 = 1 then do;

if XLFS2013 = 1 then do;
if LED011 not in (.,999) then XHRS2013 = LED011;
else if LED012 not in (.,999) then XHRS2013 = LED012;
else if LED013 not in (.,999) then XHRS2013 = LED013;
/* Working, but weekly hours worked unknown */
else if LED011 in (.,999) or LED012 in (.,999) or LED013 in (.,999) then XHRS2013 = 999;
end;

else if XLFS2013 in (2,3) then XHRS2013 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2014*

#### Variable details

Cohort	Y09
Variable name	XHRS2014
Variable label	Derived: XHRS2014 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2014 = 1 then do;

if XLFS2014 = 1 then do;
if LFD011 not in (.,999) then XHRS2014 = LFD011;
else if LFD012 not in (.,999) then XHRS2014 = LFD012;
else if LFD013 not in (.,999) then XHRS2014 = LFD013;
/* Working, but weekly hours worked unknown */
else if LFD011 in (.,999) or LFD012 in (.,999) or LFD013 in (.,999) then XHRS2014 = 999;
end;

else if XLFS2014 in (2,3) then XHRS2014 = 998; *Not working (unemployed or NILF);

end;
```



## Average weekly hours worked

### *XHRS2015*

#### Variable details

Cohort	Y09
Variable name	XHRS2015
Variable label	Derived: XHRS2015 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2015 = 1 then do;

if XLFS2015 = 1 then do;
if LGD011 not in (.,999) then XHRS2015 = LGD011;
else if LGD012 not in (.,999) then XHRS2015 = LGD012;
else if LGD013 not in (.,999) then XHRS2015 = LGD013;
/* Working, but weekly hours worked unknown */
else if LGD011 in (.,999) or LGD012 in (.,999) or LGD013 in (.,999) then XHRS2015 = 999;
end;

else if XLFS2015 in (2,3) then XHRS2015 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2016*

#### Variable details

Cohort	Y09
Variable name	XHRS2016
Variable label	Derived: XHRS2016 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.

No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2016 = 1 then do;

if XLFS2016 = 1 then do;
if LHD011 not in (.,999) then XHRS2016 = LHD011;
else if LHD012 not in (.,999) then XHRS2016 = LHD012;
else if LHD013 not in (.,999) then XHRS2016 = LHD013;
/* Working, but weekly hours worked unknown */
else if LHD011 in (.,999) or LHD012 in (.,999) or LHD013 in (.,999) then XHRS2016 = 999;
end;

else if XLFS2016 in (2,3) then XHRS2016 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2017*

#### Variable details

Cohort	Y09
Variable name	XHRS2017
Variable label	Derived: XHRS2017 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2017 = 1 then do;

if XLFS2017 = 1 then do;
if LID011 not in (.,999) then XHRS2017 = LID011;
else if LID012 not in (.,999) then XHRS2017 = LID012;
else if LID013 not in (.,999) then XHRS2017 = LID013;
/* Working, but weekly hours worked unknown */
else if LID011 in (.,999) or LID012 in (.,999) or LID013 in (.,999) then XHRS2017 = 999;
end;

else if XLFS2017 in (2,3) then XHRS2017 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2018*

#### Variable details

Cohort	Y09
Variable name	XHRS2018
Variable label	Derived: XHRS2018 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2018 = 1 then do;

if XLFS2018 = 1 then do;
if LJD011 not in (.,999) then XHRS2018 = LJD011;
else if LJD012 not in (.,999) then XHRS2018 = LJD012;
else if LJD013 not in (.,999) then XHRS2018 = LJD013;
/* Working, but weekly hours worked unknown */
else if LJD011 in (.,999) or LJD012 in (.,999) or LJD013 in (.,999) then XHRS2018 = 999;
end;

else if XLFS2018 in (2,3) then XHRS2018 = 998; *Not working (unemployed or NILF);

end;
```

## Average weekly hours worked

### *XHRS2019*

#### Variable details

Cohort	Y09
Variable name	XHRS2019
Variable label	Derived: XHRS2019 Average weekly hours worked
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The average weekly working hours at the time of interview.

#### Formats

998 = 998 Not applicable  
999 = 999 Unknown

#### Notes

Values can fall within the range of 1 to 997 hours.  
No information is provided for respondents who: are waiting to start work or did not provide the number of hours they work each week.

#### Syntax

```
if in2019 = 1 then do;
if XLFS2019 = 1 then do;
if LKD011 not in (.,999) then XHRS2019 = LKD011;
else if LKD012 not in (.,999) then XHRS2019 = LKD012;
else if LKD013 not in (.,999) then XHRS2019 = LKD013;
/* Working, but weekly hours worked unknown */
else if LKD011 in (.,999) or LKD012 in (.,999) or LKD013 in (.,999) then XHRS2019 = 999;
end;
else if XLFS2019 in (2,3) then XHRS2019 = 998; *Not working (unemployed or NILF);
end;
```

## Full-time or part-time employment status

### *XFTP2009*

#### Variable details

Cohort	Y09
Variable name	XFTP2009
Variable label	Derived: XFTP2009 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	1

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2009 = 1 then do;  
if XLFS2009 = 1 then do;  
if 0 < XHRS2009 < 35 then XFTP2009 = 2; *Working part-time;  
else if 35 <= XHRS2009 <= 100 then XFTP2009 = 1; *Working full-time;  
else if XHRS2009 = 999 then XFTP2009 = 99; *Working, but working time unknown;  
end;  
else if XLFS2009 in (2,3,99) then XFTP2009 = 3; *Not working (unemployed or NILF) -  
end;
```

## Full-time or part-time employment status

### *XFTP2010*

#### Variable details

Cohort	Y09
Variable name	XFTP2010
Variable label	Derived: XFTP2010 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2010 = 1 then do;  
if XLFS2010 = 1 then do;  
if 0 < XHRS2010 < 35 then XFTP2010 = 2; *Working part-time;  
else if 35 <= XHRS2010 <= 100 then XFTP2010 = 1; *Working full-time;  
else if XHRS2010 = 999 then XFTP2010 = 99; *Working, but working time unknown;  
end;  
else if XLFS2010 in (2,3) then XFTP2010 = 3; *Not working (unemployed or NILF);  
end;
```

## Full-time or part-time employment status

### *XFTP2011*

#### Variable details

Cohort	Y09
Variable name	XFTP2011
Variable label	Derived: XFTP2011 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2011 = 1 then do;  
if XLFS2011 = 1 then do;  
if 0 < XHRS2011 < 35 then XFTP2011 = 2; *Working part-time;  
else if 35 <= XHRS2011 <= 100 then XFTP2011 = 1; *Working full-time;  
else if XHRS2011 = 999 then XFTP2011 = 99; *Working, but working time unknown;  
end;  
else if XLFS2011 in (2,3) then XFTP2011 = 3; *Not working (unemployed or NILF);  
end;
```



## Full-time or part-time employment status

### *XFTP2012*

#### Variable details

Cohort	Y09
Variable name	XFTP2012
Variable label	Derived: XFTP2012 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2012 = 1 then do;  
if XLFS2012 = 1 then do;  
if 0 < XHRS2012 < 35 then XFTP2012 = 2; *Working part-time;  
else if 35 <= XHRS2012 <= 100 then XFTP2012 = 1; *Working full-time;  
else if XHRS2012 = 999 then XFTP2012 = 99; *Working, but working time unknown;  
end;  
else if XLFS2012 in (2,3) then XFTP2012 = 3; *Not working (unemployed or NILF);  
end;
```

## Full-time or part-time employment status

### *XFTP2013*

#### Variable details

Cohort	Y09
Variable name	XFTP2013
Variable label	Derived: XFTP2013 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2013 = 1 then do;  
if XLFS2013 = 1 then do;  
if 0 < XHRS2013 < 35 then XFTP2013 = 2; *Working part-time;  
else if 35 <= XHRS2013 <= 100 then XFTP2013 = 1; *Working full-time;  
else if XHRS2013 = 999 then XFTP2013 = 99; *Working, but working time unknown;  
end;  
else if XLFS2013 in (2,3) then XFTP2013 = 3; *Not working (unemployed or NILF);  
end;
```

## Full-time or part-time employment status

### *XFTP2014*

#### Variable details

Cohort	Y09
Variable name	XFTP2014
Variable label	Derived: XFTP2014 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2014 = 1 then do;  
if XLFS2014 = 1 then do;  
if 0 < XHRS2014 < 35 then XFTP2014 = 2; *Working part-time;  
else if 35 <= XHRS2014 <= 100 then XFTP2014 = 1; *Working full-time;  
else if XHRS2014 = 999 then XFTP2014 = 99; *Working, but working time unknown;  
end;  
else if XLFS2014 in (2,3) then XFTP2014 = 3; *Not working (unemployed or NILF);  
end;
```

## Full-time or part-time employment status

### *XFTP2015*

#### Variable details

Cohort	Y09
Variable name	XFTP2015
Variable label	Derived: XFTP2015 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2015 = 1 then do;  
if XLFS2015 = 1 then do;  
if 0 < XHRS2015 < 35 then XFTP2015 = 2; *Working part-time;  
else if 35 <= XHRS2015 <= 100 then XFTP2015 = 1; *Working full-time;  
else if XHRS2015 = 999 then XFTP2015 = 99; *Working, but working time unknown;  
end;  
else if XLFS2015 in (2,3) then XFTP2015 = 3; *Not working (unemployed or NILF);  
end;
```

## Full-time or part-time employment status

### *XFTP2016*

#### Variable details

Cohort	Y09
Variable name	XFTP2016
Variable label	Derived: XFTP2016 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2016 = 1 then do;  
if XLFS2016 = 1 then do;  
if 0 < XHRS2016 < 35 then XFTP2016 = 2; *Working part-time;  
else if 35 <= XHRS2016 <= 100 then XFTP2016 = 1; *Working full-time;  
else if XHRS2016 = 999 then XFTP2016 = 99; *Working, but working time unknown;  
end;  
end;
```

## Full-time or part-time employment status

### *XFTP2017*

#### Variable details

Cohort	Y09
Variable name	XFTP2017
Variable label	Derived: XFTP2017 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2017 = 1 then do;

if XLFS2017 = 1 then do;
if LID011 not in (.,999) then XHRS2017 = LID011;
else if LID012 not in (.,999) then XHRS2017 = LID012;
else if LID013 not in (.,999) then XHRS2017 = LID013;
/* Working, but weekly hours worked unknown */
else if LID011 in (.,999) or LID012 in (.,999) or LID013 in (.,999) then XHRS2017 = 999;
end;
```

```
else if XLFS2017 in (2,3) then XHRS2017 = 998; *Not working (unemployed or NILF);
```

```
end;
```

## Full-time or part-time employment status

### *XFTP2018*

#### Variable details

Cohort	Y09
Variable name	XFTP2018
Variable label	Derived: XFTP2018 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2018 = 1 then do;  
  
if XLFS2018= 1 then do;  
if 0 < XHRS2018 < 35 then XFTP2018 = 2; *Working part-time;  
else if 35 <= XHRS2018 <= 100 then XFTP2018 = 1; *Working full-time;  
else if XHRS2018 = 999 then XFTP2018 = 99; *Working, but working time unknown;  
end;  
  
else if XLFS2018 in (2,3) then XFTP2018 = 3; *Not working (unemployed or NILF);
```



```
end;
```

## Full-time or part-time employment status

### *XFTP2019*

#### Variable details

Cohort	Y09
Variable name	XFTP2019
Variable label	Derived: XFTP2019 Full-time or part-time employment status
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The full-time or part-time employment status at the time of interview.

#### Formats

1 = 1 Full-time  
2 = 2 Part-time  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but working time unknown

#### Notes

This indicator categorises respondents as: employed full-time, employed part-time, not working (which includes those who are unemployed or not in the labour force), or working but their working time is unknown.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

The 'Working, but working time unknown' category includes respondents who reported they are not working but are waiting to start work.

#### Syntax

```
if in2019 = 1 then do;  
if XLFS2019= 1 then do;  
if 0 < XHRS2019 < 35 then XFTP2019 = 2; *Working part-time;  
else if 35 <= XHRS2019 <= 100 then XFTP2019 = 1; *Working full-time;  
else if XHRS2019 = 999 then XFTP2019 = 99; *Working, but working time unknown;  
end;  
  
else if XLFS2019 in (2,3) then XFTP2019 = 3; *Not working (unemployed or NILF);  
end;
```

## Permanent or casual employment

### *XEMP2009*

#### Variable details

Cohort	Y09
Variable name	XEMP2009
Variable label	Derived: XEMP2009 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	1

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2009 = 1 then do;  
  
if XLFS2009 = 1 then XEMP2009 = 99; *Working, but employment status unknown;  
else if XLFS2009 in (2,3,99) then XEMP2009 = 3; *Not working (unemployed or NILF) - includes unknown labour force status;
```

```
end;
```

## Permanent or casual employment

### *XEMP2010*

#### Variable details

Cohort	Y09
Variable name	XEMP2010
Variable label	Derived: XEMP2010 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2010 = 1 then do;  
  
if XLFS2010 = 1 then do;  
if LBD019 = 1 then XEMP2010 = 1; *Ongoing/permanent;  
else if LBD019 in (0,3) then XEMP2010 = 2; *Casual - includes unknown job entitlements;
```

```
else if LBD001 = 3 or LBD007 in (2,3) then XEMP2010 = 99; *Working, but employment status unknown - includes those waiting to start job, and those who are self-employed;
```

```
end;
```

```
else if XLFS2010 in (2,3) then XEMP2010 = 3; *Not working (unemployed or NILF);
```

```
end;
```

# Permanent or casual employment

## *XEMP2011*

### Variable details

Cohort	Y09
Variable name	XEMP2011
Variable label	Derived: XEMP2011 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	3

### Description

The permanent or casual employment status at the time of interview.

### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

```
if in2011 = 1 then do;  
  
if XLFS2011 = 1 then do;  
if LCD025 = 1 then XEMP2011 = 1; *Ongoing/permanent;  
else if LCD025 in (0,3) then XEMP2011 = 2; *Casual - includes unknown job entitlements;
```

```
else if LCD001 = 3 or LCD018 = 2 then XEMP2011 = 99; *Working, but employment status unknown - includes those waiting to start job, and those who are self-employed;
```

```
end;
```

```
else if XLFS2011 in (2,3) then XEMP2011 = 3; *Not working (unemployed or NILF);
```

```
end;
```



## Permanent or casual employment

### *XEMP2012*

#### Variable details

Cohort	Y09
Variable name	XEMP2012
Variable label	Derived: XEMP2012 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2012 = 1 then do;  
  
if XLFS2012 = 1 then do;  
if LDD025 = 1 then XEMP2012 = 1; *Ongoing/permanent;  
else if LDD025 in (0,3) then XEMP2012 = 2; *Casual - includes unknown job entitlements;
```

```
else if LDD001 = 3 or LDD017 = 2 then XEMP2012 = 99; *Working, but employment status unknown -  
includes those waiting to start job, and those who are self-employed;
```

```
end;
```

```
else if XLFS2012 in (2,3) then XEMP2012 = 3; *Not working (unemployed or NILF);
```

```
end;
```

## Permanent or casual employment

### *XEMP2013*

#### Variable details

Cohort	Y09
Variable name	XEMP2013
Variable label	Derived: XEMP2013 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2013 = 1 then do;  
  
if XLFS2013 = 1 then do;  
if LED025 = 1 then XEMP2013 = 1; *Ongoing/permanent;  
else if LED025 in (0,3) then XEMP2013 = 2; *Casual - includes unknown job entitlements;
```

```
else if LED001 = 3 or LED017 = 2 then XEMP2013 = 99; *Working, but employment status unknown -  
includes those waiting to start job, and those who are self-employed;  
end;  
  
else if XLFS2013 in (2,3) then XEMP2013 = 3; *Not working (unemployed or NILF);  
  
end;
```

## Permanent or casual employment

### *XEMP2014*

#### Variable details

Cohort	Y09
Variable name	XEMP2014
Variable label	Derived: XEMP2014 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2014 = 1 then do;  
  
if XLFS2014 = 1 then do;  
if LFD022 = 1 then XEMP2014 = 1; *Ongoing/permanent;  
else if LFD022 in (0,3) then XEMP2014 = 2; *Casual - includes unknown job entitlements;
```

```
else if LFD001 = 3 or LFD014 = 2 then XEMP2014 = 99; *Working, but employment status unknown -  
includes those waiting to start job, and those who are self-employed;  
end;  
  
else if XLFS2014 in (2,3) then XEMP2014 = 3; *Not working (unemployed or NILF);  
  
end;
```

## Permanent or casual employment

### *XEMP2015*

#### Variable details

Cohort	Y09
Variable name	XEMP2015
Variable label	Derived: XEMP2015 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2015 = 1 then do;  
  
if XLFS2015 = 1 then do;  
if LGD022 = 1 then XEMP2015 = 1; *Ongoing/permanent;  
else if LGD022 in (0,3) then XEMP2015 = 2; *Casual - includes unknown job entitlements;
```

```
else if LGD001 = 3 or LGD014 = 2 then XEMP2015 = 99; *Working, but employment status unknown -  
includes those waiting to start job, and those who are self-employed;
```

```
end;
```

```
else if XLFS2015 in (2,3) then XEMP2015 = 3; *Not working (unemployed or NILF);
```

```
end;
```



## Permanent or casual employment

### *XEMP2016*

#### Variable details

Cohort	Y09
Variable name	XEMP2016
Variable label	Derived: XEMP2016 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2016 = 1 then do;  
  
if XLFS2016 = 1 then do;  
if LHD022 = 1 then XEMP2016 = 1; *Ongoing/permanent;  
else if LHD022 in (0,3) then XEMP2016 = 2; *Casual - includes unknown job entitlements;
```

```
else if LHD001 = 3 or LHD014 = 2 then XEMP2016 = 99; *Working, but employment status unknown -  
includes those waiting to start job, and those who are self-employed;  
end;  
  
else if XLFS2016 in (2,3) then XEMP2016 = 3; *Not working (unemployed or NILF);  
  
end;
```

## Permanent or casual employment

### *XEMP2017*

#### Variable details

Cohort	Y09
Variable name	XEMP2017
Variable label	Derived: XEMP2017 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2017 = 1 then do;  
  
if XLFS2017 = 1 then do;  
if LID022 = 1 then XEMP2017 = 1; *Ongoing/permanent;  
else if LID022 in (0,3) then XEMP2017 = 2; *Casual - includes unknown job entitlements;
```

```
else if LID001 = 3 or LID014 = 2 then XEMP2017 = 99; *Working, but employment status unknown -  
includes  
those waiting to start job, and those who are self employed;  
end;  
  
else if XLFS2017 in (2,3) then XEMP2017 = 3; *Not working (unemployed or NILF);  
end;
```

## Permanent or casual employment

### *XEMP2018*

#### Variable details

Cohort	Y09
Variable name	XEMP2018
Variable label	Derived: XEMP2018 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The permanent or casual employment status at the time of interview.

#### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

#### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

#### Syntax

```
if in2018 = 1 then do;  
  
if XLFS2018 = 1 then do;  
if LJD022 = 1 then XEMP2018 = 1; *Ongoing/permanent;  
else if LJD022 in (0,3) then XEMP2018 = 2; *Casual - includes unknown job entitlements;
```

```
else if LJD001 = 3 or LJD014 = 2 then XEMP2018 = 99; *Working, but employment status unknown -  
includes  
those waiting to start job, and those who are self employed;  
*LJD001 = Currently work in a job / business / farm;  
end;  
  
else if XLFS2018 in (2,3) then XEMP2018 = 3; *Not working (unemployed or NILF);  
  
end;
```

# Permanent or casual employment

## *XEMP2019*

### Variable details

Cohort	Y09
Variable name	XEMP2019
Variable label	Derived: XEMP2019 Permanent or casual employment
Topic area	Employment
Data type	Numeric
Survey wave	11

### Description

The permanent or casual employment status at the time of interview.

### Formats

1 = 1 Permanent/ongoing  
2 = 2 Casual  
3 = 3 Not working (unemployed or NILF)  
99 = 99 Working, but employment status unknown

### Notes

This indicator categorises respondents as: permanent or ongoing, casual, not working (which includes those who are unemployed or not in the labour force), or working but their permanent or casual employment status is unknown.

The permanent or casual employment status is derived by using responses to questions about whether the respondent is entitled to paid annual or sick leave.

The category 'Permanent/ongoing' includes respondents who are entitled to paid annual or sick leave. The category 'Casual' includes respondents who are not entitled to paid annual or sick leave or who do not know if they are receiving annual or sick leave.

The category 'Working, but employment status unknown' includes respondents who are self-employed or are waiting to start work.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

```
if in2019 = 1 then do;  
if XLFS2019 = 1 then do;  
if LKD022 = 1 then XEMP2019 = 1; *Ongoing/permanent;  
else if LKD022 in (0,3) then XEMP2019 = 2; *Casual - includes unknown job entitlements;
```

```
else if LKD001 = 3 or LKD014 = 2 then XEMP2019 = 99; *Working, but employment status unknown -
includes
those waiting to start job, and those who are self employed;
*LKD001 = Currently work in a job / business / farm;
end;
else if XLFS2019 in (2,3) then XEMP2019 = 3; *Not working (unemployed or NILF);
end;
```



## Status in apprenticeship/traineeship

### *XATR2009*

#### Variable details

Cohort	Y09
Variable name	XATR2009
Variable label	Derived: XATR2009 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	1

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
/* At school - assume no respondent has commenced an apprenticeship/traineeship */  
XATR2009 = 4;
```

## Status in apprenticeship/traineeship

### *XATR2010*

#### Variable details

Cohort	Y09
Variable name	XATR2010
Variable label	Derived: XATR2010 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2010 = 1 then do;  
  
/* Still at school - never commenced */  
if LBA001 = 1 then XATR2010 = 4;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
else if LBCD017 = 1 or XATR2009 = 2 then XATR2010 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LBCD007 = 1 or LBC082 in (1,2) then XATR2010 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LBCD017 in (2,3,4) then XATR2010 = 3;
```

```
/* Never commenced */  
else XATR2010 = 4;  
  
end;
```

## Status in apprenticeship/traineeship

### *XATR2011*

#### Variable details

Cohort	Y09
Variable name	XATR2011
Variable label	Derived: XATR2011 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2011 = 1 then do;  
  
/* Still at school - never commenced */  
if LCA001 = 1 then XATR2011 = 4;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
else if LCCD018 = 1 or XATR2010 = 2 then XATR2011 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LCCD007 = 1 or LCCD007A = 1 or LCC081 in (1,2) then XATR2011 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LCCD018 in (2,3,4) then XATR2011 = 3;
```

```
/* Else assume same as previous year or year before */  
else if XATR2010 in (2,3,4) then XATR2011 = XATR2010;  
else if XATR2009 in (2,3,4) then XATR2011 = XATR2009;  
  
end;
```

## Status in apprenticeship/traineeship

### *XATR2012*

#### Variable details

Cohort	Y09
Variable name	XATR2012
Variable label	Derived: XATR2012 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2012 = 1 then do;  
  
/* Still at school - never commenced */  
if LDA001 = 1 then XATR2012 = 4;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
else if LDCD018 = 1 or XATR2011 = 2 then XATR2012 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LDCD007 = 1 or LDCD007A = 1 or LDC081 in (1,2) then XATR2012 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LDCD018 in (2,3,4) then XATR2012 = 3;
```

```
/* Else assume same as previous year or year before */  
else if XATR2011 in (2,3,4) then XATR2012 = XATR2011;  
else if XATR2010 in (2,3,4) then XATR2012 = XATR2010;  
  
end;
```

## Status in apprenticeship/traineeship

### *XATR2013*

#### Variable details

Cohort	Y09
Variable name	XATR2013
Variable label	Derived: XATR2013 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2013 = 1 then do;  
  
/* Still at school - never commenced */  
if LEA001 = 1 then XATR2013 = 4;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
else if LECD018 = 1 or XATR2012 = 2 then XATR2013 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LECD007 = 1 or LECD007A = 1 or LEC081 in (1,2) then XATR2013 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LECD018 in (2,3,4) then XATR2013 = 3;
```



```
/* Else assume same as previous year or year before */  
else if XATR2012 in (2,3,4) then XATR2013 = XATR2012;  
else if XATR2011 in (2,3,4) then XATR2013 = XATR2011;  
  
end;
```

## Status in apprenticeship/traineeship

### *XATR2014*

#### Variable details

Cohort	Y09
Variable name	XATR2014
Variable label	Derived: XATR2014 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2014 = 1 then do;  
  
/* Still at school - never commenced */  
if LFA001 = 1 then XATR2014 = 4;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
else if LFC018 = 1 or XATR2013 = 2 then XATR2014 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LFC007 = 1 or LFC007A = 1 or LFC081 in (1,2) then XATR2014 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LFC018 in (2,3,4) then XATR2014 = 3;
```

```
/* Else assume same as previous year or year before */  
else if XATR2013 in (2,3,4) then XATR2014 = XATR2013;  
else if XATR2012 in (2,3,4) then XATR2014 = XATR2012;  
else if XATR2011 in (2,3,4) then XATR2014 = XATR2011;  
  
end;
```

## Status in apprenticeship/traineeship

### *XATR2015*

#### Variable details

Cohort	Y09
Variable name	XATR2015
Variable label	Derived: XATR2015 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2015 = 1 then do;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
if LGCD018 = 1 or XATR2014 = 2 then XATR2015 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LGCD007 = 1 or LGCD007A = 1 or LGC081 in (1,2) then XATR2015 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LGCD018 in (2,3,4) then XATR2015 = 3;  
  
/* Else assume same as previous year or year before */  
else if XATR2014 in (2,3,4) then XATR2015 = XATR2014;
```

```
else if XATR2013 in (2,3,4) then XATR2015 = XATR2013;
else if XATR2012 in (2,3,4) then XATR2015 = XATR2012;

/*Else reset to 'never commenced' */
else XATR2015 = 4;

end;
```

## Status in apprenticeship/traineeship

### *XATR2016*

#### Variable details

Cohort	Y09
Variable name	XATR2016
Variable label	Derived: XATR2016 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2016 = 1 then do;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
if LHCD018 = 1 or XATR2015 = 2 then XATR2016 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LHCD007 = 1 or LHCD007A = 1 or LHC081 in (1,2) then XATR2016 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LHCD018 in (2,3,4) then XATR2016 = 3;  
  
/* Else assume same as previous year or year before */  
else if XATR2015 in (2,3,4) then XATR2016 = XATR2015;
```

```
else if XATR2014 in (2,3,4) then XATR2016 = XATR2014;
else if XATR2013 in (2,3,4) then XATR2016 = XATR2013;

/*Else reset to 'never commenced' */
else XATR2016 = 4;

end;
```

## Status in apprenticeship/traineeship

### *XATR2017*

#### Variable details

Cohort	Y09
Variable name	XATR2017
Variable label	Derived: XATR2017 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2017 = 1 then do;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
if LICD018 = 1 or XATR2016 = 2 then XATR2017 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LICD007 = 1 or LICD007A = 1 or LIC081 in (1,2) then XATR2017 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LICD018 in (2,3,4) then XATR2017 = 3;  
  
/* Else assume same as previous year or year before */  
else if XATR2016 in (2,3,4) then XATR2017 = XATR2016;
```



```
else if XATR2015 in (2,3,4) then XATR2017 = XATR2015;  
else if XATR2014 in (2,3,4) then XATR2017 = XATR2014;  
else if XATR2013 in (2,3,4) then XATR2017 = XATR2013;
```

```
/*Else reset to 'never commenced' */
```

```
else XATR2017 = 4;
```

```
end;
```

## Status in apprenticeship/traineeship

### *XATR2018*

#### Variable details

Cohort	Y09
Variable name	XATR2018
Variable label	Derived: XATR2018 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2018 = 1 then do;  
  
/* Completed apprenticeship/traineeship this year or in previous year */  
if LJCD018 = 1 or XATR2017 = 2 then XATR2018 = 2;  
  
/* Still doing apprenticeship/traineeship */  
else if LJCD007 = 1 or LJCD007A = 1 or LJC081 in (1,2) then XATR2018 = 1;  
  
/* Started but did not complete apprenticeship/traineeship */  
else if LJCD018 in (2,3,4) then XATR2018 = 3;  
  
/* Else assume same as previous year or year before */  
else if XATR2017 in (2,3,4) then XATR2018 = XATR2017;
```

```
else if XATR2016 in (2,3,4) then XATR2018 = XATR2016;
else if XATR2015 in (2,3,4) then XATR2018 = XATR2015;
else if XATR2014 in (2,3,4) then XATR2018 = XATR2014;
else if XATR2013 in (2,3,4) then XATR2018 = XATR2013;

/*Else reset to 'never commenced' */
else XATR2018 = 4;

end;
```

## Status in apprenticeship/traineeship

### *XATR2019*

#### Variable details

Cohort	Y09
Variable name	XATR2019
Variable label	Derived: XATR2019 Status in apprenticeship/traineeship
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The apprenticeship or traineeship status at the time of interview.

#### Formats

1 = 1 Currently undertaking  
2 = 2 Completed  
3 = 3 Commenced, but did not complete  
4 = 4 Never commenced

#### Notes

This indicator categorises respondents as: currently undertaking an apprenticeship or traineeship, having ever completed an apprenticeship or traineeship, having ever commenced but did not complete an apprenticeship or traineeship, or having never commenced an apprenticeship or traineeship.

#### Syntax

```
if in2019 = 1 then do;  
/* Completed apprenticeship/traineeship this year or in previous year */  
if LKCD018 = 1 or XATR2018 = 2 then XATR2019 = 2;  
/* Any other formal qualifications (A/T) completed since leaving secondary school */  
else if LKC105F = 1 or LKC105G = 1 then XATR2019 = 2 ;  
/* Still doing apprenticeship/traineeship */  
else if LKCD007 = 1 or LKCD007A = 1 or LKC081 in (1,2) then XATR2019 = 1;  
/* Started but did not complete apprenticeship/traineeship */  
else if LKCD018 in (2,3,4) then XATR2019 = 3;  
/* Else assume same as previous year or year before */  
else if XATR2018 in (2,3,4) then XATR2019 = XATR2018;  
else if XATR2017 in (2,3,4) then XATR2019 = XATR2017;  
else if XATR2016 in (2,3,4) then XATR2019 = XATR2016;
```

```
else if XATR2015 in (2,3,4) then XATR2019 = XATR2015;
else if XATR2014 in (2,3,4) then XATR2019 = XATR2014;
else if XATR2013 in (2,3,4) then XATR2019 = XATR2013;
/*Else reset to 'never commenced' */
else XATR2019 = 4;
end;
```

## Job mobility during last year

### *XMOB2009*

#### Variable details

Cohort	Y09
Variable name	XMOB2009
Variable label	Derived: XMOB2009 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	1

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

if in2009 = 1 then XMOB2009 = 99; \*Unknown or not in the labour force;

## Job mobility during last year

### *XMOB2010*

#### Variable details

Cohort	Y09
Variable name	XMOB2010
Variable label	Derived: XMOB2010 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2010 = 1 then do;

if XLFS2010 = 1 then do;
if XLFS2009 = 1 then XMOB2010 = 99; *Unknown;
else if XLFS2009 in (2,3) then XMOB2010 = 3; *Gained employment since last survey;
else if XLFS2009 = 99 then XMOB2010 = 99; *Unknown labour force status in 2009;
end;
else if XLFS2010 in (2,3) then do;
if XLFS2009 = 1 then XMOB2010 = 4; *No longer employed since last survey;
else if XLFS2009 in (2,3) then XMOB2010 = 99; *Not in the labour force;
else if XLFS2009 = 99 then XMOB2010 = 99; *Not in the labour force;
end; end;
```

## Job mobility during last year

### *XMOB2011*

#### Variable details

Cohort	Y09
Variable name	XMOB2011
Variable label	Derived: XMOB2011 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2011 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2010) then XLFS2010 = XLFS2009;

if XLFS2011 = 1 then do;
if XLFS2010 = 1 and (LCD007 in (1,4) or (LCCD009 = 1 and LCD007 not in (3))) then XMOB2011 = 1; *Same employer/job as last survey;
else if XLFS2010 = 1 and (LCD007 = 0 or LCCD009 = 0) then XMOB2011 = 2; *Different employer/job from last survey;
else if (XLFS2010 in (2,3) or LCD007 = 3) then XMOB2011 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2010 = 1 and (missing(LCD007))) or LCD001 = 3 then XMOB2011 = 99;
```



```
end;

else if XLFS2011 in (2,3) then do;
if XLFS2010 = 1 then XMOB2011 = 4; *No longer employed since last survey;
else if XLFS2010 in (2,3) then XMOB2011 = 99; *Not in the labour force;
end;

end;

/* Reset labour force status from previous wave for those not in the previous wave */
if missing(in2010) then XLFS2010 = .;
```

## Job mobility during last year

### *XMOB2012*

#### Variable details

Cohort	Y09
Variable name	XMOB2012
Variable label	Derived: XMOB2012 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2012 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2011) then XLFS2011 = XLFS2010;

if XLFS2012 = 1 then do;
if XLFS2011 = 1 and (LDD007 in (1,4) or (LDCD009 = 1 and LDD007 not in (3))) then XMOB2012 = 1; *Same employer/job as last survey;
else if XLFS2011 = 1 and (LDD007 = 0 or LDCD009 = 0) then XMOB2012 = 2; *Different employer/job from last survey;
else if (XLFS2011 in (2,3) or LDD007 = 3) then XMOB2012 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2011 = 1 and (missing(LDD007))) or LDD001 = 3 then XMOB2012 = 99;
```

```
end;

else if XLFS2012 in (2,3) then do;
if XLFS2011 = 1 then XMOB2012 = 4; *No longer employed since last survey;
else if XLFS2011 in (2,3) then XMOB2012 = 99; *Not in the labour force;
end;

end;

/* Reset labour force status from previous wave for those not in the previous wave */
if missing(in2011) then XLFS2011 = .;
```

## Job mobility during last year

### *XMOB2013*

#### Variable details

Cohort	Y09
Variable name	XMOB2013
Variable label	Derived: XMOB2013 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2013 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2012) then XLFS2012 = XLFS2011;

if XLFS2013 = 1 then do;
if XLFS2012 = 1 and (LED007 in (1,4) or (LECD009 = 1 and LED007 not in (3))) then XMOB2013 = 1; *Same employer/job as last survey;
else if XLFS2012 = 1 and (LED007 = 0 or LECD009 = 0) then XMOB2013 = 2; *Different employer/job from last survey;
else if (XLFS2012 in (2,3) or LED007 = 3) then XMOB2013 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2012 = 1 and (missing(LED007))) or LED001 = 3 then XMOB2013 = 99;
```

```
end;  
  
else if XLFS2013 in (2,3) then do;  
if XLFS2012 = 1 then XMOB2013 = 4; *No longer employed since last survey;  
else if XLFS2012 in (2,3) then XMOB2013 = 99; *Not in the labour force;  
end;  
  
end;  
  
/* Reset labour force status from previous wave for those not in the previous wave */  
if missing(in2012) then XLFS2012 = .;
```

## Job mobility during last year

### *XMOB2014*

#### Variable details

Cohort	Y09
Variable name	XMOB2014
Variable label	Derived: XMOB2014 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2014 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2013) then XLFS2013 = XLFS2012;

if XLFS2014 = 1 then do;
if XLFS2013 = 1 and (LFD007 in (1,4) or (LFCD009 = 1 and LFD007 not in (3))) then XMOB2014 = 1; *Same employer/job as last survey;
else if XLFS2013 = 1 and (LFD007 = 0 or LFCD009 = 0) then XMOB2014 = 2; *Different employer/job from last survey;
else if (XLFS2013 in (2,3) or LFD007 = 3) then XMOB2014 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2013 = 1 and (missing(LFD007))) or LFD001 = 3 then XMOB2014 = 99;
```

```
end;  
  
else if XLFS2014 in (2,3) then do;  
if XLFS2013 = 1 then XMOB2014 = 4; *No longer employed since last survey;  
else if XLFS2013 in (2,3) then XMOB2014 = 99; *Not in the labour force;  
end;  
  
end;  
  
/* Reset labour force status from previous wave for those not in the previous wave */  
if missing(in2013) then XLFS2013 = .;
```

## Job mobility during last year

### *XMOB2015*

#### Variable details

Cohort	Y09
Variable name	XMOB2015
Variable label	Derived: XMOB2015 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2015 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2014) then XLFS2014 = XLFS2013;

if XLFS2015 = 1 then do;
if XLFS2014 = 1 and (LGD007 in (1,4) or (LGCD009 = 1 and LGD007 not in (3))) then XMOB2015 = 1; *Same employer/job as last survey;
else if XLFS2014 = 1 and (LGD007 = 0 or LGCD009 = 0) then XMOB2015 = 2; *Different employer/job from last survey;
else if (XLFS2014 in (2,3) or LGD007 = 3) then XMOB2015 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2014 = 1 and (missing(LGD007))) or LGD001 = 3 then XMOB2015 = 99;
```



```
end;

else if XLFS2015 in (2,3) then do;
if XLFS2014 = 1 then XMOB2015 = 4; *No longer employed since last survey;
else if XLFS2014 in (2,3) then XMOB2015 = 99; *Not in the labour force;
end;

end;

/* Reset labour force status from previous wave for those not in the previous wave */
if missing(in2014) then XLFS2014 = .;
```

## Job mobility during last year

### *XMOB2016*

#### Variable details

Cohort	Y09
Variable name	XMOB2016
Variable label	Derived: XMOB2016 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2016 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2015) then XLFS2015 = XLFS2014;

if XLFS2016 = 1 then do;
if XLFS2015 = 1 and (LHD007 in (1,4) or (LHCD009 = 1 and LHD007 not in (3))) then XMOB2016 = 1; *Same employer/job as last survey;
else if XLFS2015 = 1 and (LHD007 = 0 or LHCD009 = 0) then XMOB2016 = 2; *Different employer/job from last survey;
else if (XLFS2015 in (2,3) or LHD007 = 3) then XMOB2016 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2015 = 1 and (missing(LHD007))) or LHD001 = 3 then XMOB2016 = 99;
```

```
end;  
  
else if XLFS2016 in (2,3) then do;  
if XLFS2015 = 1 then XMOB2016 = 4; *No longer employed since last survey;  
else if XLFS2015 in (2,3) then XMOB2016 = 99; *Not in the labour force;  
end;  
  
end;  
  
/* Reset labour force status from previous wave for those not in the previous wave */  
if missing(in2015) then XLFS2015 = .;
```

## Job mobility during last year

### *XMOB2017*

#### Variable details

Cohort	Y09
Variable name	XMOB2017
Variable label	Derived: XMOB2017 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2017 = 1 then do;  
  
/* Use labour force status from two years prior if not in previous wave */  
if missing(XLFS2016) then XLFS2016 = XLFS2015;  
  
if XLFS2017 = 1 then do;  
if XLFS2016 = 1 and (LID007 in (1,4) or (LICD009 = 1 and LID007 not in (3))) then XMOB2017 = 1; *Same  
employer/job as last survey;  
else if XLFS2016 = 1 and (LID007 = 0 or LICD009 = 0) then XMOB2017 = 2; *Different employer/job from  
last survey;  
else if (XLFS2016 in (2,3) or LID007 = 3) then XMOB2017 = 3; *Gained employment since last survey;  
/* Unknown, includes those who are/were waiting to start a job */  
else if (XLFS2016 = 1 and (missing(LID007))) or LID001 = 3 then XMOB2017 = 99;
```

```
end;
```

```
else if XLFS2017 in (2,3) then do;
```

```
if XLFS2016 = 1 then XMOB2017 = 4; *No longer employed since last survey;
```

```
else if XLFS2016 in (2,3) then XMOB2017 = 99; *Not in the labour force;
```

```
end;
```

```
end;
```

## Job mobility during last year

### *XMOB2018*

#### Variable details

Cohort	Y09
Variable name	XMOB2018
Variable label	Derived: XMOB2018 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2018 = 1 then do;

/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2017) then XLFS2017 = XLFS2016;
if XLFS2018 = 1 then do;
if XLFS2017 = 1 and (LJD007 in (1,4) or (LJCD009 = 1 and LJD007 not in (3))) then XMOB2018 = 1; *Same
employer/job as last survey;
else if XLFS2017 = 1 and (LJD007 = 0 or LJCD009 = 0) then XMOB2018 = 2; *Different employer/job from
last survey;
else if (XLFS2017 in (2,3) or LJD007 = 3) then XMOB2018 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2017 = 1 and (missing(LJD007))) or LJD001 = 3 then XMOB2018 = 99;
end;
```

```
else if XLFS2018 in (2,3) then do;  
if XLFS2017 = 1 then XMOB2018 = 4; *No longer employed since last survey;  
else if XLFS2017 in (2,3) then XMOB2018 = 99; *Not in the labour force;  
end;  
  
end;
```

## Job mobility during last year

### *XMOB2019*

#### Variable details

Cohort	Y09
Variable name	XMOB2019
Variable label	Derived: XMOB2019 Job mobility during last year
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The job mobility at the time of interview.

#### Formats

1 = 1 Same employer/job as last survey  
2 = 2 Different employer/job from last survey  
3 = 3 Gained employment since last survey  
4 = 4 No longer employed since last survey  
99 = 99 Unknown or not in the labour force

#### Notes

This indicator categorises respondents as: having the same employer or job as reported at the last survey, having a different employer/job from last survey, having gained employment since last survey, no longer employed since last survey, unknown or not in the labour force.

#### Syntax

```
if in2019 = 1 then do;
/* Use labour force status from two years prior if not in previous wave */
if missing(XLFS2018) then XLFS2018 = XLFS2017;
if XLFS2019 = 1 then do;
if XLFS2018 = 1 and (LKD007 in (1,4) or (LKCD009 = 1 and LKD007 not in (3))) then XMOB2019 = 1; *Same employer/job as last survey;
else if XLFS2018 = 1 and (LKD007 = 0 or LKCD009 = 0) then XMOB2019 = 2; *Different employer/job from last survey;
else if (XLFS2018 in (2,3) or LKD007 = 3) then XMOB2019 = 3; *Gained employment since last survey;
/* Unknown, includes those who are/were waiting to start a job */
else if (XLFS2018 = 1 and (missing(LKD007))) or LKD001 = 3 then XMOB2019 = 99;
end;
```



```
else if XLFS2019 in (2,3) then do;
if XLFS2018 = 1 then XMOB2019 = 4; *No longer employed since last survey;
else if XLFS2018 in (2,3) then XMOB2019 = 99; *Not in the labour force;
end;
end;
/* Reset labour force status from previous wave for those not in the previous wave */
if missing(in2018) then XLFS2018 = .;
```

## Average weekly pay

*XWKP2009*

### Variable details

Cohort	Y09
Variable name	XWKP2009
Variable label	Derived: XWKP2009 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The average weekly pay at the time of interview.

### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

### Syntax

```
if in2009 = 1 then do;

if XLFS2009 = 1 then do;
if ST72N01 not in (9999) then do;
/* Provided weekly pay */
if ST72N03 = 2 then XWKP2009 = (ST72N01+(ST72N02/100));
/* Provided fortnightly pay */
else if ST72N03 = 3 then XWKP2009 = ((ST72N01+(ST72N02/100))/2);
/* Provided monthly pay */
```

```
else if ST72N03 = 4 then XWKP2009 = ((ST72N01+(ST72N02/100))/4);
/* Provided hourly pay */
else if ST72N03 = 1 then do;
if XHRS2009 not in (999) then XWKP2009 = ((ST71N01+ST71N02)*(ST72N01+(ST72N02/100)));
else if XHRS2009 = 999 then XWKP2009 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;
/* Rate of pay unknown */
else if ST72N03 = 9 then XWKP2009 = 99999;
end;
/* Pay amount unknown */
else if ST72N01 = 9999 then XWKP2009 = 99999;
end;

else if XLFS2009 in (2,3,99) then XWKP2009 = 99998; *Not working (unemployed or NILF) - includes
unknown labour force status;

end;
```

# Average weekly pay

## *XWKP2010*

### Variable details

Cohort	Y09
Variable name	XWKP2010
Variable label	Derived: XWKP2010 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	2

### Description

The average weekly pay at the time of interview.

### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

### Syntax

```
if in2010 = 1 then do;  
  
if XLFS2010 = 1 then do;  
/* Provided (weekly/fortnightly/monthly) pay */  
if LBD009 = 1 then do;  
/* Provided weekly pay */  
if LBD008 in (1,4) then XWKP2010 = LBD009A;  
/* Provided fortnightly pay */  
else if LBD008 = 2 then XWKP2010 = LBD009A/2;
```

```

/* Provided monthly pay */
else if LBD008 = 3 then XWKP2010 = LBD009A/4;
end;

/* Provided hourly pay */
else if LBD009 = 3 then do;
if XHRS2010 not in (999) then XWKP2010 = LBD010*XHRS2010;
else if XHRS2010 = 999 then XWKP2010 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LBD009 = 2 then XWKP2010 = LBD011/52;

/* Weekly business earnings (self-employed) */
else if LBD007 = 2 then do;
if LBD012 not in (99999) then XWKP2010 = LBD012;
else if LBD012 = 99999 then XWKP2010 = 99999; *Unknown - weekly business earnings unknown;
end;

/* Working, but unknown rate of pay, work in some other way or waiting to start job */
else if LBD009 = 4 then XWKP2010 = 99999; *Unknown - rate of pay unknown;
else if LBD007 = 3 then XWKP2010 = 99999; *Work in some other way (not wages/salary or self-
employed);
else if LBD001 = 3 then XWKP2010 = 99999; *Waiting to start job;
end;

else if XLFS2010 in (2,3) then XWKP2010 = 99998; *Not working (unemployed or NILF);

end;

```

## Average weekly pay

### *XWKP2011*

#### Variable details

Cohort	Y09
Variable name	XWKP2011
Variable label	Derived: XWKP2011 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2011 = 1 then do;  
  
if XLFS2011 = 1 then do;  
/* Provided (weekly/fortnightly/monthly) pay */  
if LCD020 not in (.) then do;  
/* Provided weekly pay */  
if LCD019 in (1,4) then XWKP2011 = LCD020;  
/* Provided fortnightly pay */  
else if LCD019 = 2 then XWKP2011 = LCD020/2;
```

```

/* Provided monthly pay */
else if LCD019 = 3 then XWKP2011 = LCD020/4;
end;

/* Provided hourly pay */
else if LCD021 not in (.) then do;
if XHRS2011 not in (999) then XWKP2011 = LCD021*XHRS2011;
else if XHRS2011 = 999 then XWKP2011 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LCD022 not in (.) then XWKP2011 = LCD022/52;

/* Weekly business earnings (self-employed) */
else if LCD018 = 2 then do;
if LCD023 not in (99999) then XWKP2011 = LCD023;
else if LCD023 = 99999 then XWKP2011 = 99999; *Unknown - weekly business earnings unknown;
end;

/* Working, but unknown rate of pay, work in some other way or waiting to start job */
else if LCD018 = 3 then XWKP2011 = 99999; *Work in some other way (not wages/salary or self-
employed);
else if LCD001 = 3 then XWKP2011 = 99999; *Waiting to start job;
else if missing(LCD020) and missing(LCD021) and missing(LCD022) and missing(LCD023)
then XWKP2011 = 99999; *Unknown - rate of pay unknown;
end;

else if XLFS2011 in (2,3) then XWKP2011 = 99998; *Not working (unemployed or NILF);

end;

```

## Average weekly pay

### *XWKP2012*

#### Variable details

Cohort	Y09
Variable name	XWKP2012
Variable label	Derived: XWKP2012 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2012 = 1 then do;  
  
if XLFS2012 = 1 then do;  
  
/* Specified before tax */  
if LDD023 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LDD019 = 1 then do;
```



```

/* Provided weekly pay */
if (LDD018 in (1,4) or LDD017 = 3) then XWKP2012 = LDD019BT;
/* Provided fortnightly pay */
else if LDD018 = 2 then XWKP2012 = LDD019BT/2;
/* Provided monthly pay */
else if LDD018 = 3 then XWKP2012 = LDD019BT/4;
end;

/* Provided hourly pay */
else if LDD019 = 3 then do;
if XHRS2012 not in (999) then XWKP2012 = LDD020BT*XHRS2012;
else if XHRS2012 = 999 then XWKP2012 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LDD019 = 2 then XWKP2012 = LDD021BT/52;

end;

/* Before tax (previously specified after tax) */
else if LDD023 = 2 then do;

if LDD024BT not in (999999) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LDD019 = 1 then do;
/* Provided weekly pay */
if (LDD018 in (1,4) or LDD017 = 3) then XWKP2012 = LDD024BT;
/* Provided fortnightly pay */
else if LDD018 = 2 then XWKP2012 = LDD024BT/2;
/* Provided monthly pay */
else if LDD018 = 3 then XWKP2012 = LDD024BT/4;
end;

/* Provided hourly pay */
else if LDD019 = 3 then do;
if XHRS2012 not in (999) then XWKP2012 = LDD024BT*XHRS2012;
else if XHRS2012 = 999 then XWKP2012 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */

```

```

else if LDD019 = 2 then XWKP2012 = LDD024BT/52;

/* Identify and re-code outliers to unknown. Outliers have been defined where the 'before tax' amounts
are more than twice the 'after tax' amounts. */
if LDD024BT/LDD019AT ge 2 then XWKP2012 = 99999;
if LDD024BT/LDD020AT ge 2 then XWKP2012 = 99999;
if LDD024BT/LDD021AT ge 2 then XWKP2012 = 99999;

end;

/* Provided after tax amount, but before tax amount unknown */
else if LDD024BT = 999999 then XWKP2012 = 99999;

end;

/* Weekly business earnings (self-employed) */
else if LDD017 = 2 then do;

if LDD022 not in (99999) then XWKP2012 = LDD022;
else if LDD022 = 99999 then XWKP2012 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LDD023 = 4 then XWKP2012 = 99999; *Unknown - tax status unknown;
else if LDD019 = 4 then XWKP2012 = 99999; *Unknown - rate of pay unknown;
else if LDD001 = 3 then XWKP2012 = 99999; *Waiting to start job;

end;

else if XLFS2012 in (2,3) then XWKP2012 = 99998; *Not working (unemployed or NILF);

end;

```

## Average weekly pay

### *XWKP2013*

#### Variable details

Cohort	Y09
Variable name	XWKP2013
Variable label	Derived: XWKP2013 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2013 = 1 then do;  
  
if XLFS2013 = 1 then do;  
  
/* Specified before tax */  
if LED023 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LED019 = 1 then do;
```

```

/* Provided weekly pay - includes those working in some other way */
if LED018 in (1,4) or LED017 = 3 then XWKP2013 = LED019BT;
/* Provided fortnightly pay */
else if LED018 = 2 then XWKP2013 = LED019BT/2;
/* Provided monthly pay */
else if LED018 = 3 then XWKP2013 = LED019BT/4;
end;

/* Provided hourly pay */
else if LED019 = 3 then do;
if XHRS2013 not in (999) then XWKP2013 = LED020BT*XHRS2013;
else if XHRS2013 = 999 then XWKP2013 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LED019 = 2 then XWKP2013 = LED021BT/52;

end;

/* Before tax (previously specified after tax) */
else if LED023 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LED024BT in (9999,999999) then XWKP2013 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LED024BT not in (9999,999999) then do;

if LED018 in (1,4) or LED017 = 3 then TEMP_AT = LED019AT;
else if LED018 = 2 then TEMP_AT = LED019AT/2;
else if LED018 = 3 then TEMP_AT = LED019AT/4;

/* Provided weekly pay - includes those working in some other way */
if LED024A = 3 then TEMP_BT = LED024BT;

/* Provided fortnightly pay */
else if LED024A = 4 then TEMP_BT = LED024BT/2;

/*Provided monthly pay*/
else if LED024A = 5 then TEMP_BT = LED024BT/4;

```

```

/* Provide hourly pay */
else if LED024A = 1 then do;
if XHRS2013 not in (999) then do;
TEMP_BT = LED024BT*XHRS2013;
if LED020AT ne . and LED019 = 3 then TEMP_AT = LED020AT*XHRS2013;
end;
else if XHRS2013 in (999) then XWKP2013 = 99999;
end;

/* Provided annual pay */
else if LED024A = 6 then do;
TEMP_BT = LED024BT/52;
if LED021AT ne . and LED019 = 2 then TEMP_AT = LED024AT/52;
end;

/* Provided daily pay */
else if LED024A = 2 then do;
TEMP_BT = LED024BT*7;
if LED021AT ne . and LED019 = 2 then TEMP_AT = LED021AT/52;
if LED020AT ne . and LED019 = 3 then TEMP_AT = LED020AT*XHRS2013;
end;

/* Don't know - but still provided a before-tax amount */
else if LED024A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LED019 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LED018 in (1,4) or LED017 = 3 then do;
TEMP_AT = LED019AT;
TEMP_BT = LED024BT;
end;
/* Provided fortnightly pay */
else if LED018 = 2 then do;
TEMP_AT = LED019AT/2;
TEMP_BT = LED024BT/2;
end;
/* Provided monthly pay */
else if LED018 = 3 then do;
TEMP_AT = LED019AT/4;
TEMP_BT = LED024BT/4;

```

```

end;

end;

/* Provided hourly pay */
else if LED019 = 3 then do;
if XHRS2013 not in (999) then do;
TEMP_AT = LED020AT*XHRS2013;
TEMP_BT = LED024BT*XHRS2013;
end;
else if XHRS2013 in (999) then XWKP2013 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LED019 = 2 then do;
TEMP_AT = LED021AT/52;
TEMP_BT = LED024BT/52;
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XWKP2013 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2013 = 99999;
else XWKP2013 = TEMP_BT;

end;

end;

/* Weekly business earnings (self-employed) */
else if LED017 = 2 then do;

if LED022 not in (99999) then XWKP2013 = LED022;
else if LED022 = 99999 then XWKP2013 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LED019 = 4 then XWKP2013 = 99999;
else if LED023 = 4 then XWKP2013 = 99999;

```

```
else if LED001 = 3 then XWKP2013 = 99999;
```

```
end;
```

```
else if XLFS2013 in (2,3) then XWKP2013 = 99998; *Not in the labour force;
```

```
end;
```

```
drop TEMP_AT TEMP_BT;
```

## Average weekly pay

### *XWKP2014*

#### Variable details

Cohort	Y09
Variable name	XWKP2014
Variable label	Derived: XWKP2014 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2014 = 1 then do;  
  
if XLFS2014 = 1 then do;  
  
/* Specified before tax */  
if LFD020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LFD016 = 1 then do;
```



```

/* Provided weekly pay - includes those working in some other way */
if LFD015 in (1,4) or LFD014 = 3 then XWKP2014 = LFD016BT;
/* Provided fortnightly pay */
else if LFD015 = 2 then XWKP2014 = LFD016BT/2;
/* Provided monthly pay */
else if LFD015 = 3 then XWKP2014 = LFD016BT/4;
end;

/* Provided hourly pay */
else if LFD016 = 3 then do;
if XHRS2014 not in (999) then XWKP2014 = LFD017BT*XHRS2014;
else if XHRS2014 = 999 then XWKP2014 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LFD016 = 2 then XWKP2014 = LFD018BT/52;

end;

/* Before tax (previously specified after tax) */
else if LFD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LFD021BT in (9999,999999) then XWKP2014 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LFD021BT not in (9999,999999) then do;

if LFD015 in (1,4) or LFD014 = 3 then TEMP_AT = LFD016AT;
else if LFD015 = 2 then TEMP_AT = LFD016AT/2;
else if LFD015 = 3 then TEMP_AT = LFD016AT/4;

/* Provided weekly pay - includes those working in some other way */
if LFD021A = 3 then TEMP_BT = LFD021BT;

/* Provided fortnightly pay */
else if LFD021A = 4 then TEMP_BT = LFD021BT/2;

/*Provided monthly pay*/
else if LFD021A = 5 then TEMP_BT = LFD021BT/4;

```

```

/* Provide hourly pay */
else if LFD021A = 1 then do;
if XHRS2014 not in (999) then do;
TEMP_BT = LFD021BT*XHRS2014;
if LFD017AT ne . and LFD016 = 3 then TEMP_AT = LFD017AT*XHRS2014;
end;
else if XHRS2014 in (999) then XWKP2014 = 99999;
end;

/* Provided annual pay */
else if LFD021A = 6 then do;
TEMP_BT = LFD021BT/52;
if LFD018AT ne . and LFD016 = 2 then TEMP_AT = LFD018AT/52;
end;

/* Provided daily pay */
else if LFD021A = 2 then do;
TEMP_BT = LFD021BT*7;
if LFD018AT ne . and LFD016 = 2 then TEMP_AT = LFD018AT/52;
if LFD017AT ne . and LFD016 = 3 then TEMP_AT = LFD017AT*XHRS2014;
end;

/* Don't know - but still provided a before-tax amount */
else if LFD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LFD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LFD015 in (1,4) or LFD014 = 3 then do;
TEMP_AT = LFD016AT;
TEMP_BT = LFD021BT;
end;
/* Provided fortnightly pay */
else if LFD015 = 2 then do;
TEMP_AT = LFD016AT/2;
TEMP_BT = LFD021BT/2;
end;
/* Provided monthly pay */
else if LFD015 = 3 then do;
TEMP_AT = LFD016AT/4;
TEMP_BT = LFD021BT/4;

```

```

end;

end;

/* Provided hourly pay */
else if LFD016 = 3 then do;
if XHRS2014 not in (999) then do;
TEMP_AT = LFD017AT*XHRS2014;
TEMP_BT = LFD021BT*XHRS2014;
end;
else if XHRS2014 in (999) then XWKP2014 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LFD016 = 2 then do;
TEMP_AT = LFD018AT/52;
TEMP_BT = LFD021BT/52;
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2014 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2014 = 99999;
else XWKP2014 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LFD014 = 2 then do;

if LFD019 not in (99999) then XWKP2014 = LFD019;
else if LFD019 = 99999 then XWKP2014 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */

```

```
else if LFD016 = 4 then XWKP2014 = 99999;
else if LFD020 = 4 then XWKP2014 = 99999;
else if LFD001 = 3 then XWKP2014 = 99999;

end;

else if XLFS2014 in (2,3) then XWKP2014 = 99998; *Not in the labour force;

end;

drop TEMP_AT TEMP_BT;
```

## Average weekly pay

### *XWKP2015*

#### Variable details

Cohort	Y09
Variable name	XWKP2015
Variable label	Derived: XWKP2015 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2015 = 1 then do;

if XLFS2015 = 1 then do;

/* Specified before tax */
if LGD020 in (1,3) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LGD016 = 1 then do;
```

```

/* Provided weekly pay - includes those working in some other way */
if LGD015 in (1,4) or LGD014 = 3 then XWKP2015 = LGD016BT;
/* Provided fortnightly pay */
else if LGD015 = 2 then XWKP2015 = LGD016BT/2;
/* Provided monthly pay */
else if LGD015 = 3 then XWKP2015 = LGD016BT/4;
end;

/* Provided hourly pay */
else if LGD016 = 3 then do;
if XHRS2015 not in (999) then XWKP2015 = LGD017BT*XHRS2015;
else if XHRS2015 = 999 then XWKP2015 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LGD016 = 2 then XWKP2015 = LGD018BT/52;

end;

/* Before tax (previously specified after tax) */
else if LGD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LGD021BT in (9999,999999) then XWKP2015 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LGD021BT not in (9999,999999) then do;

if LGD015 in (1,4) or LGD014 = 3 then TEMP_AT = LGD016AT;
else if LGD015 = 2 then TEMP_AT = LGD016AT/2;
else if LGD015 = 3 then TEMP_AT = LGD016AT/4;

/* Provided weekly pay - includes those working in some other way */
if LGD021A = 3 then TEMP_BT = LGD021BT;

/* Provided fortnightly pay */
else if LGD021A = 4 then TEMP_BT = LGD021BT/2;

/*Provided monthly pay*/
else if LGD021A = 5 then TEMP_BT = LGD021BT/4;

```

```

/* Provide hourly pay */
else if LGD021A = 1 then do;
if XHRS2015 not in (999) then do;
TEMP_BT = LGD021BT*XHRS2015;
if LGD017AT ne . and LGD016 = 3 then TEMP_AT = LGD017AT*XHRS2015;
end;
else if XHRS2015 in (999) then XWKP2015 = 99999;
end;

/* Provided annual pay */
else if LGD021A = 6 then do;
TEMP_BT = LGD021BT/52;
if LGD018AT ne . and LGD016 = 2 then TEMP_AT = LGD018AT/52;
end;

/* Provided daily pay */
else if LGD021A = 2 then do;
TEMP_BT = LGD021BT*7;
if LGD018AT ne . and LGD016 = 2 then TEMP_AT = LGD018AT/52;
if LGD017AT ne . and LGD016 = 3 then TEMP_AT = LGD017AT*XHRS2015;
end;

/* Don't know - but still provided a before-tax amount */
else if LGD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LGD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LGD015 in (1,4) or LGD014 = 3 then do;
TEMP_AT = LGD016AT;
TEMP_BT = LGD021BT;
end;
/* Provided fortnightly pay */
else if LGD015 = 2 then do;
TEMP_AT = LGD016AT/2;
TEMP_BT = LGD021BT/2;
end;
/* Provided monthly pay */
else if LGD015 = 3 then do;
TEMP_AT = LGD016AT/4;
TEMP_BT = LGD021BT/4;

```

```

end;

end;

/* Provided hourly pay */
else if LGD016 = 3 then do;
if XHRS2015 not in (999) then do;
TEMP_AT = LGD017AT*XHRS2015;
TEMP_BT = LGD021BT*XHRS2015;
end;
else if XHRS2015 in (999) then XWKP2015 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LGD016 = 2 then do;
TEMP_AT = LGD018AT/52;
TEMP_BT = LGD021BT/52;
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2015 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2015 = 99999;
else XWKP2015 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LGD014 = 2 /*or (LEWSAM06 = 2 and LED007 in (1,4))*/ then do;

if LGD019 not in (99999) then XWKP2015 = LGD019;
else if LGD019 = 99999 then XWKP2015 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */

```



```
else if LGD016 = 4 then XWKP2015 = 99999;  
else if LGD020 = 4 then XWKP2015 = 99999;  
else if LGD001 = 3 then XWKP2015 = 99999;  
  
end;  
  
else if XLFS2015 in (2,3) then XWKP2015 = 99998; *Not in the labour force;  
  
end;  
  
drop TEMP_AT TEMP_BT;
```

## Average weekly pay

### *XWKP2016*

#### Variable details

Cohort	Y09
Variable name	XWKP2016
Variable label	Derived: XWKP2016 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The average weekly pay at the time of interview.

#### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

#### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

#### Syntax

```
if in2016 = 1 then do;  
  
if XLFS2016 = 1 then do;  
  
/* Specified before tax */  
if LHD020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LHD016 = 1 then do;
```

```

/* Provided weekly pay - includes those working in some other way */
if LHD015 in (1,4) or LHD014 = 3 then XWKP2016 = LHD016BT;
/* Provided fortnightly pay */
else if LHD015 = 2 then XWKP2016 = LHD016BT/2;
/* Provided monthly pay */
else if LHD015 = 3 then XWKP2016 = LHD016BT/4;
end;

/* Provided hourly pay */
else if LHD016 = 3 then do;
if XHRS2016 not in (999) then XWKP2016 = LHD017BT*XHRS2016;
else if XHRS2016 = 999 then XWKP2016 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LHD016 = 2 then XWKP2016 = LHD018BT/52;

end;

/* Before tax (previously specified after tax) */
else if LHD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LHD021BT in (9999,999999) then XWKP2016 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */
else if LHD021BT not in (9999,999999) then do;

if LHD015 in (1,4) or LHD014 = 3 then TEMP_AT = LHD016AT;
else if LHD015 = 2 then TEMP_AT = LHD016AT/2;
else if LHD015 = 3 then TEMP_AT = LHD016AT/4;

/* Provided weekly pay - includes those working in some other way */
if LHD021A = 3 then TEMP_BT = LHD021BT;

/* Provided fortnightly pay */
else if LHD021A = 4 then TEMP_BT = LHD021BT/2;

/* Provided monthly pay */
else if LHD021A = 5 then TEMP_BT = LHD021BT/4;

```

```

/* Provide hourly pay */
else if LHD021A = 1 then do;
if XHRS2016 not in (999) then do;
TEMP_BT = LHD021BT*XHRS2016;
if LHD017AT ne . and LHD016 = 3 then TEMP_AT = LHD017AT*XHRS2016;
end;
else if XHRS2016 in (999) then XWKP2016 = 99999;
end;

/* Provided annual pay */
else if LHD021A = 6 then do;
TEMP_BT = LHD021BT/52;
if LHD018AT ne . and LHD016 = 2 then TEMP_AT = LHD018AT/52;
end;

/* Provided daily pay */
else if LHD021A = 2 then do;
TEMP_BT = LHD021BT*7;
if LHD018AT ne . and LHD016 = 2 then TEMP_AT = LHD018AT/52;
if LHD017AT ne . and LHD016 = 3 then TEMP_AT = LHD017AT*XHRS2016;
end;

/* Don't know - but still provided a before-tax amount */
else if LHD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LHD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LHD015 in (1,4) or LHD014 = 3 then do;
TEMP_AT = LHD016AT;
TEMP_BT = LHD021BT;
end;
/* Provided fortnightly pay */
else if LHD015 = 2 then do;
TEMP_AT = LHD016AT/2;
TEMP_BT = LHD021BT/2;
end;
/* Provided monthly pay */
else if LHD015 = 3 then do;
TEMP_AT = LHD016AT/4;
TEMP_BT = LHD021BT/4;
end;

```

```

end;

/* Provided hourly pay */
else if LHD016 = 3 then do;
if XHRS2016 not in (999) then do;
TEMP_AT = LHD017AT*XHRS2016;
TEMP_BT = LHD021BT*XHRS2016;
end;
else if XHRS2016 in (999) then XWKP2016 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LHD016 = 2 then do;
TEMP_AT = LHD018AT/52;
TEMP_BT = LHD021BT/52;
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2016 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2016 = 99999;
else XWKP2016 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LHD014 = 2 then do;

if LHD019 not in (99999) then XWKP2016 = LHD019;
else if LHD019 = 99999 then XWKP2016 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LHD016 = 4 then XWKP2016 = 99999;

```

```
else if LHD020 = 4 then XWKP2016 = 99999;  
else if LHD001 = 3 then XWKP2016 = 99999;  
  
end;  
  
else if XLFS2016 in (2,3) then XWKP2016 = 99998; *Not in the labour force;  
  
end;  
  
drop TEMP_AT TEMP_BT;
```

## Average weekly pay

*XWKP2017*

### Variable details

Cohort	Y09
Variable name	XWKP2017
Variable label	Derived: XWKP2017 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	9

### Description

The average weekly pay at the time of interview.

### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

### Syntax

```
if in2017 = 1 then do;

if XLFS2017 = 1 then do;
/* Specified before tax */
if LID020 in (1,3) then do;
/* Provided (weekly/fortnightly/monthly) pay */
if LID016 = 1 then do;
/* Provided weekly pay - includes those working in some other way */
if LID015 in (1,4) or LID014 = 3 then XWKP2017 = LID016BT;
```

```

/* Provided fortnightly pay */
else if LID015 = 2 then XWKP2017 = LID016BT/2;
/* Provided monthly pay */
else if LID015 = 3 then XWKP2017 = LID016BT/4;
end;
/* Provided hourly pay */
else if LID016 = 3 then do;
if XHRS2017 not in (999) then XWKP2017 = LID017BT*XHRS2017;
else if XHRS2017 = 999 then XWKP2017 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;
/* Provided annual pay */
else if LID016 = 2 then XWKP2017 = LID018BT/52;
end;
/* Before tax (previously specified after tax) */
else if LID020 = 2 then do;
/* Provided after tax amount, but before tax amount unknown */
if LID021BT in (9999,999999) then XWKP2017 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LID021BT not in (9999,999999) then do;

if LID015 in (1,4) or LID014 = 3 then TEMP_AT = LID016AT;
else if LID015 = 2 then TEMP_AT = LHD016AT/2;
else if LID015 = 3 then TEMP_AT = LHD016AT/4;
/* Provided weekly pay - includes those working in some other way */
if LID021A = 3 then TEMP_BT = LID021BT;
/* Provided fortnightly pay */
else if LID021A = 4 then TEMP_BT = LID021BT/2;
/*Provided monthly pay*/
else if LID021A = 5 then TEMP_BT = LID021BT/4;

/* Provide hourly pay */
else if LID021A = 1 then do;
if XHRS2017 not in (999) then do;
TEMP_BT = LID021BT*XHRS2017;
if LID017AT ne . and LID016 = 3 then TEMP_AT = LID017AT*XHRS2017;
end;
else if XHRS2017 in (999) then XWKP2017 = 99999;
end;
/* Provided annual pay */

```



```

else if LID021A = 6 then do;
TEMP_BT = LID021BT/52;
if LID018AT ne . and LID016 = 2 then TEMP_AT = LID018AT/52;
end;
/* Provided daily pay */
else if LID021A = 2 then do;
TEMP_BT = LID021BT*7;
if LID018AT ne . and LID016 = 2 then TEMP_AT = LID018AT/52;
if LID017AT ne . and LID016 = 3 then TEMP_AT = LID017AT*XHRS2017;
end;
/* Don't know - but still provided a before-tax amount */
else if LID021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LID016 = 1 then do;
/* Provided weekly pay - includes those working in some other way */
if LID015 in (1,4) or LID014 = 3 then do;
TEMP_AT = LID016AT;
TEMP_BT = LID021BT;
end;

/* Provided fortnightly pay */
else if LID015 = 2 then do;

TEMP_AT = LID016AT/2;
TEMP_BT = LID021BT/2;
end;
/* Provided monthly pay */
else if LID015 = 3 then do;

TEMP_AT = LID016AT/4;
TEMP_BT = LID021BT/4;
end;
end;
/* Provided hourly pay */
else if LID016 = 3 then do;

if XHRS2017 not in (999) then do;
TEMP_AT = LID017AT*XHRS2017;
TEMP_BT = LID021BT*XHRS2017;
end;
else if XHRS2017 in (999) then XWKP2017 = 99999; *Unknown - hourly pay provided but hours worked
unknown;

```

```

end;
/* Provided annual pay */
else if LID016 = 2 then do;

TEMP_AT = LID018AT/52;
TEMP_BT = LID021BT/52;
end;
end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2017 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2017 = 99999;
else XWKP2017 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LID014 = 2 then do;
if LID019 not in (99999) then XWKP2017 = LID019;
else if LID019 = 99999 then XWKP2017 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LID016 = 4 then XWKP2017 = 99999;
else if LID020 = 4 then XWKP2017 = 99999;
else if LID001 = 3 then XWKP2017 = 99999;
end;
else if XLFS2017 in (2,3) then XWKP2017 = 99998; *Not in the labour force;
end;
drop TEMP_AT TEMP_BT;

```

## Average weekly pay

*XWKP2018*

### Variable details

Cohort	Y09
Variable name	XWKP2018
Variable label	Derived: XWKP2018 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	10

### Description

The average weekly pay at the time of interview.

### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

### Syntax

```
if in2018 = 1 then do;  
  
if XLFS2018 = 1 then do;  
/* Specified before tax */  
if LJD020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LJD016 = 1 then do;
```

```

/* Provided weekly pay - includes those working in some other way */
if LJD015 in (1,4) or LJD014 = 3 then XWKP2018 = LJD016BT;
/* Provided fortnightly pay */
else if LJD015 = 2 then XWKP2018 = LJD016BT/2;
/* Provided monthly pay */
else if LJD015 = 3 then XWKP2018 = LJD016BT/4;

end;

/* Provided hourly pay */
else if LJD016 = 3 then do;
if XHRS2018 not in (999) then XWKP2018 = LJD017BT*XHRS2018;
else if XHRS2018 = 999 then XWKP2018 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LJD016 = 2 then XWKP2018 = LJD018BT/52;

end;

/* Before tax (previously specified after tax) */
else if LJD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LJD021BT in (9999,999999) then XWKP2018 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LJD021BT not in (9999,999999) then do;

if LJD015 in (1,4) or LJD014 = 3 then TEMP_AT = LJD016AT;
else if LJD015 = 2 then TEMP_AT = LJD016AT/2;
else if LJD015 = 3 then TEMP_AT = LJD016AT/4;
/* Provided weekly pay - includes those working in some other way */
if LJD021A = 3 then TEMP_BT = LJD021BT;
/* Provided fortnightly pay */
else if LJD021A = 4 then TEMP_BT = LJD021BT/2;
/*Provided monthly pay*/
else if LJD021A = 5 then TEMP_BT = LJD021BT/4;

/* Provide hourly pay */

```

```

else if LJD021A = 1 then do;
if XHRS2018 not in (999) then do;
TEMP_BT = LJD021BT*XHRS2018;
if LJD017AT ne . and LJD016 = 3 then TEMP_AT = LJD017AT*XHRS2018;
end;
else if XHRS2018 in (999) then XWKP2018 = 99999;
end;

/* Provided annual pay */
else if LJD021A = 6 then do;
TEMP_BT = LJD021BT/52;
if LJD018AT ne . and LJD016 = 2 then TEMP_AT = LJD018AT/52;
end;

/* Provided daily pay */
else if LJD021A = 2 then do;
TEMP_BT = LJD021BT*7;
if LJD018AT ne . and LJD016 = 2 then TEMP_AT = LJD018AT/52;
if LJD017AT ne . and LJD016 = 3 then TEMP_AT = LJD017AT*XHRS2018;
end;

/* Don't know - but still provided a before-tax amount */
else if LJD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LJD016 = 1 then do;
/* Provided weekly pay - includes those working in some other way */
if LJD015 in (1,4) or LJD014 = 3 then do;
TEMP_AT = LJD016AT;
TEMP_BT = LJD021BT;
end;

/* Provided fortnightly pay */
else if LJD015 = 2 then do;

TEMP_AT = LJD016AT/2;
TEMP_BT = LJD021BT/2;
end;

/* Provided monthly pay */
else if LJD015 = 3 then do;

TEMP_AT = LJD016AT/4;

```

```

TEMP_BT = LJD021BT/4;
end;

end;

/* Provided hourly pay */
else if LJD016 = 3 then do;

if XHRS2018 not in (999) then do;
TEMP_AT = LJD017AT*XHRS2018;
TEMP_BT = LJD021BT*XHRS2018;
end;

else if XHRS2018 in (999) then XWKP2018 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Provided annual pay */
else if LJD016 = 2 then do;

TEMP_AT = LJD018AT/52;
TEMP_BT = LJD021BT/52;
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2018 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2018 = 99999;
else XWKP2018 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LJD014 = 2 then do;
if LJD019 not in (99999) then XWKP2018 = LJD019;
else if LJD019 = 99999 then XWKP2018 = 99999; *Unknown - weekly business earnings unknown;

```

```
end;

/* Don't receive income */
else if LJD014 = 998 then XWKP2018 = 99999;
/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LJD016 = 4 then XWKP2018 = 99999;
else if LJD020 = 4 then XWKP2018 = 99999;
else if LJD001 = 3 then XWKP2018 = 99999;

end;

else if XLFS2018 in (2,3) then XWKP2018 = 99998; *Not in the labour force;

end;

drop TEMP_AT TEMP_BT;
```

## Average weekly pay

*XWKP2019*

### Variable details

Cohort	Y09
Variable name	XWKP2019
Variable label	Derived: XWKP2019 Average weekly pay
Topic area	Employment
Data type	Numeric
Survey wave	11

### Description

The average weekly pay at the time of interview.

### Formats

99998 = 99998 Not applicable  
99999 = 99999 Unknown

### Notes

Values can fall within the range of 1 to 99997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their hourly pay but did not provide their weekly hours worked.

### Syntax

```
if in2019 = 1 then do;  
  
if XLFS2019 = 1 then do;  
/* Specified before tax */  
if LKD020 in (1,3) then do;  
/* Provided (weekly/fortnightly/monthly) pay */  
if LKD016 = 1 then do;  
/* Provided weekly pay - includes those working in some other way */
```



```

if LKD015 in (1,4) or LKD014 = 3 then XWKP2019 = LKD016BT;
/* Provided fortnightly pay */
else if LKD015 = 2 then XWKP2019 = LKD016BT/2;
/* Provided monthly pay */
else if LKD015 = 3 then XWKP2019 = LKD016BT/4;
end;
/* Provided hourly pay */
else if LKD016 = 3 then do;
if XHRS2019 not in (999) then XWKP2019 = LKD017BT*XHRS2019;
else if XHRS2019 = 999 then XWKP2019 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;
/* Provided annual pay */
else if LKD016 = 2 then XWKP2019 = LKD018BT/52;
end;
/* Before tax (previously specified after tax) */
else if LKD020 = 2 then do;
/* Provided after tax amount, but before tax amount unknown */
if LKD021BT in (9999,999999) then XWKP2019 = 99999;

/* Create new variables (TEMP_AT, TEMP_BT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LKD021BT not in (9999,999999) then do;

if LKD015 in (1,4) or LKD014 = 3 then TEMP_AT = LKD016AT;
else if LKD015 = 2 then TEMP_AT = LKD016AT/2;
else if LKD015 = 3 then TEMP_AT = LKD016AT/4;
/* Provided weekly pay - includes those working in some other way */
if LKD021A = 3 then TEMP_BT = LKD021BT;
/* Provided fortnightly pay */
else if LKD021A = 4 then TEMP_BT = LKD021BT/2;
/*Provided monthly pay*/
else if LKD021A = 5 then TEMP_BT = LKD021BT/4;

/* Provide hourly pay */
else if LKD021A = 1 then do;
if XHRS2019 not in (999) then do;
TEMP_BT = LKD021BT*XHRS2019;
if LKD017AT ne . and LKD016 = 3 then TEMP_AT = LKD017AT*XHRS2019;
end;
else if XHRS2019 in (999) then XWKP2019 = 99999;
end;

```

```

/* Provided annual pay */
else if LKD021A = 6 then do;
TEMP_BT = LKD021BT/52;
if LKD018AT ne . and LKD016 = 2 then TEMP_AT = LKD018AT/52;
end;
/* Provided daily pay */
else if LKD021A = 2 then do;
TEMP_BT = LKD021BT*7;
if LKD018AT ne . and LKD016 = 2 then TEMP_AT = LKD018AT/52;
if LKD017AT ne . and LKD016 = 3 then TEMP_AT = LKD017AT*XHRS2019;
end;
/* Don't know - but still provided a before-tax amount */
else if LKD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LKD016 = 1 then do;
/* Provided weekly pay - includes those working in some other way */
if LKD015 in (1,4) or LKD014 = 3 then do;
TEMP_AT = LKD016AT;
TEMP_BT = LKD021BT;
end;

/* Provided fortnightly pay */
else if LKD015 = 2 then do;

TEMP_AT = LKD016AT/2;
TEMP_BT = LKD021BT/2;
end;
/* Provided monthly pay */
else if LKD015 = 3 then do;

TEMP_AT = LKD016AT/4;
TEMP_BT = LKD021BT/4;
end;
end;
/* Provided hourly pay */
else if LKD016 = 3 then do;

if XHRS2019 not in (999) then do;
TEMP_AT = LKD017AT*XHRS2019;
TEMP_BT = LKD021BT*XHRS2019;
end;

```

```

else if XHRS2019 in (999) then XWKP2019 = 99999; *Unknown - hourly pay provided but hours worked
unknown;
end;
/* Provided annual pay */
else if LKD016 = 2 then do;

TEMP_AT = LKD018AT/52;
TEMP_BT = LKD021BT/52;
end;
end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT ne . then do;
if TEMP_BT/TEMP_AT >= 2 then XWKP2019 = 99999;
else if TEMP_BT < TEMP_AT then XWKP2019 = 99999;
else XWKP2019 = TEMP_BT;
end;

end;

end;

/* Weekly business earnings (self-employed) */
else if LKD014 = 2 then do;
if LKD019 not in (99999) then XWKP2019 = LKD019;
else if LKD019 = 99999 then XWKP2019 = 99999; *Unknown - weekly business earnings unknown;

end;

/* Don't receive income */
else if LKD014 = 998 then XWKP2019 = 99999;
/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LKD016 = 4 then XWKP2019 = 99999;
else if LKD020 = 4 then XWKP2019 = 99999;
else if LKD001 = 3 then XWKP2019 = 99999;
end;
else if XLFS2019 in (2,3) then XWKP2019 = 99998; *Not in the labour force;
end;
drop TEMP_AT TEMP_BT;

```

# Average hourly pay

## *XHRP2009*

### Variable details

Cohort	Y09
Variable name	XHRP2009
Variable label	Derived: XHRP2009 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The average hourly pay at the time of interview.

### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

### Syntax

```
if in2009 = 1 then do;

if XLFS2009 = 1 then do;
if ST72N01 not in (9999) then do;
/* Provided weekly pay */
if ST72N03 = 2 and XHRS2009 not in (999) then XHRP2009 = ((ST72N01+(ST72N02/100))/XHRS2009);
/* Provided fortnightly pay */
else if ST72N03 = 3 and XHRS2009 not in (999) then XHRP2009 =
((ST72N01+(ST72N02/100))/(2*XHRS2009));
```

```

/* Provided monthly pay */
else if ST72N03 = 4 and XHRS2009 not in (999) then XHRP2009 =
((ST72N01+(ST72N02/100))/(4*XHRS2009));
/* Provided hourly pay */
else if ST72N03 = 1 then XHRP2009 = (ST72N01+(ST72N02/100));
/* Working, but hourly pay unknown */
else if ST72N03 in (2,3,4) and XHRS2009 = 999 then XHRP2009 = 9999; *Unknown hours worked;
else if ST72N03 = 9 then XHRP2009 = 9999; *Unknown payment cycle;
end;
/* Pay amount unknown */
else if ST72N01 = 9999 then XHRP2009 = 9999;
end;

else if XLFS2009 in (2,3,99) then XHRP2009 = 9998; *Not working (unemployed or NILF) - includes
unknown labour force status;

end;

```

## Average hourly pay

### *XHRP2010*

#### Variable details

Cohort	Y09
Variable name	XHRP2010
Variable label	Derived: XHRP2010 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2010 = 1 then do;

if XLFS2010 = 1 then do;
/* Provided (weekly/fortnightly/monthly) pay */
if LBD009 = 1 and XHRS2010 not in (999) then do;
/* Provided weekly pay */
if LBD008 in (1,4) then XHRP2010 = LBD009A/XHRS2010;
/* Provided fortnightly pay */
else if LBD008 = 2 then XHRP2010 = LBD009A/(2*XHRS2010);
```

```

/* Provided monthly pay */
else if LBD008 = 3 then XHRP2010 = LBD009A/(4*XHRS2010);
end;

/* Provided hourly pay */
else if LBD009 = 3 then XHRP2010 = LBD010;

/* Provided annual pay */
else if LBD009 = 2 and XHRS2010 not in (999) then XHRP2010 = LBD011/(52*XHRS2010);

/* Weekly business earnings (self-employed) */
else if LBD007 = 2 and XHRS2010 not in (999) then do;
if LBD012 not in (99999) then XHRP2010 = LBD012/XHRS2010;
else if LBD012 = 99999 then XHRP2010 = 9999; *Unknown - weekly business earnings unknown;
end;

/* Provided (weekly/fortnightly/monthly/annual) pay but weekly hours worked unknown */
else if (LBD009 in (1,2) or LBD007 = 2) and XHRS2010 = 999 then XHRP2010 = 9999;

/* Working, but unknown rate of pay (includes those waiting to start job) */
else if LBD009 = 4 then XHRP2010 = 9999; *Unknown - rate of pay unknown;
else if LBD007 = 3 then XHRP2010 = 9999; *Work in some other way;
else if LBD001 = 3 then XHRP2010 = 9999; *Waiting to start job;
end;

else if XLFS2010 in (2,3) then XHRP2010 = 9998; *Not working (unemployed or NILF);

end;

```

## Average hourly pay

### *XHRP2011*

#### Variable details

Cohort	Y09
Variable name	XHRP2011
Variable label	Derived: XHRP2011 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2011 = 1 then do;

if XLFS2011 = 1 then do;
/* Provided (weekly/fortnightly/monthly) pay */
if LCD020 not in (.) and XHRS2011 not in (999) then do;
/* Provided weekly pay */
if LCD019 in (1,4) then XHRP2011 = LCD020/XHRS2011;
/* Provided fortnightly pay */
else if LCD019 = 2 then XHRP2011 = LCD020/(2*XHRS2011);
```



```

/* Provided monthly pay */
else if LCD019 = 3 then XHRP2011 = LCD020/(4*XHRS2011);
end;

/* Provided hourly pay */
else if LCD021 not in (.) then XHRP2011 = LCD021;

/* Provided annual pay */
else if LCD022 not in (.) and XHRS2011 not in (999) then XHRP2011 = LCD022/(52*XHRS2011);

/* Weekly business earnings (self-employed) */
else if LCD018 = 2 then do;
if XHRS2011 not in (999) then do;
if LCD023 not in (99999) then XHRP2011 = LCD023/XHRS2011;
else if LCD023 = 99999 then XHRP2011 = 9999; *Unknown - weekly business earnings unknown;
end;
else if XHRS2011 = 999 then XHRP2011 = 9999; *Unknown - weekly business earnings unknown;
end;

/* Provided (weekly/fortnightly/monthly/annual) pay but weekly hours worked unknown */
else if (LCD020 not in (.) or LCD022 not in (.) or LCD023 not in (.) and XHRS2011 = 999 then XHRP2011 = 9999;

/* Working, but unknown rate of pay (includes those waiting to start job) */
else if LCD018 = 3 then XHRP2011 = 9999; *Work in some other way (not wages/salary or self-employed);
else if LCD001 = 3 then XHRP2011 = 9999; *Waiting to start job;
else if missing(LCD020) and missing(LCD021) and missing(LCD022) and missing(LCD023)
then XHRP2011 = 9999; *Unknown - rate of pay unknown;
end;

else if XLFS2011 in (2,3) then XHRP2011 = 9998; *Not working (unemployed or NILF);

end;

```

## Average hourly pay

### *XHRP2012*

#### Variable details

Cohort	Y09
Variable name	XHRP2012
Variable label	Derived: XHRP2012 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2012 = 1 then do;

if XLFS2012 = 1 then do;

/* Specified before tax */
if LDD023 in (1,3) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LDD019 = 1 then do;
```

```

if XHRS2012 not in (999) then do;
/* Provided weekly pay */
if LDD018 in (1,4) or LDD017 = 3 then XHRP2012 = LDD019BT/XHRS2012;
/* Provided fortnightly pay */
else if LDD018 = 2 then XHRP2012 = LDD019BT/(2*XHRS2012);
/* Provided monthly pay */
else if LDD018 = 3 then XHRP2012 = LDD019BT/(4*XHRS2012);
end;
/* Working but hourly pay unknown */
else if XHRS2012 = 999 then XHRP2012 = 9999 ;
end;

/* Provided hourly pay */
else if LDD019 = 3 then XHRP2012 = LDD020BT;

/* Provided annual pay */
else if LDD019 = 2 then do;
if XHRS2012 not in (999) then XHRP2012 = LDD021BT/(52*XHRS2012);
else if XHRS2012 = 999 then XHRP2012 = 9999; *Unknown - hourly pay provided but hours worked
unknown;
end;
end;

/* Before tax (previously specified after tax) */
else if LDD023 = 2 then do;

if LDD024BT not in (999999) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LDD019 = 1 then do;
if XHRS2012 not in (999) then do;
/* Provided weekly pay */
if LDD018 in (1,4) or LDD017 = 3 then XHRP2012 = LDD024BT/XHRS2012;
/* Provided fortnightly pay */
else if LDD018 = 2 then XHRP2012 = LDD024BT/(2*XHRS2012);
/* Provided monthly pay */
else if LDD018 = 3 then XHRP2012 = LDD024BT/(4*XHRS2012);
end;
/* Working but hourly pay unknown */
else if XHRS2012 = 999 then XHRP2012 = 9999 ;
end;

```

```

/* Provided hourly pay */
else if LDD019 = 3 then XHRP2012 = LDD024BT;

/* Provided annual pay */
else if LDD019 = 2 then do;
if XHRS2012 not in (999) then XHRP2012 = LDD024BT/(52*XHRS2012);
else if XHRS2012 = 999 then XHRP2012 = 9999; *Unknown - hourly pay provided but hours worked
unknown;
end;

/* Identify and re-code outliers to unknown. Outliers have been defined where the 'before tax' amounts
are more than twice the 'after tax' amounts. */
if LDD024BT/LDD019AT ge 2 then XHRP2012 = 9999;
if LDD024BT/LDD020AT ge 2 then XHRP2012 = 9999;
if LDD024BT/LDD021AT ge 2 then XHRP2012 = 9999;

end;

/* Provided after tax amount, but before tax amount unknown */
else if LDD024BT = 999999 then XHRP2012 = 9999;

end;

/* Weekly business earnings (self-employed) */
else if LDD017 = 2 then do;

if XHRS2012 not in (999) then do;
if LDD022 not in (99999) then XHRP2012 = LDD022/XHRS2012;
else if LDD022 = 99999 then XHRP2012 = 9999; *Unknown - weekly business earnings unknown;
end;

else if XHRS2012 = 999 then XHRP2012 = 9999; *Unknown - weekly business earnings unknown;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LDD023 = 4 then XHRP2012 = 9999; *Unknown - tax status unknown;
else if LDD019 = 4 then XHRP2012 = 9999; *Unknown - rate of pay unknown;
else if LDD001 = 3 then XHRP2012 = 9999; *Waiting to start job;

end;

else if XLFS2012 in (2,3) then XHRP2012 = 9998; *Not working (unemployed or NILF);

```

end;

## Average hourly pay

### *XHRP2013*

#### Variable details

Cohort	Y09
Variable name	XHRP2013
Variable label	Derived: XHRP2013 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2013 = 1 then do;  
  
if XLFS2013 = 1 then do;  
  
/* Specified before tax */  
if LED023 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LED019 = 1 then do;
```

```

if XHRS2013 not in (999) then do;
/* Provided weekly pay */
if LED018 in (1,4) or LED017 = 3 then XHRP2013 = LED019BT/XHRS2013;
/* Provided fortnightly pay */
else if LED018 = 2 then XHRP2013 = LED019BT/(2*XHRS2013);
/* Provided monthly pay */
else if LED018 = 3 then XHRP2013 = LED019BT/(4*XHRS2013);
end;
/* Working, but hourly pay unknown */
else if XHRS2013 = 999 then XHRP2013 = 9999;

end;

/* Provided hourly pay */
else if LED019 = 3 then XHRP2013 = LED020BT;

/* Provided annual pay */
else if LED019 = 2 then do;

if XHRS2013 not in (999) then XHRP2013 = LED021BT/(52*XHRS2013);
else if XHRS2013 = 999 then XHRP2013 = 9999; *Unknown - hourly pay provided but hours worked
unknown;

end;

end;

/* Before tax (previously specified after tax) */
else if LED023 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LED024BT in (9999,999999) then XHRP2013 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LED024BT not in (9999,999999) and XHRS2013 not in (999) then do;

if LED018 in (1,4) then TEMP_AT = LED019AT/XHRS2013;
else if LED018 = 2 then TEMP_AT = LED019AT/(2*XHRS2013);
else if LED018 = 3 then TEMP_AT = LED019AT/(4*XHRS2013);

```

```

/* Provided weekly pay - includes those working in some other way */
if LED024A = 3 then TEMP_BT = LED024BT/XHRS2013;

/* Provided fortnightly pay */
else if LED024A = 4 then TEMP_BT = LED024BT/(2*XHRS2013);

/*Provided monthly pay*/
else if LED024A = 5 then TEMP_BT = LED024BT/(4*XHRS2013);

/* Provide hourly pay */
else if LED024A = 1 then do;
TEMP_BT = LED024BT;
if LED020AT ne . and LED019 = 3 then TEMP_AT = LED020AT;
end;

/* Provided annual pay */
else if LED024A = 6 then do;
TEMP_BT = LED024BT/(52*XHRS2013);
if LED021AT ne . and LED019 = 2 then TEMP_AT = LED021AT/(52*XHRS2013);
end;

/* Provided daily pay */
else if LED024A = 2 then do;
TEMP_BT = LED024BT*7/XHRS2013;
if LED021AT ne . and LED019 = 2 then TEMP_AT = LED021AT/(52*XHRS2013);
if LED020AT ne . and LED016 = 3 then TEMP_AT = LED020AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LED024A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LED019 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LED018 in (1,4) or LED017 = 3 then do;
TEMP_AT = LED019AT/XHRS2013;
TEMP_BT = LED024BT/XHRS2013;
end;
/* Provided fortnightly pay */
else if LED018 = 2 then do;
TEMP_AT = LED019AT/(2*XHRS2013);
TEMP_BT = LED024BT/(2*XHRS2013);

```



```

end;
/* Provided monthly pay */
else if LED018 = 3 then do;
TEMP_AT = LED019AT/(4*XHRS2013);
TEMP_BT = LED024BT/(4*XHRS2013);
end;

end;

/* Provided hourly pay */
else if LED019 = 3 then do;
TEMP_AT = LED020AT;
TEMP_BT = LED024BT;
end;

/* Provided annual pay */
else if LED019 = 2 then do;
TEMP_AT = LED021AT/(52*XHRS2013);
TEMP_BT = LED024BT/(52*XHRS2013);
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2013 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2013 = 9999;
else XHRP2013 = TEMP_BT;

end;

else if XHRS2013 in (999) then XHRP2013 = 9999; *Unknown - hours worked unknown;

/* Provided after tax amount, but before-tax amount unknown */
else if LED024BT in (99,999,9999,99999,999999) then XHRP2013 = 9999;

end;

/* Weekly business earnings (self-employed) */
else if LED017 = 2 then do;

if XHRS2013 not in (999) then do;
if LED022 not in (99999) then XHRP2013 = LED022/XHRS2013;

```

```
else if LED022 = 99999 then XHRP2013 = 9999; *Unknown weekly business earnings;
end;
/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2013 in (999) then XHRP2013 = 9999;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LED019 = 4 then XHRP2013 = 9999;
else if LED023 = 4 then XHRP2013 = 9999;
else if LED001 = 3 then XHRP2013 = 9999;

end;

else if XLFS2013 in (2,3) then XHRP2013 = 9998; *Not working (unemployed or NILF);

end;

drop TEMP_AT TEMP_BT;
```

## Average hourly pay

### *XHRP2014*

#### Variable details

Cohort	Y09
Variable name	XHRP2014
Variable label	Derived: XHRP2014 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2014 = 1 then do;  
  
if XLFS2014 = 1 then do;  
  
/* Specified before tax */  
if LFD020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LFD016 = 1 then do;
```

```

if XHRS2014 not in (999) then do;
/* Provided weekly pay */
if LFD015 in (1,4) or LFD014 = 3 then XHRP2014 = LFD016BT/XHRS2014;
/* Provided fortnightly pay */
else if LFD015 = 2 then XHRP2014 = LFD016BT/(2*XHRS2014);
/* Provided monthly pay */
else if LFD015 = 3 then XHRP2014 = LFD016BT/(4*XHRS2014);
end;
/* Working, but hourly pay unknown */
else if XHRS2014 = 999 then XHRP2014 = 9999;

end;

/* Provided hourly pay */
else if LFD016 = 3 then XHRP2014 = LFD017BT;

/* Provided annual pay */
else if LFD016 = 2 then do;

if XHRS2014 not in (999) then XHRP2014 = LFD018BT/(52*XHRS2014);
else if XHRS2014 = 999 then XHRP2014 = 9999; *Unknown - hourly pay provided but hours worked
unknown;

end;

end;

/* Before tax (previously specified after tax) */
else if LFD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LFD021BT in (9999,999999) then XHRP2014 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LFD021BT not in (9999,999999) and XHRS2014 not in (999) then do;

if LFD015 in (1,4) then TEMP_AT = LFD016AT/XHRS2014;
else if LFD015 = 2 then TEMP_AT = LFD016AT/(2*XHRS2014);
else if LFD015 = 3 then TEMP_AT = LFD016AT/(4*XHRS2014);

```

```

/* Provided weekly pay - includes those working in some other way */
if LFD021A = 3 then TEMP_BT = LFD021BT/XHRS2014;

/* Provided fortnightly pay */
else if LFD021A = 4 then TEMP_BT = LFD021BT/(2*XHRS2014);

/*Provided monthly pay*/
else if LFD021A = 5 then TEMP_BT = LFD021BT/(4*XHRS2014);

/* Provide hourly pay */
else if LFD021A = 1 then do;
TEMP_BT = LFD021BT;
if LFD017AT ne . and LFD016 = 3 then TEMP_AT = LFD017AT;
end;

/* Provided annual pay */
else if LFD021A = 6 then do;
TEMP_BT = LFD021BT/(52*XHRS2014);
if LFD018AT ne . and LFD016 = 2 then TEMP_AT = LFD018AT/(52*XHRS2014);
end;

/* Provided daily pay */
else if LFD021A = 2 then do;
TEMP_BT = LFD021BT*7/XHRS2014;
if LFD018AT ne . and LFD016 = 2 then TEMP_AT = LFD018AT/(52*XHRS2014);
if LFD017AT ne . and LFD016 = 3 then TEMP_AT = LFD017AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LFD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LFD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LFD015 in (1,4) or LFD014 = 3 then do;
TEMP_AT = LFD016AT/XHRS2014;
TEMP_BT = LFD021BT/XHRS2014;
end;
/* Provided fortnightly pay */
else if LFD015 = 2 then do;
TEMP_AT = LFD016AT/(2*XHRS2014);
TEMP_BT = LFD021BT/(2*XHRS2014);

```

```

end;
/* Provided monthly pay */
else if LFD015 = 3 then do;
TEMP_AT = LFD016AT/(4*XHRS2014);
TEMP_BT = LFD021BT/(4*XHRS2014);
end;

end;

/* Provided hourly pay */
else if LFD016 = 3 then do;
TEMP_AT = LFD017AT;
TEMP_BT = LFD021BT;
end;

/* Provided annual pay */
else if LFD016 = 2 then do;
TEMP_AT = LFD018AT/(52*XHRS2014);
TEMP_BT = LFD021BT/(52*XHRS2014);
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, ass
if TEMP_BT/TEMP_AT >= 2 then XHRP2014 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2014 = 9999;
else XHRP2014 = TEMP_BT;

end;

else if XHRS2014 in (999) then XHRP2014 = 9999; *Unknown - hours worked unknown;

/* Provided after tax amount, but before-tax amount unknown */
else if LFD021BT in (99,999,9999,99999,999999) then XHRP2014 = 9999;

end;

/* Weekly business earnings (self-employed) */
else if LFD014 = 2 then do;

if XHRS2014 not in (999) then do;
if LFD019 not in (99999) then XHRP2014 = LFD019/XHRS2014;

```

```
else if LFD019 = 99999 then XHRP2014 = 9999; *Unknown weekly business earnings;
end;
/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2014 in (999) then XHRP2014 = 9999;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LFD016 = 4 then XHRP2014 = 9999;
else if LFD020 = 4 then XHRP2014 = 9999;
else if LFD001 = 3 then XHRP2014 = 9999;

end;

else if XLFS2014 in (2,3) then XHRP2014 = 9998; *Not working (unemployed or NILF);

end;

drop TEMP_AT TEMP_BT;
```

## Average hourly pay

### *XHRP2015*

#### Variable details

Cohort	Y09
Variable name	XHRP2015
Variable label	Derived: XHRP2015 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2015 = 1 then do;

if XLFS2015 = 1 then do;

/* Specified before tax */
if LGD020 in (1,3) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LGD016 = 1 then do;
```



```

if XHRS2015 not in (999) then do;
/* Provided weekly pay */
if LGD015 in (1,4) or LGD014 = 3 then XHRP2015 = LGD016BT/XHRS2015;
/* Provided fortnightly pay */
else if LGD015 = 2 then XHRP2015 = LGD016BT/(2*XHRS2015);
/* Provided monthly pay */
else if LGD015 = 3 then XHRP2015 = LGD016BT/(4*XHRS2015);
end;
/* Working, but hourly pay unknown */
else if XHRS2015 = 999 then XHRP2015 = 9999;

end;

/* Provided hourly pay */
else if LGD016 = 3 then XHRP2015 = LGD017BT;

/* Provided annual pay */
else if LGD016 = 2 then do;

if XHRS2015 not in (999) then XHRP2015 = LGD018BT/(52*XHRS2015);
else if XHRS2015 = 999 then XHRP2015 = 9999; *Unknown - hourly pay provided but hours worked
unknown;

end;

end;

/* Before tax (previously specified after tax) */
else if LGD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LGD021BT in (9999,999999) then XHRP2015 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */

else if LGD021BT not in (9999,999999) and XHRS2015 not in (999) then do;

if LGD015 in (1,4) then TEMP_AT = LGD016AT/XHRS2015;
else if LGD015 = 2 then TEMP_AT = LGD016AT/(2*XHRS2015);
else if LGD015 = 3 then TEMP_AT = LGD016AT/(4*XHRS2015);

```

```

/* Provided weekly pay - includes those working in some other way */
if LGD021A = 3 then TEMP_BT = LGD021BT/XHRS2015;

/* Provided fortnightly pay */
else if LGD021A = 4 then TEMP_BT = LGD021BT/(2*XHRS2015);

/*Provided monthly pay*/
else if LGD021A = 5 then TEMP_BT = LGD021BT/(4*XHRS2015);

/* Provide hourly pay */
else if LGD021A = 1 then do;
TEMP_BT = LGD021BT;
if LGD017AT ne . and LGD016 = 3 then TEMP_AT = LGD017AT;
end;

/* Provided annual pay */
else if LGD021A = 6 then do;
TEMP_BT = LGD021BT/(52*XHRS2015);
if LGD018AT ne . and LGD016 = 2 then TEMP_AT = LGD018AT/(52*XHRS2015);
end;

/* Provided daily pay */
else if LGD021A = 2 then do;
TEMP_BT = LGD021BT*7/XHRS2015;
if LGD018AT ne . and LGD016 = 2 then TEMP_AT = LGD018AT/(52*XHRS2015);
if LGD017AT ne . and LGD016 = 3 then TEMP_AT = LGD017AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LGD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LGD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LGD015 in (1,4) or LGD014 = 3 then do;
TEMP_AT = LGD016AT/XHRS2015;
TEMP_BT = LGD021BT/XHRS2015;
end;
/* Provided fortnightly pay */
else if LGD015 = 2 then do;
TEMP_AT = LGD016AT/(2*XHRS2015);
TEMP_BT = LGD021BT/(2*XHRS2015);

```

```

end;
/* Provided monthly pay */
else if LGD015 = 3 then do;
TEMP_AT = LGD016AT/(4*XHRS2015);
TEMP_BT = LGD021BT/(4*XHRS2015);
end;

end;

/* Provided hourly pay */
else if LGD016 = 3 then do;
TEMP_AT = LGD017AT;
TEMP_BT = LGD021BT;
end;

/* Provided annual pay */
else if LGD016 = 2 then do;
TEMP_AT = LGD018AT/(52*XHRS2015);
TEMP_BT = LGD021BT/(52*XHRS2015);
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2015 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2015 = 9999;
else XHRP2015 = TEMP_BT;

end;

else if XHRS2015 in (999) then XHRP2015 = 9999; *Unknown - hours worked unknown;

/* Provided after tax amount, but before-tax amount unknown */
else if LGD021BT in (99,999,9999,99999,999999) then XHRP2015 = 9999;

end;

/* Weekly business earnings (self-employed) */
else if LGD014 = 2 then do;

if XHRS2015 not in (999) then do;
if LGD019 not in (99999) then XHRP2015 = LGD019/XHRS2015;

```

```
else if LGD019 = 99999 then XHRP2015 = 9999; *Unknown weekly business earnings;
end;
/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2015 in (999) then XHRP2015 = 9999;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LGD016 = 4 then XHRP2015 = 9999;
else if LGD020 = 4 then XHRP2015 = 9999;
else if LGD001 = 3 then XHRP2015 = 9999;

end;

else if XLFS2015 in (2,3) then XHRP2015 = 9998; *Not working (unemployed or NILF);

end;

drop TEMP_AT TEMP_BT;
```

## Average hourly pay

### *XHRP2016*

#### Variable details

Cohort	Y09
Variable name	XHRP2016
Variable label	Derived: XHRP2016 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2016 = 1 then do;

if XLFS2016 = 1 then do;

/* Specified before tax */
if LHD020 in (1,3) then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LHD016 = 1 then do;
```

```

if XHRS2016 not in (999) then do;
/* Provided weekly pay */
if LHD015 in (1,4) or LHD014 = 3 then XHRP2016 = LHD016BT/XHRS2016;
/* Provided fortnightly pay */
else if LHD015 = 2 then XHRP2016 = LHD016BT/(2*XHRS2016);
/* Provided monthly pay */
else if LHD015 = 3 then XHRP2016 = LHD016BT/(4*XHRS2016);
end;
/* Working, but hourly pay unknown */
else if XHRS2016 = 999 then XHRP2016 = 9999;

end;

/* Provided hourly pay */
else if LHD016 = 3 then XHRP2016 = LHD017BT;

/* Provided annual pay */
else if LHD016 = 2 then do;

if XHRS2016 not in (999) then XHRP2016 = LHD018BT/(52*XHRS2016);
else if XHRS2016 = 999 then XHRP2016 = 9999; *Unknown - hourly pay provided but hours worked
unknown;

end;

end;

/* Before tax (previously specified after tax) */
else if LHD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LHD021BT in (9999,999999) then XHRP2016 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable. All amounts were converted to weekly amount to do a comparison. */
else if LHD021BT not in (9999,999999) and XHRS2016 not in (999) then do;

if LHD015 in (1,4) then TEMP_AT = LHD016AT/XHRS2016;
else if LHD015 = 2 then TEMP_AT = LHD016AT/(2*XHRS2016);
else if LHD015 = 3 then TEMP_AT = LHD016AT/(4*XHRS2016);

/* Provided weekly pay - includes those working in some other way */

```

```

if LHD021A = 3 then TEMP_BT = LHD021BT/XHRS2016;

/* Provided fortnightly pay */
else if LHD021A = 4 then TEMP_BT = LHD021BT/(2*XHRS2016);

/*Provided monthly pay*/
else if LHD021A = 5 then TEMP_BT = LHD021BT/(4*XHRS2016);

/* Provide hourly pay */
else if LHD021A = 1 then do;
TEMP_BT = LHD021BT;
if LHD017AT ne . and LHD016 = 3 then TEMP_AT = LHD017AT;
end;

/* Provided annual pay */
else if LHD021A = 6 then do;
TEMP_BT = LHD021BT/(52*XHRS2016);
if LHD018AT ne . and LHD016 = 2 then TEMP_AT = LHD018AT/(52*XHRS2016);
end;

/* Provided daily pay */
else if LHD021A = 2 then do;
TEMP_BT = LHD021BT*7/XHRS2016;
if LHD018AT ne . and LHD016 = 2 then TEMP_AT = LHD018AT/(52*XHRS2016);
if LHD017AT ne . and LHD016 = 3 then TEMP_AT = LHD017AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LHD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LHD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LHD015 in (1,4) or LHD014 = 3 then do;
TEMP_AT = LHD016AT/XHRS2016;
TEMP_BT = LHD021BT/XHRS2016;
end;
/* Provided fortnightly pay */
else if LHD015 = 2 then do;
TEMP_AT = LHD016AT/(2*XHRS2016);
TEMP_BT = LHD021BT/(2*XHRS2016);
end;

```

```

/* Provided monthly pay */
else if LHD015 = 3 then do;
TEMP_AT = LHD016AT/(4*XHRS2016);
TEMP_BT = LHD021BT/(4*XHRS2016);
end;

end;

/* Provided hourly pay */
else if LHD016 = 3 then do;
TEMP_AT = LHD017AT;
TEMP_BT = LHD021BT;
end;

/* Provided annual pay */
else if LHD016 = 2 then do;
TEMP_AT = LHD018AT/(52*XHRS2016);
TEMP_BT = LHD021BT/(52*XHRS2016);
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2016 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2016 = 9999;
else XHRP2016 = TEMP_BT;

end;

else if XHRS2016 in (999) then XHRP2016 = 9999; *Unknown - hours worked unknown;

/* Provided after tax amount, but before-tax amount unknown */
else if LHD021BT in (99,999,9999,99999,999999) then XHRP2016 = 9999;

end;

/* Weekly business earnings (self-employed) */
else if LHD014 = 2 then do;

if XHRS2016 not in (999) then do;
if LHD019 not in (99999) then XHRP2016 = LHD019/XHRS2016;
else if LHD019 = 99999 then XHRP2016 = 9999; *Unknown weekly business earnings;

```



```
end;
/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2016 in (999) then XHRP2016 = 9999;

end;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LHD016 = 4 then XHRP2016 = 9999;
else if LHD020 = 4 then XHRP2016 = 9999;
else if LHD001 = 3 then XHRP2016 = 9999;

end;

else if XLFS2016 in (2,3) then XHRP2016 = 9998; *Not working (unemployed or NILF);

end;

drop TEMP_AT TEMP_BT;
```

## Average hourly pay

### *XHRP2017*

#### Variable details

Cohort	Y09
Variable name	XHRP2017
Variable label	Derived: XHRP2017 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2017 = 1 then do;  
  
if XLFS2017 = 1 then do;  
  
/* Specified before tax */  
if LID020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LID016 = 1 then do;
```

```

if XHRS2017 not in (999) then do;
/* Provided weekly pay */
if LID015 in (1,4) or LID014 = 3 then XHRP2017 = LID016BT/XHRS2017;
/* Provided fortnightly pay */
else if LID015 = 2 then XHRP2017 = LID016BT/(2*XHRS2017);
/* Provided monthly pay */
else if LID015 = 3 then XHRP2017 = LID016BT/(4*XHRS2017);
end;

/* Working, but hourly pay unknown */
else if XHRS2017 = 999 then XHRP2017 = 9999;
end;

/* Provided hourly pay */
else if LID016 = 3 then XHRP2017 = LID017BT;
/* Provided annual pay */

else if LID016 = 2 then do;
if XHRS2017 not in (999) then XHRP2017 = LID018BT/(52*XHRS2017);
else if XHRS2017 = 999 then XHRP2017 = 9999; *Unknown - hourly pay provided but hours worked
unknown;
end;

end;

/* Before tax (previously specified after tax) */
else if LID020 = 2 then do;
/* Provided after tax amount, but before tax amount unknown */
if LID021BT in (9999,999999) then XHRP2017 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LID021BT not in (9999,999999) and XHRS2017 not in (999) then do;

if LID015 in (1,4) then TEMP_AT = LID016AT/XHRS2017;
else if LID015 = 2 then TEMP_AT = LID016AT/(2*XHRS2017);
else if LID015 = 3 then TEMP_AT = LID016AT/(4*XHRS2017);

/* Provided weekly pay - includes those working in some other way */
if LID021A = 3 then TEMP_BT = LID021BT/XHRS2017;

/* Provided fortnightly pay */

```

```

else if LID021A = 4 then TEMP_BT = LID021BT/(2*XHRS2017);

/*Provided monthly pay*/
else if LID021A = 5 then TEMP_BT = LID021BT/(4*XHRS2017);

/* Provide hourly pay */
else if LID021A = 1 then do;
TEMP_BT = LID021BT;
if LID017AT ne . and LID016 = 3 then TEMP_AT = LID017AT;
end;

/* Provided annual pay */
else if LID021A = 6 then do;
TEMP_BT = LID021BT/(52*XHRS2017);
if LID018AT ne . and LID016 = 2 then TEMP_AT = LID018AT/(52*XHRS2017);
end;

/* Provided daily pay */
else if LID021A = 2 then do;
TEMP_BT = LID021BT*7/XHRS2017;
if LID018AT ne . and LID016 = 2 then TEMP_AT = LID018AT/(52*XHRS2017);
if LID017AT ne . and LID016 = 3 then TEMP_AT = LID017AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LID021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LID016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LID015 in (1,4) or LID014 = 3 then do;
TEMP_AT = LID016AT/XHRS2017;
TEMP_BT = LID021BT/XHRS2017;
end;

/* Provided fortnightly pay */
else if LID015 = 2 then do;
TEMP_AT = LID016AT/(2*XHRS2017);
TEMP_BT = LID021BT/(2*XHRS2017);
end;

/* Provided monthly pay */

```

```

else if LID015 = 3 then do;
TEMP_AT = LID016AT/(4*XHRS2017);
TEMP_BT = LID021BT/(4*XHRS2017);
end;

end;

/* Provided hourly pay */
else if LID016 = 3 then do;
TEMP_AT = LID017AT;
TEMP_BT = LID021BT;
end;

/* Provided annual pay */
else if LID016 = 2 then do;
TEMP_AT = LID018AT/(52*XHRS2017);
TEMP_BT = LID021BT/(52*XHRS2017);
end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2017 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2017 = 9999;
else XHRP2017 = TEMP_BT;
end;

else if XHRS2017 in (999) then XHRP2017 = 9999; *Unknown - hours worked unknown;
/* Provided after tax amount, but before-tax amount unknown */
else if LID021BT in (99,999,9999,99999,999999) then XHRP2017 = 9999;
end;

/* Weekly business earnings (self-employed) */
else if LID014 = 2 then do;
if XHRS2017 not in (999) then do;
if LID019 not in (99999) then XHRP2017 = LID019/XHRS2017;
else if LID019 = 99999 then XHRP2017 = 9999; *Unknown weekly business earnings;
end;

/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2017 in (999) then XHRP2017 = 9999;
end;

```

```
/* Working, but unknown rate of pay, tax status or waiting to start job */  
else if LID016 = 4 then XHRP2017 = 9999;  
else if LID020 = 4 then XHRP2017 = 9999;  
else if LID001 = 3 then XHRP2017 = 9999;  
end;  
else if XLFS2017 in (2,3) then XHRP2017 = 9998; *Not working (unemployed or NILF);  
end;  
drop TEMP_AT TEMP_BT;
```

## Average hourly pay

### *XHRP2018*

#### Variable details

Cohort	Y09
Variable name	XHRP2018
Variable label	Derived: XHRP2018 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2018 = 1 then do;  
  
if XLFS2018 = 1 then do;  
  
/* Specified before tax */  
if LJD020 in (1,3) then do;  
  
/* Provided (weekly/fortnightly/monthly) pay */  
if LJD016 = 1 then do;
```

```

if XHRS2018 not in (999) then do;

/* Provided weekly pay */
if LJD015 in (1,4) or LJD014 = 3 then XHRP2018 = LJD016BT/XHRS2018;
/* Provided fortnightly pay */
else if LJD015 = 2 then XHRP2018 = LJD016BT/(2*XHRS2018);
/* Provided monthly pay */
else if LJD015 = 3 then XHRP2018 = LJD016BT/(4*XHRS2018);

end;

/* Working, but hourly pay unknown */
else if XHRS2018 = 999 then XHRP2018 = 9999;

end;

/* Provided hourly pay */
else if LJD016 = 3 then XHRP2018 = LJD017BT;
/* Provided annual pay */
else if LJD016 = 2 then do;
if XHRS2018 not in (999) then XHRP2018 = LJD018BT/(52*XHRS2018);
else if XHRS2018 = 999 then XHRP2018 = 9999; *Unknown - hourly pay provided but hours worked
unknown;
end;

end;

/* Before tax (previously specified after tax) */
else if LJD020 = 2 then do;

/* Provided after tax amount, but before tax amount unknown */
if LJD021BT in (9999,999999) then XHRP2018 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LJD021BT not in (9999,999999) and XHRS2018 not in (999) then do;

if LJD015 in (1,4) then TEMP_AT = LJD016AT/XHRS2018;
else if LJD015 = 2 then TEMP_AT = LJD016AT/(2*XHRS2018);
else if LJD015 = 3 then TEMP_AT = LJD016AT/(4*XHRS2018);

/* Provided weekly pay - includes those working in some other way */

```



```

if LJD021A = 3 then TEMP_BT = LJD021BT/XHRS2018;

/* Provided fortnightly pay */
else if LJD021A = 4 then TEMP_BT = LJD021BT/(2*XHRS2018);
/*Provided monthly pay*/
else if LJD021A = 5 then TEMP_BT = LJD021BT/(4*XHRS2018);

/* Provide hourly pay */
else if LJD021A = 1 then do;
TEMP_BT = LJD021BT;
if LJD017AT ne . and LJD016 = 3 then TEMP_AT = LJD017AT;
end;

/* Provided annual pay */
else if LJD021A = 6 then do;
TEMP_BT = LJD021BT/(52*XHRS2018);
if LJD018AT ne . and LJD016 = 2 then TEMP_AT = LJD018AT/(52*XHRS2018);
end;

/* Provided daily pay */
else if LJD021A = 2 then do;
TEMP_BT = LJD021BT*7/XHRS2018;
if LJD018AT ne . and LJD016 = 2 then TEMP_AT = LJD018AT/(52*XHRS2018);
if LJD017AT ne . and LJD016 = 3 then TEMP_AT = LJD017AT;
end;

/* Don't know - but still provided a before-tax amount */
else if LJD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LJD016 = 1 then do;

/* Provided weekly pay - includes those working in some other way */
if LJD015 in (1,4) or LJD014 = 3 then do;
TEMP_AT = LJD016AT/XHRS2018;
TEMP_BT = LJD021BT/XHRS2018;

end;

/* Provided fortnightly pay */
else if LJD015 = 2 then do;

TEMP_AT = LJD016AT/(2*XHRS2018);

```

```

TEMP_BT = LJD021BT/(2*XHRS2018);

end;

/* Provided monthly pay */
else if LJD015 = 3 then do;

TEMP_AT = LJD016AT/(4*XHRS2018);
TEMP_BT = LJD021BT/(4*XHRS2018);

end;

end;

/* Provided hourly pay */
else if LJD016 = 3 then do;

TEMP_AT = LJD017AT;
TEMP_BT = LJD021BT;

end;

/* Provided annual pay */
else if LJD016 = 2 then do;

TEMP_AT = LJD018AT/(52*XHRS2018);
TEMP_BT = LJD021BT/(52*XHRS2018);

end;

end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2018 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2018 = 9999;
else XHRP2018 = TEMP_BT;

end;

else if XHRS2018 in (999) then XHRP2018 = 9999; *Unknown - hours worked unknown;
/* Provided after tax amount, but before-tax amount unknown */
else if LJD021BT in (99,999,9999,99999,999999) then XHRP2018 = 9999;

```

```

end;

/* Weekly business earnings (self-employed) */
else if LJD014 = 2 then do;
if XHRS2018 not in (999) then do;
if LJD019 not in (99999) then XHRP2018 = LJD019/XHRS2018;
else if LJD019 = 99999 then XHRP2018 = 9999; *Unknown weekly business earnings;

end;

/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2018 in (999) then XHRP2018 = 9999;

end;

/* Don't receive income */
else if LJD014 = 998 then XHRP2018 = 9999;

/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LJD016 = 4 then XHRP2018 = 9999;
else if LJD020 = 4 then XHRP2018 = 9999;
else if LJD001 = 3 then XHRP2018 = 9999;

end;

else if XLFS2018 in (2,3) then XHRP2018 = 9998; *Not working (unemployed or NILF);

end;

drop TEMP_AT TEMP_BT;

```

## Average hourly pay

### *XHRP2019*

#### Variable details

Cohort	Y09
Variable name	XHRP2019
Variable label	Derived: XHRP2019 Average hourly pay
Topic area	Employment
Data type	Numeric
Survey wave	11

#### Description

The average hourly pay at the time of interview.

#### Formats

9998 = 9998 Not applicable  
9999 = 9999 Unknown

#### Notes

Values can fall within the range of 1 to 9997 dollars.

Take-home pay is recorded at wave 1, while gross weekly pay is recorded for all remaining waves.

This indicator includes those who are working for wages/salary or self-employed in their own business, and excludes those who are working in some 'other way'.

Gross pay is recorded for those who are working for wages or salary, while weekly business earnings are recorded for those who are self-employed.

No information is provided for respondents who: are working in ways other than for wages/salary or self-employed, are waiting to start work, did not provide a rate of pay, or provided their weekly/fortnightly/annual pay but did not provide their weekly hours worked.

#### Syntax

```
if in2019 = 1 then do;  
if XLFS2019 = 1 then do;  
/* Specified before tax */  
if LKD020 in (1,3) then do;  
/* Provided (weekly/fortnightly/monthly) pay */  
if LKD016 = 1 then do;  
if XHRS2019 not in (999) then do;  
/* Provided weekly pay */
```

```

if LKD015 in (1,4) or LKD014 = 3 then XHRP2019 = LKD016BT/XHRS2019;
/* Provided fortnightly pay */
else if LKD015 = 2 then XHRP2019 = LKD016BT/(2*XHRS2019);
/* Provided monthly pay */
else if LKD015 = 3 then XHRP2019 = LKD016BT/(4*XHRS2019);
end;
/* Working, but hourly pay unknown */
else if XHRS2019 = 999 then XHRP2019 = 9999;
end;
/* Provided hourly pay */
else if LKD016 = 3 then XHRP2019 = LKD017BT;
/* Provided annual pay */
else if LKD016 = 2 then do;
if XHRS2019 not in (999) then XHRP2019 = LKD018BT/(52*XHRS2019);
else if XHRS2019 = 999 then XHRP2019 = 9999; *Unknown - hourly pay provided but hours worked
unknown;
end;
end;
/* Before tax (previously specified after tax) */
else if LKD020 = 2 then do;
/* Provided after tax amount, but before tax amount unknown */
if LKD021BT in (9999,999999) then XHRP2019 = 9999;

/* Create new variables (TEMP_BT, TEMP_AT) to check if the after-tax and before-tax amount are
reasonable.
All amounts were converted to weekly amount to do a comparison. */
else if LKD021BT not in (9999,999999) and XHRS2019 not in (999) then do;

if LKD015 in (1,4) then TEMP_AT = LKD016AT/XHRS2019;
else if LKD015 = 2 then TEMP_AT = LKD016AT/(2*XHRS2019);
else if LKD015 = 3 then TEMP_AT = LKD016AT/(4*XHRS2019);

/* Provided weekly pay - includes those working in some other way */
if LKD021A = 3 then TEMP_BT = LKD021BT/XHRS2019;

/* Provided fortnightly pay */
else if LKD021A = 4 then TEMP_BT = LKD021BT/(2*XHRS2019);
/*Provided monthly pay*/
else if LKD021A = 5 then TEMP_BT = LKD021BT/(4*XHRS2019);

/* Provide hourly pay */
else if LKD021A = 1 then do;
TEMP_BT = LKD021BT;

```

```

if LKD017AT ne . and LKD016 = 3 then TEMP_AT = LKD017AT;
end;
/* Provided annual pay */
else if LKD021A = 6 then do;
TEMP_BT = LKD021BT/(52*XHRS2019);
if LKD018AT ne . and LKD016 = 2 then TEMP_AT = LKD018AT/(52*XHRS2019);
end;
/* Provided daily pay */
else if LKD021A = 2 then do;
TEMP_BT = LKD021BT*7/XHRS2019;
if LKD018AT ne . and LKD016 = 2 then TEMP_AT = LKD018AT/(52*XHRS2019);
if LKD017AT ne . and LKD016 = 3 then TEMP_AT = LKD017AT;
end;
/* Don't know - but still provided a before-tax amount */
else if LKD021A = 7 then do;

/* Provided (weekly/fortnightly/monthly) pay */
if LKD016 = 1 then do;
/* Provided weekly pay - includes those working in some other way */
if LKD015 in (1,4) or LKD014 = 3 then do;
TEMP_AT = LKD016AT/XHRS2019;
TEMP_BT = LKD021BT/XHRS2019;
end;

/* Provided fortnightly pay */
else if LKD015 = 2 then do;

TEMP_AT = LKD016AT/(2*XHRS2019);
TEMP_BT = LKD021BT/(2*XHRS2019);
end;
/* Provided monthly pay */
else if LKD015 = 3 then do;

TEMP_AT = LKD016AT/(4*XHRS2019);
TEMP_BT = LKD021BT/(4*XHRS2019);
end;
end;
/* Provided hourly pay */
else if LKD016 = 3 then do;

TEMP_AT = LKD017AT;
TEMP_BT = LKD021BT;
end;

```

```

/* Provided annual pay */
else if LKD016 = 2 then do;

TEMP_AT = LKD018AT/(52*XHRS2019);
TEMP_BT = LKD021BT/(52*XHRS2019);
end;
end;

/* Check before and after tax amounts are comparable: If before tax amount is more than twice or less
than the after tax amount, assign as missing */
if TEMP_BT/TEMP_AT >= 2 then XHRP2019 = 9999;
else if TEMP_BT < TEMP_AT then XHRP2019 = 9999;
else XHRP2019 = TEMP_BT;

end;

else if XHRS2019 in (999) then XHRP2019 = 9999; *Unknown - hours worked unknown;
/* Provided after tax amount, but before-tax amount unknown */
else if LKD021BT in (99,999,9999,99999,999999) then XHRP2019 = 9999;
end;

/* Weekly business earnings (self-employed) */
else if LKD014 = 2 then do;
if XHRS2019 not in (999) then do;
if LKD019 not in (99999) then XHRP2019 = LKD019/XHRS2019;
else if LKD019 = 99999 then XHRP2019 = 9999; *Unknown weekly business earnings;

end;

/* Unknown - weekly business earnings provided but hours worked unknown */
else if XHRS2019 in (999) then XHRP2019 = 9999;
end;
/* Don't receive income */
else if LKD014 = 998 then XHRP2019 = 9999;
/* Working, but unknown rate of pay, tax status or waiting to start job */
else if LKD016 = 4 then XHRP2019 = 9999;
else if LKD020 = 4 then XHRP2019 = 9999;
else if LKD001 = 3 then XHRP2019 = 9999;
end;
else if XLFS2019 in (2,3) then XHRP2019 = 9998; *Not working (unemployed or NILF);
end;
drop TEMP_AT TEMP_BT;

```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2009*

### Variable details

Cohort	Y09
Variable name	XOCC2009
Variable label	Derived: XOCC2009 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2009 = 1 then do;



```
if XLFS2009 = 1 then do;
if ANZSCO73 not in (0,9000) then XOCC2009 = input(substrn(left(ANZSCO73),1,1),1.);
*(Substring code - selects first digit of occupation);
else if ANZSCO73 in (.,0,9000) then XOCC2009 = 9; *Unknown or not classifiable;
end;

else if XLFS2009 in (2,3,99) then XOCC2009 = 10; *Not working (unemployed or NILF) - includes unknown
labour force status;

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2010*

### Variable details

Cohort	Y09
Variable name	XOCC2010
Variable label	Derived: XOCC2010 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	2

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2010 = 1 then do;

```
if XLFS2010 = 1 then do;
if not missing(LBD014) and LBD014 not in (0,9000) then XOCC2010 = input(substrn(left(LBD014),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LBD014 in (.,0,9000) then XOCC2010 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2010 in (2,3) then XOCC2010 = 10; *Not working (unemployed or NILF);

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2011*

### Variable details

Cohort	Y09
Variable name	XOCC2011
Variable label	Derived: XOCC2011 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	3

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2011 = 1 then do;

```
if XLFS2011 = 1 then do;
if not missing(LCD029) and LCD029 not in (0,9000) then XOCC2011 = input(substrn(left(LCD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LCD029 in (.,0,9000) then XOCC2011 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2011 in (2,3) then XOCC2011 = 10; *Not working (unemployed or NILF);

end;
```

# Occupation (1 digit ANZSCO First Edition)

*XOCC2012*

## Variable details

Cohort	Y09
Variable name	XOCC2012
Variable label	Derived: XOCC2012 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	4

## Description

The occupation at the time of interview.

## Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

## Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

## Syntax

if in2012 = 1 then do;

```
if XLFS2012 = 1 then do;
if not missing(LDD029) and LDD029 not in (0,9000) then XOCC2012 = input(substrn(left(LDD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LDD029 in (.,0,9000) then XOCC2012 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2012 in (2,3) then XOCC2012 = 10; *Not working (unemployed or NILF);

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2013*

### Variable details

Cohort	Y09
Variable name	XOCC2013
Variable label	Derived: XOCC2013 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	5

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2013 = 1 then do;



```
if XLFS2013 = 1 then do;
if not missing(LED029) and LED029 not in (0,9000) then XOCC2013 = input(substrn(left(LED029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LED029 in (.,0,9000) then XOCC2013 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2013 in (2,3) then XOCC2013 = 10; *Not working (unemployed or NILF);

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2014*

### Variable details

Cohort	Y09
Variable name	XOCC2014
Variable label	Derived: XOCC2014 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	6

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2014 = 1 then do;

```
if XLFS2014 = 1 then do;
if not missing(LFD029) and LFD029 not in (0,9000) then XOCC2014 = input(substrn(left(LFD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LFD029 in (.,0,9000) then XOCC2014 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2014 in (2,3) then XOCC2014 = 10; *Not working (unemployed or NILF);

end;
```

# Occupation (1 digit ANZSCO First Edition)

*XOCC2015*

## Variable details

Cohort	Y09
Variable name	XOCC2015
Variable label	Derived: XOCC2015 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	7

## Description

The occupation at the time of interview.

## Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

## Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

## Syntax

if in2015 = 1 then do;

```
if XLFS2015 = 1 then do;
if not missing(LGD029) and LGD029 not in (0,9000) then XOCC2015 =
input(substrn(left(LGD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LGD029 in (.,0,9000) then XOCC2015 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2015 in (2,3) then XOCC2015 = 10; *Not working (unemployed or NILF);

end;
```

# Occupation (1 digit ANZSCO First Edition)

*XOCC2016*

## Variable details

Cohort	Y09
Variable name	XOCC2016
Variable label	Derived: XOCC2016 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	8

## Description

The occupation at the time of interview.

## Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

## Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

## Syntax

if in2016 = 1 then do;

```
if XLFS2016 = 1 then do;
if not missing(LHD029) and LHD029 not in (0,9000) then XOCC2016 = input(substrn(left(LHD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LHD029 in (.,0,9000) then XOCC2016 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;

else if XLFS2016 in (2,3) then XOCC2016 = 10; *Not working (unemployed or NILF);

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2017*

### Variable details

Cohort	Y09
Variable name	XOCC2017
Variable label	Derived: XOCC2017 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	9

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2017 = 1 then do;



```
if XLFS2017 = 1 then do;
if not missing(LID029) and LID029 not in (0,9000) then XOCC2017 = input(substrn(left(LID029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LID029 in (.,0,9000) then XOCC2017 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;
else if XLFS2017 in (2,3) then XOCC2017 = 10; *Not working (unemployed or NILF);
end;
end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2018*

### Variable details

Cohort	Y09
Variable name	XOCC2018
Variable label	Derived: XOCC2018 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	10

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2018 = 1 then do;

```
if XLFS2018 = 1 then do;
if not missing(LJD029) and LJD029 not in (0,9000) then XOCC2018 = input(substrn(left(LJD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LJD029 in (.,0,9000) then XOCC2018 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;
else if XLFS2018 in (2,3) then XOCC2018 = 10; *Not working (unemployed or NILF);

end;
```

## Occupation (1 digit ANZSCO First Edition)

*XOCC2019*

### Variable details

Cohort	Y09
Variable name	XOCC2019
Variable label	Derived: XOCC2019 Occupation (1 digit ANZSCO First Edition)
Topic area	Employment
Data type	Numeric
Survey wave	11

### Description

The occupation at the time of interview.

### Formats

1 = 1 Managers
2 = 2 Professionals
3 = 3 Technicians and trades workers
4 = 4 Community and personal service workers
5 = 5 Clerical and administrative workers
6 = 6 Sales workers
7 = 7 Machinery operators and drivers
8 = 8 Labourers
9 = 9 Unknown or not classifiable
10 = 10 Not working (unemployed or NILF)

### Notes

Occupations are categorised using ANZSCO First Edition major groups.

This indicator uses ANZSCO major groups to classify occupations. The following ANZSCO groups are used: Managers, Professionals, Technicians and trades workers, Community and personal service workers, Clerical and administrative workers, Sales workers, Machinery operators and drivers and Labourers.

The category 'Unknown or not classifiable' is used to code respondents who are working but whose occupation is unknown, or not classifiable using the ANZSCO.

The category 'Not working (unemployed or NILF)' includes respondents whose labour force status is unknown.

### Syntax

if in2019 = 1 then do;

```
if XLFS2019 = 1 then do;
if not missing(LKD029) and LKD029 not in (0,9000) then XOCC2019 = input(substrn(left(LKD029),1,1),1.);
*(Substring code - selects first digit of occupation);
else if LKD029 in (.,0,9000) then XOCC2019 = 9; *Unknown or not classifiable (includes those waiting to
start job);
end;
else if XLFS2019 in (2,3) then XOCC2019 = 10; *Not working (unemployed or NILF);
end;
```

## In full-time employment or full-time education

### *XFTE2009*

#### Variable details

Cohort	Y09
Variable name	XFTE2009
Variable label	Derived: XFTE2009 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	1

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2009 = 1 then do;  
  
if XFTP2009 = 1 or XFTS2009 = 1 then XFTE2009 = 1; *Working full-time or studying full-time;  
else if XFTP2009 in (2,3) and XFTS2009 in (2,4) then XFTE2009 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2009 = 99 or XFTS2009 = 3 then XFTE2009 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2010*

#### Variable details

Cohort	Y09
Variable name	XFTE2010
Variable label	Derived: XFTE2010 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2010 = 1 then do;  
  
if XFTP2010 = 1 or XFTS2010 = 1 then XFTE2010 = 1; *Working full-time or studying full-time;  
else if XFTP2010 in (2,3) and XFTS2010 in (2,4) then XFTE2010 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2010 = 99 or XFTS2010 = 3 then XFTE2010 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2011*

#### Variable details

Cohort	Y09
Variable name	XFTE2011
Variable label	Derived: XFTE2011 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	3

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2011 = 1 then do;  
  
if XFTP2011 = 1 or XFTS2011 = 1 then XFTE2011 = 1; *Working full-time or studying full-time;  
else if XFTP2011 in (2,3) and XFTS2011 in (2,4) then XFTE2011 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2011 = 99 or XFTS2011 = 3 then XFTE2011 = 99; *Unknown employment or study status;  
  
end;
```



## In full-time employment or full-time education

### *XFTE2012*

#### Variable details

Cohort	Y09
Variable name	XFTE2012
Variable label	Derived: XFTE2012 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2012 = 1 then do;  
  
if XFTP2012 = 1 or XFTS2012 = 1 then XFTE2012 = 1; *Working full-time or studying full-time;  
else if XFTP2012 in (2,3) and XFTS2012 in (2,4) then XFTE2012 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2012 = 99 or XFTS2012 = 3 then XFTE2012 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2013*

#### Variable details

Cohort	Y09
Variable name	XFTE2013
Variable label	Derived: XFTE2013 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	5

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2013 = 1 then do;  
  
if XFTP2013 = 1 or XFTS2013 = 1 then XFTE2013 = 1; *Working full-time or studying full-time;  
else if XFTP2013 in (2,3) and XFTS2013 in (2,4) then XFTE2013 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2013 = 99 or XFTS2013 = 3 then XFTE2013 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2014*

#### Variable details

Cohort	Y09
Variable name	XFTE2014
Variable label	Derived: XFTE2014 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	6

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2014 = 1 then do;  
  
if XFTP2014 = 1 or XFTS2014 = 1 then XFTE2014 = 1; *Working full-time or studying full-time;  
else if XFTP2014 in (2,3) and XFTS2014 in (2,4) then XFTE2014 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2014 = 99 or XFTS2014 = 3 then XFTE2014 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2015*

#### Variable details

Cohort	Y09
Variable name	XFTE2015
Variable label	Derived: XFTE2015 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2015 = 1 then do;  
  
if XFTP2015 = 1 or XFTS2015 = 1 then XFTE2015 = 1; *Working full-time or studying full-time;  
else if XFTP2015 in (2,3) and XFTS2015 in (2,4) then XFTE2015 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2015 = 99 or XFTS2015 = 3 then XFTE2015 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2016*

#### Variable details

Cohort	Y09
Variable name	XFTE2016
Variable label	Derived: XFTE2016 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	8

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2016 = 1 then do;  
  
if XFTP2016 = 1 or XFTS2016 = 1 then XFTE2016 = 1; *Working full-time or studying full-time;  
else if XFTP2016 in (2,3) and XFTS2016 in (2,4) then XFTE2016 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2016 = 99 or XFTS2016 = 3 then XFTE2016 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2017*

#### Variable details

Cohort	Y09
Variable name	XFTE2017
Variable label	Derived: XFTE2017 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	9

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2017 = 1 then do;  
  
if XFTP2017 = 1 or XFTS2017 = 1 then XFTE2017 = 1; *Working full-time or studying full-time;  
else if XFTP2017 in (2,3) and XFTS2017 in (2,4) then XFTE2017 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2017 = 99 or XFTS2017 = 3 then XFTE2017 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

### *XFTE2018*

#### Variable details

Cohort	Y09
Variable name	XFTE2018
Variable label	Derived: XFTE2018 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The full-time engagement status at the time of interview.

#### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

#### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

#### Syntax

```
if in2018 = 1 then do;  
  
if XFTP2018 = 1 or XFTS2018 = 1 then XFTE2018 = 1; *Working full-time or studying full-time;  
else if XFTP2018 in (2,3) and XFTS2018 in (2,4) then XFTE2018 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2018 = 99 or XFTS2018 = 3 then XFTE2018 = 99; *Unknown employment or study status;  
  
end;
```

## In full-time employment or full-time education

*XFTE2019*

### Variable details

Cohort	Y09
Variable name	XFTE2019
Variable label	Derived: XFTE2019 In full-time employment or full-time education
Topic area	Employment
Data type	Numeric
Survey wave	11

### Description

The full-time engagement status at the time of interview.

### Formats

1 = 1 In full-time employment or full-time education  
0 = 0 Not in full-time employment or full-time education  
99 = 99 Unknown employment or study status

### Notes

This indicator categorises respondents as: in full-time employment or full-time education, not in full-time employment or full-time education, or unknown employment or study status (at the time of interview).

### Syntax

```
if in2019 = 1 then do;  
if XFTP2019 = 1 or XFTS2019 = 1 then XFTE2019 = 1; *Working full-time or studying full-time;  
else if XFTP2019 in (2,3) and XFTS2019 in (2,4) then XFTE2019 = 0; *Not working full-time and not  
studying full-time;  
else if XFTP2019 = 99 or XFTS2019 = 3 then XFTE2019 = 99; *Unknown employment or study status;  
end;
```



## Any spell of unemployment during the year

*XUNE2009*

### Variable details

Cohort	Y09
Variable name	XUNE2009
Variable label	Derived: XUNE2009 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	1

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

if in2009 = 1 then XUNE2009 = 99; \*Unknown;

## Any spell of unemployment during the year

### *XUNE2010*

#### Variable details

Cohort	Y09
Variable name	XUNE2010
Variable label	Derived: XUNE2010 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	2

#### Description

The presence of any spell of unemployment since the last interview.

#### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

#### Syntax

```
if in2010 = 1 then do;
/* Unemployed for any month during the year */
if LBF009A = 1 or LBF009B = 1 or LBF009C = 1 or LBF009D = 1 or LBF009E = 1 or
LBF009F = 1 or LBF009G = 1 or LBF009H = 1 or LBF009I = 1 or LBF009J = 1 or
LBF009K = 1 or LBF009L = 1 or LBF009M = 1 then XUNE2010 = 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LBF009A = 0 and LBF009B = 0 and LBF009C = 0 and LBF009D = 0 and LBF009E = 0 and
LBF009F = 0 and LBF009G = 0 and LBF009H = 0 and LBF009I = 0 and LBF009J = 0 and
LBF009K = 0 and LBF009L = 0 and LBF009M = 0 then XUNE2010 = 0; *No spell of unemployment;

/* No time unemployed during the year */
else if LBF008 in (.,0) then XUNE2010 = 0; *No spell of unemployment;
end;
```

## Any spell of unemployment during the year

*XUNE2011*

### Variable details

Cohort	Y09
Variable name	XUNE2011
Variable label	Derived: XUNE2011 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	3

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2011 = 1 then do;

/* Unemployed for any month during the year */
if LCF009B = 1 or LCF009C = 1 or LCF009D = 1 or LCF009E = 1 or LCF009F = 1 or
LCF009G = 1 or LCF009H = 1 or LCF009I = 1 or LCF009J = 1 or LCF009K = 1 or
LCF009L = 1 or LCF009M = 1 or LCF009N = 1 or LCF009O = 1 or LCF009P = 1 or
LCF009Q = 1 or LCF009R = 1 or LCF009S = 1 or LCF009T = 1 then XUNE2011 = 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LCF009B = 0 and LCF009C = 0 and LCF009D = 0 and LCF009E = 0 and LCF009F = 0 and
LCF009G = 0 and LCF009H = 0 and LCF009I = 0 and LCF009J = 0 and LCF009K = 0 and
LCF009L = 0 and LCF009M = 0 and LCF009N = 0 and LCF009O = 0 and LCF009P = 0 or
LCF009Q = 0 and LCF009R = 0 and LCF009S = 0 and LCF009T = 0 then XUNE2011 = 0; *No spell of
unemployment;
```

```
/* No time unemployed during the year */  
else if LCF008 in (.,0) then XUNE2011 = 0; *No spell of unemployment;  
  
end;
```

## Any spell of unemployment during the year

### *XUNE2012*

#### Variable details

Cohort	Y09
Variable name	XUNE2012
Variable label	Derived: XUNE2012 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	4

#### Description

The presence of any spell of unemployment since the last interview.

#### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

#### Syntax

```
if in2012 = 1 then do;  
  
/* Unemployed for any month during the year */  
if LDF008A = 0 then XUNE2012 = 1; *Spell of unemployment;  
  
/* Not unemployed for any month during the year */  
else if LDF008A = 1 or LDF007 in (.,0) then XUNE2012 = 0; *No spell of unemployment;  
  
end;
```

## Any spell of unemployment during the year

*XUNE2013*

### Variable details

Cohort	Y09
Variable name	XUNE2013
Variable label	Derived: XUNE2013 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	5

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2013 = 1 then do;

/* Unemployed for any month during the year */
if LEF008A = 1 or LEF008B = 1 or LEF008C = 1 or LEF008D = 1 or LEF008E = 1 or
LEF008F = 1 or LEF008G = 1 or LEF008H = 1 or LEF008I = 1 or LEF008J = 1 or
LEF008K = 1 or LEF008L = 1 or LEF008M = 1 or LEF008N = 1 or LEF008O = 1 or
LEF008P = 1 or LEF008Q = 1 or LEF008R = 1 or LEF008S = 1 or LEF008T = 1 or LEF008U = 1 then XUNE2013
= 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LEF008A = 0 and LEF008B = 0 and LEF008C = 0 and LEF008D = 0 and LEF008E = 0 and
LEF008F = 0 and LEF008G = 0 and LEF008H = 0 and LEF008I = 0 and LEF008J = 0 and
LEF008K = 0 and LEF008L = 0 and LEF008M = 0 and LEF008N = 0 and LEF008O = 0 and
LEF008P = 0 and LEF008Q = 0 and LEF008R = 0 and LEF008S = 0 and LEF008T = 0 or LEF008U = 0 then
XUNE2013 = 0; *No spell of unemployment;
```

```
/* No time unemployed during the year */  
else if LEF007 in (.,0) then XUNE2013 = 0; *No spell of unemployment;  
end;
```

## Any spell of unemployment during the year

*XUNE2014*

### Variable details

Cohort	Y09
Variable name	XUNE2014
Variable label	Derived: XUNE2014 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	6

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2014 = 1 then do;

/* Unemployed for any month during the year */
if      LFF008A = 1 or LFF008B = 1 or LFF008C = 1 or LFF008D = 1 or LFF008E = 1 or
LFF008F = 1 or LFF008G = 1 or LFF008H = 1 or LFF008I = 1 or LFF008J = 1 or
LFF008K = 1 or LFF008L = 1 or LFF008M = 1 or LFF008N = 1 or LFF008O = 1 or
LFF008P = 1 or LFF008Q = 1 or LFF008R = 1 or LFF008S = 1 or LFF008T = 1 or LFF008U = 1 then XUNE2014
= 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LFF008A = 0 and LFF008B = 0 and LFF008C = 0 and LFF008D = 0 and LFF008E = 0 and
LFF008F = 0 and LFF008G = 0 and LFF008H = 0 and LFF008I = 0 and LFF008J = 0 and
LFF008K = 0 and LFF008L = 0 and LFF008M = 0 and LFF008N = 0 and LFF008O = 0 and
LFF008P = 0 and LFF008Q = 0 and LFF008R = 0 and LFF008S = 0 and LFF008T = 0 and LFF008U = 0 then
XUNE2014 = 0; *No spell of unemployment;
```



```
/* No time unemployed during the year */  
else if LFF007 in (.,0) then XUNE2014 = 0; *No spell of unemployment;  
end;
```

## Any spell of unemployment during the year

### *XUNE2015*

#### Variable details

Cohort	Y09
Variable name	XUNE2015
Variable label	Derived: XUNE2015 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	7

#### Description

The presence of any spell of unemployment since the last interview.

#### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

#### Syntax

```
if in2015 = 1 then do;

/* Unemployed for any month during the year */
if LGF008A = 1 or LGF008B = 1 or LGF008C = 1 or LGF008D = 1 or LGF008E = 1 or
LGF008F = 1 or LGF008G = 1 or LGF008H = 1 or LGF008I = 1 or LGF008J = 1 or
LGF008K = 1 or LGF008L = 1 or LGF008M = 1 or LGF008N = 1 or LGF008O = 1 or
LGF008P = 1 or LGF008Q = 1 or LGF008R = 1 or LGF008S = 1 or LGF008T = 1 or LGF008U = 1 then
XUNE2015 = 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LGF008A = 0 and LGF008B = 0 and LGF008C = 0 and LGF008D = 0 and LGF008E = 0 and
LGF008F = 0 and LGF008G = 0 and LGF008H = 0 and LGF008I = 0 and LGF008J = 0 and
LGF008K = 0 and LGF008L = 0 and LGF008M = 0 and LGF008N = 0 and LGF008O = 0 and
LGF008P = 0 and LGF008Q = 0 and LGF008R = 0 and LGF008S = 0 and LGF008T = 0 or LGF008U = 0 then
XUNE2015 = 0; *No spell of unemployment;
```

```
/* No time unemployed during the year */  
else if LGF007 in (.,0) then XUNE2015 = 0; *No spell of unemployment;  
end;
```

## Any spell of unemployment during the year

*XUNE2016*

### Variable details

Cohort	Y09
Variable name	XUNE2016
Variable label	Derived: XUNE2016 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	8

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2016 = 1 then do;

/* Unemployed for any month during the year */
if LHF008A = 1 or LHF008B = 1 or LHF008C = 1 or LHF008D = 1 or LHF008E = 1 or
LHF008F = 1 or LHF008G = 1 or LHF008H = 1 or LHF008I = 1 or LHF008J = 1 or
LHF008K = 1 or LHF008L = 1 or LHF008M = 1 or LHF008N = 1 or LHF008O = 1 or
LHF008P = 1 or LHF008Q = 1 or LHF008R = 1 or LHF008S = 1 or LHF008T = 1 or LHF008U = 1 then
XUNE2016 = 1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LHF008A = 0 and LHF008B = 0 and LHF008C = 0 and LHF008D = 0 and LHF008E = 0 and
LHF008F = 0 and LHF008G = 0 and LHF008H = 0 and LHF008I = 0 and LHF008J = 0 and
LHF008K = 0 and LHF008L = 0 and LHF008M = 0 and LHF008N = 0 and LHF008O = 0 and
LHF008P = 0 and LHF008Q = 0 and LHF008R = 0 and LHF008S = 0 and LHF008T = 0 or LHF008U = 0 then
XUNE2016 = 0; *No spell of unemployment;
```

```
/* No time unemployed during the year */  
else if LHF007 in (.,0) then XUNE2016 = 0; *No spell of unemployment;  
  
end;
```

## Any spell of unemployment during the year

*XUNE2017*

### Variable details

Cohort	Y09
Variable name	XUNE2017
Variable label	Derived: XUNE2017 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	9

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2017 = 1 then do;
/* Unemployed for any month during the year */

if LIF008F = 1 or LIF008G = 1 or LIF008H = 1 or LIF008I = 1 or LIF008J = 1 or
LIF008K = 1 or LIF008L = 1 or LIF008M = 1 or LIF008N = 1 or LIF008O = 1 or
LIF008P = 1 or LIF008Q = 1 or LIF008R = 1 or LIF008S = 1 or LIF008T = 1 or LIF008U = 1 then XUNE2017 =
1; *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LIF008A = 0 and LIF008B = 0 and LIF008C = 0 and LIF008D = 0 and LIF008E = 0 and
LIF008F = 0 and LIF008G = 0 and LIF008H = 0 and LIF008I = 0 and LIF008J = 0 and
LIF008K = 0 and LIF008L = 0 and LIF008M = 0 and LIF008N = 0 and LIF008O = 0 and
LIF008P = 0 and LIF008Q = 0 and LIF008R = 0 and LIF008S = 0 and LIF008T = 0 or LIF008U = 0 then
XUNE2017 = 0; *No spell of unemploym
```

```
/* No time unemployed during the year */  
else if LIF007 in (.,0) then XUNE2017 = 0; *No spell of unemployment;  
end;
```

## Any spell of unemployment during the year

### *XUNE2018*

#### Variable details

Cohort	Y09
Variable name	XUNE2018
Variable label	Derived: XUNE2018 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	10

#### Description

The presence of any spell of unemployment since the last interview.

#### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

#### Syntax

```
if in2018 = 1 then do;

/* Unemployed for any month during the year */
if      LJF008A = 1 or LJF008B = 1 or LJF008C = 1 or LJF008D = 1 or LJF008E = 1 or
LJF008F = 1 or LJF008G = 1 or LJF008H = 1 or LJF008I = 1 or LJF008J = 1 or
LJF008K = 1 or LJF008L = 1 or LJF008M = 1 or LJF008N = 1 or LJF008O = 1 or
LJF008P = 1 or LJF008Q = 1 or LJF008R = 1 or LJF008S = 1 or LJF008T = 1 or LJF008U = 1
or (LJD001 = 0 and LJD002 = 0 and LJF001 =1) then XUNE2018 = 1;  *Spell of unemployment;

/* Not unemployed for any month during the year */
else if LJF008A = 0 and LJF008B = 0 and LJF008C = 0 and LJF008D = 0 and LJF008E = 0 and
LJF008F = 0 and LJF008G = 0 and LJF008H = 0 and LJF008I = 0 and LJF008J = 0 and
LJF008K = 0 and LJF008L = 0 and LJF008M = 0 and LJF008N = 0 and LJF008O = 0 and
LJF008P = 0 and LJF008Q = 0 and LJF008R = 0 and LJF008S = 0 and LJF008T = 0 or LJF008U = 0 then
XUNE2018 = 0; *No spell of unemploym
```



```
/* No time unemployed during the year */  
else if LJF007 in (.,0) then XUNE2018 = 0; *No spell of unemployment;  
  
end;
```

## Any spell of unemployment during the year

*XUNE2019*

### Variable details

Cohort	Y09
Variable name	XUNE2019
Variable label	Derived: XUNE2019 Any spell of unemployment during the year
Topic area	Employment
Data type	Numeric
Survey wave	11

### Description

The presence of any spell of unemployment since the last interview.

### Formats

1 = 1 Had spell of unemployment during the year  
0 = 0 Did not have spell of unemployment during the year  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: had a spell of unemployment during the year, did not have a spell of unemployment during the year, or unknown (at the time of interview).

### Syntax

```
if in2019 = 1 then do;
/* Unemployed for any month during the year */
if      LKF008A = 1 or LKF008B = 1 or LKF008C = 1 or LKF008D = 1 or LKF008E = 1 or
LKF008F = 1 or LKF008G = 1 or LKF008H = 1 or LKF008I = 1 or LKF008J = 1 or
LKF008K = 1 or LKF008L = 1 or LKF008M = 1 or LKF008N = 1 or LKF008O = 1 or
LKF008P = 1 or LKF008Q = 1 or LKF008R = 1 or LKF008S = 1 or LKF008T = 1 or LKF008U = 1
or (LKD001 = 0 and LKD002 = 0 and LKF001 =1) then XUNE2019 = 1;  *Spell of unemployment;
/* Not unemployed for any month during the year */
else if LKF008A = 0 and LKF008B = 0 and LKF008C = 0 and LKF008D = 0 and LKF008E = 0 and
LKF008F = 0 and LKF008G = 0 and LKF008H = 0 and LKF008I = 0 and LKF008J = 0 and
LKF008K = 0 and LKF008L = 0 and LKF008M = 0 and LKF008N = 0 and LKF008O = 0 and
LKF008P = 0 and LKF008Q = 0 and LKF008R = 0 and LKF008S = 0 and LKF008T = 0 or LKF008U = 0 then
XUNE2019 = 0; *No spell of unemployment;
/* No time unemployed during the year */
```

```
else if LKF007 in (.,0) then XUNE2019 = 0; *No spell of unemployment;  
end;
```

# Social

## Marital status

*XMAR2009*

### Variable details

Cohort	Y09
Variable name	XMAR2009
Variable label	Derived: XMAR2009 Marital status
Topic area	Social
Data type	Numeric
Survey wave	1

### Description

The marital status at the time of interview.

### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

### Syntax

```
if in2009 = 1 then XMAR2009 = 99; *Unknown;
```

## Marital status

### *XMAR2010*

#### Variable details

Cohort	Y09
Variable name	XMAR2010
Variable label	Derived: XMAR2010 Marital status
Topic area	Social
Data type	Numeric
Survey wave	2

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

if in2010 = 1 then XMAR2010 = 99; \*Unknown;

## Marital status

### *XMAR2011*

#### Variable details

Cohort	Y09
Variable name	XMAR2011
Variable label	Derived: XMAR2011 Marital status
Topic area	Social
Data type	Numeric
Survey wave	3

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

if in2011 = 1 then XMAR2011 = 99; \*Unknown;

## Marital status

### *XMAR2012*

#### Variable details

Cohort	Y09
Variable name	XMAR2012
Variable label	Derived: XMAR2012 Marital status
Topic area	Social
Data type	Numeric
Survey wave	4

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married
2 = 2 De facto
3 = 3 Single
4 = 4 Separated
5 = 5 Divorced
6 = 6 Widowed
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2012 = 1 then do;  
  
if LDH001 = 1 then XMAR2012 = 1; *Married;  
else if LDH001 = 2 then XMAR2012 = 2; *De facto;  
else if LDH001 = 3 then XMAR2012 = 3; *Single;  
else if LDH001 = 4 then XMAR2012 = 4; *Separated;  
else if LDH001 = 5 then XMAR2012 = 5; *Divorced;  
else if LDH001 = 6 then XMAR2012 = 6; *Widowed;  
  
end;
```

## Marital status

### *XMAR2013*

#### Variable details

Cohort	Y09
Variable name	XMAR2013
Variable label	Derived: XMAR2013 Marital status
Topic area	Social
Data type	Numeric
Survey wave	5

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2013 = 1 then do;  
  
if LEH001 = 1 then XMAR2013 = 1; *Married;  
else if LEH001 = 2 then XMAR2013 = 2; *Living with a partner;  
else if LEH001 = 3 then XMAR2013 = 3; *Single;  
else if LEH001 = 4 then XMAR2013 = 4; *Separated;  
else if LEH001 = 5 then XMAR2013 = 5; *Divorced;  
else if LEH001 = 6 then XMAR2013 = 6; *Widowed;  
  
end;
```



## Marital status

### *XMAR2014*

#### Variable details

Cohort	Y09
Variable name	XMAR2014
Variable label	Derived: XMAR2014 Marital status
Topic area	Social
Data type	Numeric
Survey wave	6

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2014 = 1 then do;  
  
if LFH001 = 1 then XMAR2014 = 1; *Married;  
else if LFH001 = 2 then XMAR2014 = 2; *Living with a partner;  
else if LFH001 = 3 then XMAR2014 = 3; *Single;  
else if LFH001 = 4 then XMAR2014 = 4; *Separated;  
else if LFH001 = 5 then XMAR2014 = 5; *Divorced;  
else if LFH001 = 6 then XMAR2014 = 6; *Widowed;  
  
end;
```

## Marital status

### *XMAR2015*

#### Variable details

Cohort	Y09
Variable name	XMAR2015
Variable label	Derived: XMAR2015 Marital status
Topic area	Social
Data type	Numeric
Survey wave	7

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married
2 = 2 De facto
3 = 3 Single
4 = 4 Separated
5 = 5 Divorced
6 = 6 Widowed
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2015 = 1 then do;  
  
if LGH001 = 1 then XMAR2015 = 1; *Married;  
else if LGH001 = 2 then XMAR2015 = 2; *Living with a partner;  
else if LGH001 = 3 then XMAR2015 = 3; *Single;  
else if LGH001 = 4 then XMAR2015 = 4; *Separated;  
else if LGH001 = 5 then XMAR2015 = 5; *Divorced;  
else if LGH001 = 6 then XMAR2015 = 6; *Widowed;  
else if LGH001 = 7 then XMAR2015 = 99; *Unknown/Refused to answer;  
end;
```

## Marital status

### *XMAR2016*

#### Variable details

Cohort	Y09
Variable name	XMAR2016
Variable label	Derived: XMAR2016 Marital status
Topic area	Social
Data type	Numeric
Survey wave	8

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married
2 = 2 De facto
3 = 3 Single
4 = 4 Separated
5 = 5 Divorced
6 = 6 Widowed
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2016 = 1 then do;

if LHH001 = 1 then XMAR2016 = 1; *Married;
else if LHH001 = 2 then XMAR2016 = 2; *Living with a partner;
else if LHH001 = 3 then XMAR2016 = 3; *Single;
else if LHH001 = 4 then XMAR2016 = 4; *Separated;
else if LHH001 = 5 then XMAR2016 = 5; *Divorced;
else if LHH001 = 6 then XMAR2016 = 6; *Widowed;
else if LHH001 = 7 then XMAR2016 = 99; *Unknown/Refused to answer;

end;
```

## Marital status

*XMAR2017*

### Variable details

Cohort	Y09
Variable name	XMAR2017
Variable label	Derived: XMAR2017 Marital status
Topic area	Social
Data type	Numeric
Survey wave	9

### Description

The marital status at the time of interview.

### Formats

1 = 1 Married
2 = 2 De facto
3 = 3 Single
4 = 4 Separated
5 = 5 Divorced
6 = 6 Widowed
99 = 99 Unknown

### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

### Syntax

```
if in2017 = 1 then do;

if LIH001 = 1 then XMAR2017 = 1; *Married;
else if LIH001 = 2 then XMAR2017 = 2; *Living with a partner;
else if LIH001 = 3 then XMAR2017 = 3; *Single;
else if LIH001 = 4 then XMAR2017 = 4; *Separated;
else if LIH001 = 5 then XMAR2017 = 5; *Divorced;
else if LIH001 = 6 then XMAR2017 = 6; *Widowed;
else if LIH001 = 7 then XMAR2017 = 99; *Unknown/Refused to answer;

end;
```

## Marital status

### *XMAR2018*

#### Variable details

Cohort	Y09
Variable name	XMAR2018
Variable label	Derived: XMAR2018 Marital status
Topic area	Social
Data type	Numeric
Survey wave	10

#### Description

The marital status at the time of interview.

#### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

#### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

#### Syntax

```
if in2018 = 1 then do;  
  
if LJH001 = 1 then XMAR2018 = 1; *Married;  
else if LJH001 = 2 then XMAR2018 = 2; *Living with a partner;  
else if LJH001 = 3 then XMAR2018 = 3; *Single;  
else if LJH001 = 4 then XMAR2018 = 4; *Separated;  
else if LJH001 = 5 then XMAR2018 = 5; *Divorced;  
else if LJH001 = 6 then XMAR2018 = 6; *Widowed;  
else if LJH001 = 7 then XMAR2018 = 99; *Unknown/Refused to answer;  
  
end;
```

## Marital status

*XMAR2019*

### Variable details

Cohort	Y09
Variable name	XMAR2019
Variable label	Derived: XMAR2019 Marital status
Topic area	Social
Data type	Numeric
Survey wave	11

### Description

The marital status at the time of interview.

### Formats

1 = 1 Married  
2 = 2 De facto  
3 = 3 Single  
4 = 4 Separated  
5 = 5 Divorced  
6 = 6 Widowed  
99 = 99 Unknown

### Notes

This indicator categorises respondents as: married, de facto, single, separated, divorced, widowed, or unknown.

### Syntax

```
if in2019 = 1 then do;  
if LKH001 = 1 then XMAR2019 = 1; *Married;  
else if LKH001 = 2 then XMAR2019 = 2; *Living with a partner;  
else if LKH001 = 3 then XMAR2019 = 3; *Single;  
else if LKH001 = 4 then XMAR2019 = 4; *Separated;  
else if LKH001 = 5 then XMAR2019 = 5; *Divorced;  
else if LKH001 = 6 then XMAR2019 = 6; *Widowed;  
else if LKH001 = 7 then XMAR2019 = 99; *Unknown/Refused to answer;  
end;
```

## Living with parent(s)

*XATH2009*

### Variable details

Cohort	Y09
Variable name	XATH2009
Variable label	Derived: XATH2009 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	1

### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

### Syntax

if in2009 = 1 then XATH2009 = 1; \*Living at home;

## Living with parent(s)

### *XATH2010*

#### Variable details

Cohort	Y09
Variable name	XATH2010
Variable label	Derived: XATH2010 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	2

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2010 = 1 then do;  
  
if LBH001 in (1,2) then XATH2010 = 1; *Living at home;  
else if LBH001 in (3,4,5,6) then XATH2010 = 0; *Not living at home;  
  
end;
```



## Living with parent(s)

### *XATH2011*

#### Variable details

Cohort	Y09
Variable name	XATH2011
Variable label	Derived: XATH2011 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	3

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2011 = 1 then do;  
  
if LCH001 in (1,2) then XATH2011 = 1; *Living at home;  
else if LCH001 in (3,4,5,6) then XATH2011 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2012*

#### Variable details

Cohort	Y09
Variable name	XATH2012
Variable label	Derived: XATH2012 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	4

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2012 = 1 then do;  
  
if LDH005 = 1 then XATH2012 = 1; *Living at home;  
else if LDH005 = 2 then XATH2012 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2013*

#### Variable details

Cohort	Y09
Variable name	XATH2013
Variable label	Derived: XATH2013 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	5

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2013 = 1 then do;  
  
if LEH005 = 1 then XATH2013 = 1; *Living at home;  
else if LEH005 = 2 then XATH2013 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2014*

#### Variable details

Cohort	Y09
Variable name	XATH2014
Variable label	Derived: XATH2014 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	6

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2014 = 1 then do;  
  
if LFH005 = 1 then XATH2014 = 1; *Living at home;  
else if LFH005 = 2 then XATH2014 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2015*

#### Variable details

Cohort	Y09
Variable name	XATH2015
Variable label	Derived: XATH2015 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	7

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2015 = 1 then do;  
  
if LGH005 = 1 then XATH2015 = 1; *Living at home;  
else if LGH005 = 2 then XATH2015 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2016*

#### Variable details

Cohort	Y09
Variable name	XATH2016
Variable label	Derived: XATH2016 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	8

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2016 = 1 then do;  
  
if LHH005 = 1 then XATH2016 = 1; *Living at home;  
else if LHH005 = 2 then XATH2016 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

*XATH2017*

### Variable details

Cohort	Y09
Variable name	XATH2017
Variable label	Derived: XATH2017 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	9

### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

### Syntax

```
if in2017 = 1 then do;  
  
if LIH005 = 1 then XATH2017 = 1; *Living at home;  
else if LIH005 = 2 then XATH2017 = 0; *Not living at home;  
  
end;
```

## Living with parent(s)

### *XATH2018*

#### Variable details

Cohort	Y09
Variable name	XATH2018
Variable label	Derived: XATH2018 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	10

#### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

#### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

#### Syntax

```
if in2018 = 1 then do;  
  
if LJH005 = 1 then XATH2018 = 1; *Living at home;  
else if LJH005 = 2 then XATH2018 = 0; *Not living at home;  
  
end;
```



## Living with parent(s)

*XATH2019*

### Variable details

Cohort	Y09
Variable name	XATH2019
Variable label	Derived: XATH2019 Living with parent(s)
Topic area	Social
Data type	Numeric
Survey wave	11

### Description

The living arrangements with respect to whether the respondent is living in their parental home at the time of interview.

### Formats

1 = 1 Living at home  
0 = 0 Not living at home  
99 = 99 Unknown

### Notes

This indicator describes whether respondents are living in their parental home or are living away from their parental home at the time of interview. It categorises respondents as: living at home, not living at home, or unknown.

The category 'Living at home' includes respondents who reported they are living with other relatives.

### Syntax

```
if in2019 = 1 then do;  
if LKH005 = 1 then XATH2019 = 1; *Living at home;  
else if LKH005 = 2 then XATH2019 = 0; *Not living at home;  
end;
```

## Living in own home

### *XOWN2009*

#### Variable details

Cohort	Y09
Variable name	XOWN2009
Variable label	Derived: XOWN2009 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	1

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

if in2009 = 1 then XOWN2009 = 3; \*Not Living in own home;

## Living in own home

### *XOWN2010*

#### Variable details

Cohort	Y09
Variable name	XOWN2010
Variable label	Derived: XOWN2010 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	2

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2010 = 1 then do;  
  
if LBH001 = 4 then XOWN2010 = 2; *Currently renting;  
else if LBH001 in (1,2,3,5) then XOWN2010 = 3; *Not Living in own home;  
else if LBH001 = 6 then XOWN2010 = 99; *Unknown;  
  
end;
```

## Living in own home

### *XOWN2011*

#### Variable details

Cohort	Y09
Variable name	XOWN2011
Variable label	Derived: XOWN2011 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	3

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2011 = 1 then do;  
  
if LCH001 = 4 then XOWN2011 = 2; *Currently renting;  
else if LCH001 in (1,2,3,5) then XOWN2011 = 3; *Not Living in own home;  
else if LCH001 = 6 then XOWN2011 = 99; *Unknown;  
  
end;
```

## Living in own home

### *XOWN2012*

#### Variable details

Cohort	Y09
Variable name	XOWN2012
Variable label	Derived: XOWN2012 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	4

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2012 = 1 then do;  
  
if LDH005 = 1 then XOWN2012 = 3; *Not Living in own home;  
else if LDH006 in (1,2) then XOWN2012 = 2; *Currently renting;  
else if LDH006 in (3,4) then XOWN2012 = 1; *Own or buying;  
else if LDH006 in (5,6,7,8) then XOWN2012 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2013*

#### Variable details

Cohort	Y09
Variable name	XOWN2013
Variable label	Derived: XOWN2013 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	5

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2013 = 1 then do;  
  
if LEH005 = 1 then XOWN2013 = 3; *Not Living in own home;  
else if LEH006 in (1,2) then XOWN2013 = 2; *Currently renting;  
else if LEH006 in (3,4) then XOWN2013 = 1; *Own or buying;  
else if LEH006 in (5,6,7,8) then XOWN2013 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2014*

#### Variable details

Cohort	Y09
Variable name	XOWN2014
Variable label	Derived: XOWN2014 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	6

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2014 = 1 then do;  
  
if LFH005 = 1 then XOWN2014 = 3; *Not Living in own home;  
else if LFH006 in (1,2) then XOWN2014 = 2; *Currently renting;  
else if LFH006 in (3,4) then XOWN2014 = 1; *Own or buying;  
else if LFH006 in (5,6,7,8) then XOWN2014 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2015*

#### Variable details

Cohort	Y09
Variable name	XOWN2015
Variable label	Derived: XOWN2015 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	7

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2015 = 1 then do;  
  
if LGH005 = 1 then XOWN2015 = 3; *Not Living in own home;  
else if LGH006 in (1,2) then XOWN2015 = 2; *Currently renting;  
else if LGH006 in (3,4) then XOWN2015 = 1; *Own or buying;  
else if LGH006 in (5,6,7,8) then XOWN2015 = 3; *Not living in own home;  
  
end;
```



## Living in own home

### *XOWN2016*

#### Variable details

Cohort	Y09
Variable name	XOWN2016
Variable label	Derived: XOWN2016 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	8

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2016 = 1 then do;  
  
if LHH005 = 1 then XOWN2016 = 3; *Not Living in own home;  
else if LHH006 in (1,2) then XOWN2016 = 2; *Currently renting;  
else if LHH006 in (3,4) then XOWN2016 = 1; *Own or buying;  
else if LHH006 in (5,6,7,8) then XOWN2016 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2017*

#### Variable details

Cohort	Y09
Variable name	XOWN2017
Variable label	Derived: XOWN2017 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	9

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2017 = 1 then do;  
  
if LIH005 = 1 then XOWN2017 = 3; *Not Living in own home;  
else if LIH006 in (1,2) then XOWN2017 = 2; *Currently renting;  
else if LIH006 in (3,4) then XOWN2017 = 1; *Own or buying;  
else if LIH006 in (5,6,7,8) then XOWN2017 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2018*

#### Variable details

Cohort	Y09
Variable name	XOWN2018
Variable label	Derived: XOWN2018 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	10

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2018 = 1 then do;  
  
if LJH005 = 1 then XOWN2018 = 3; *Not Living in own home;  
else if LJH006 in (1,2) then XOWN2018 = 2; *Currently renting;  
else if LJH006 in (3,4) then XOWN2018 = 1; *Own or buying;  
else if LJH006 in (5,6,7,8) then XOWN2018 = 3; *Not living in own home;  
  
end;
```

## Living in own home

### *XOWN2019*

#### Variable details

Cohort	Y09
Variable name	XOWN2019
Variable label	Derived: XOWN2019 Living in own home
Topic area	Social
Data type	Numeric
Survey wave	11

#### Description

The tenure type at the time of interview.

#### Formats

1 = 1 Currently own or buying  
2 = 2 Currently renting  
3 = 3 Not living in own home  
99 = 99 Unknown

#### Notes

This indicator describes whether respondents own (or are buying) their home at the time of interview. It categorises respondents as: currently own or buying, currently renting, not living in own home, or unknown.

#### Syntax

```
if in2019 = 1 then do;  
if LKH005 = 1 then XOWN2019 = 3; *Not Living in own home;  
else if LKH006 in (1,2) then XOWN2019 = 2; *Currently renting;  
else if LKH006 in (3,4) then XOWN2019 = 1; *Own or buying;  
else if LKH006 in (5,6,7,8) then XOWN2019 = 3; *Not living in own home;  
end;
```

## Number of dependent children

### *XCHI2009*

#### Variable details

Cohort	Y09
Variable name	XCHI2009
Variable label	Derived: XCHI2009 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	1

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

if in2009 = 1 then XCHI2009 = 99; \*Unknown;

## Number of dependent children

### *XCHI2010*

#### Variable details

Cohort	Y09
Variable name	XCHI2010
Variable label	Derived: XCHI2010 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	2

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

if in2010 = 1 then XCHI2010 = 99; \*Unknown;

## Number of dependent children

*XCHI2011*

### Variable details

Cohort	Y09
Variable name	XCHI2011
Variable label	Derived: XCHI2011 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	3

### Description

The number of dependent children at the time of interview.

### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

### Syntax

if in2011 = 1 then XCHI2011 = 99; \*Unknown;

# Number of dependent children

*XCHI2012*

## Variable details

Cohort	Y09
Variable name	XCHI2012
Variable label	Derived: XCHI2012 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	4

## Description

The number of dependent children at the time of interview.

## Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

## Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

## Syntax

```
if in2012 = 1 then do;  
  
if LDH011 = 1 then XCHI2012 = 2; *1 child;  
else if LDH011 = 2 then XCHI2012 = 3; *2 children;  
else if 3 <= LDH011 < 99 then XCHI2012 = 4; *3 or more children;  
else if LDH011 = 99 then XCHI2012 = 99; *Unknown number of children (refused);  
else if LDH008H = 0 then XCHI2012 = 1; *No children;  
else XCHI2012 = 99; *Unknown (not asked);  
  
end;
```



# Number of dependent children

## *XCHI2013*

### Variable details

Cohort	Y09
Variable name	XCHI2013
Variable label	Derived: XCHI2013 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	5

### Description

The number of dependent children at the time of interview.

### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

### Syntax

```
if in2013 = 1 then do;  
  
if LEH011 = 1 then XCHI2013 = 2; *1 child;  
else if LEH011 = 2 then XCHI2013 = 3; *2 children;  
else if 3 <= LEH011 < 99 then XCHI2013 = 4; *3 or more children;  
else if LEH011 = 99 then XCHI2013 = 99; *Unknown number of children (refused);  
else if LEH008H = 0 then XCHI2013 = 1; *No children;  
else XCHI2013 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

### *XCHI2014*

#### Variable details

Cohort	Y09
Variable name	XCHI2014
Variable label	Derived: XCHI2014 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	6

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

```
if in2014 = 1 then do;  
  
if LFH011 = 1 then XCHI2014 = 2; *1 child;  
else if LFH011 = 2 then XCHI2014 = 3; *2 children;  
else if 3 <= LFH011 < 99 then XCHI2014 = 4; *3 or more children;  
else if LFH011 = 99 then XCHI2014 = 99; *Unknown number of children (refused);  
else if LFH008H = 0 then XCHI2014 = 1; *No children;  
else XCHI2014 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

### *XCHI2015*

#### Variable details

Cohort	Y09
Variable name	XCHI2015
Variable label	Derived: XCHI2015 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	7

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

```
if in2015 = 1 then do;  
  
if LGH011 = 1 then XCHI2015 = 2; *1 child;  
else if LGH011 = 2 then XCHI2015 = 3; *2 children;  
else if 3 <= LGH011 < 99 then XCHI2015 = 4; *3 or more children;  
else if LGH011 = 99 then XCHI2015 = 99; *Unknown number of children (refused);  
else if LGH008H = 0 then XCHI2015 = 1; *No children;  
else XCHI2015 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

### *XCHI2016*

#### Variable details

Cohort	Y09
Variable name	XCHI2016
Variable label	Derived: XCHI2016 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	8

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

```
if in2016 = 1 then do;  
  
if LHH011 = 1 then XCHI2016 = 2; *1 child;  
else if LHH011 = 2 then XCHI2016 = 3; *2 children;  
else if 3 <= LHH011 < 99 then XCHI2016 = 4; *3 or more children;  
else if LHH011 = 99 then XCHI2016 = 99; *Unknown number of children (refused);  
else if LHH008H = 0 then XCHI2016 = 1; *No children;  
else XCHI2016 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

*XCHI2017*

### Variable details

Cohort	Y09
Variable name	XCHI2017
Variable label	Derived: XCHI2017 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	9

### Description

The number of dependent children at the time of interview.

### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

### Syntax

```
if in2017 = 1 then do;  
  
if LIH011 = 1 then XCHI2017 = 2; *1 child;  
else if LIH011 = 2 then XCHI2017 = 3; *2 children;  
else if 3 <= LIH011 < 99 then XCHI2017 = 4; *3 or more children;  
else if LIH011 = 99 then XCHI2017 = 99; *Unknown number of children (refused);  
else if LIH008H = 0 then XCHI2017 = 1; *No children;  
else XCHI2017 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

### *XCHI2018*

#### Variable details

Cohort	Y09
Variable name	XCHI2018
Variable label	Derived: XCHI2018 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	10

#### Description

The number of dependent children at the time of interview.

#### Formats

1 = 1 0 children  
2 = 2 1 child  
3 = 3 2 children  
4 = 4 3 or more children  
99 = 99 Unknown

#### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

#### Syntax

```
if in2018 = 1 then do;  
  
if LJH011 = 1 then XCHI2018 = 2; *1 child;  
else if LJH011 = 2 then XCHI2018 = 3; *2 children;  
else if 3 <= LJH011 < 99 then XCHI2018 = 4; *3 or more children;  
else if LJH011 = 99 then XCHI2018 = 99; *Unknown number of children (refused);  
else if LJH008H = 0 then XCHI2018 = 1; *No children;  
else XCHI2018 = 99; *Unknown (not asked);  
  
end;
```

## Number of dependent children

*XCHI2019*

### Variable details

Cohort	Y09
Variable name	XCHI2019
Variable label	Derived: XCHI2019 Number of dependent children
Topic area	Social
Data type	Numeric
Survey wave	11

### Description

The number of dependent children at the time of interview.

### Formats

1 = 1 0 children
2 = 2 1 child
3 = 3 2 children
4 = 4 3 or more children
99 = 99 Unknown

### Notes

This indicator uses the following categories: 0 children, 1 child, 2 children, 3 or more children, or unknown.

### Syntax

```
if in2019 = 1 then do;
if LKH011 = 1 then XCHI2019 = 2; *1 child;
else if LKH011 = 2 then XCHI2019 = 3; *2 children;
else if 3 <= LKH011 < 99 then XCHI2019 = 4; *3 or more children;
else if LKH011 = 99 then XCHI2019 = 99; *Unknown number of children (refused);
else if LKH008H = 0 then XCHI2019 = 1; *No children;
else XCHI2019 = 99; *Unknown (not asked);
end;
```







Longitudinal  
Surveys of  
Australian Youth



Australian Government  
Department of Education, Skills and Employment



**NCVER**

**National Centre for Vocational Education Research Ltd**

Level 5, 60 Light Square, Adelaide, South Australia

PO Box 8288, Station Arcade, SA 5000 Australia

Telephone +61 8 8230 8400

Web [www.ncver.edu.au](http://www.ncver.edu.au) Email [ncver@ncver.edu.au](mailto:ncver@ncver.edu.au)