

LONGITUDINAL SURVEYS  
OF AUSTRALIAN YOUTH  
TECHNICAL REPORT 73

# 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 73**

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Level 11, 33 King William Street, Adelaide, SA 5000  
PO Box 8288 Station Arcade, Adelaide SA 5000, Australia

P +61 8 8230 8400 F +61 8 8212 3436 E [ncver@ncver.edu.au](mailto:ncver@ncver.edu.au) W <<http://www.ncver.edu.au>>

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# 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

```
f 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;
```

## 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

```
/* Still at school */  
if in2010 = 1 and 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 in2010 = 1 and LBA001 = 2 then XCSL2010 = 6;  
/* Not in wave */
```



```
else if in2010 = 0 or missing(in2010) then XCSL2010 = .;  
/* Else assume not at school */  
else XCSL2010 = 6;
```

## 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

```
/* Still at school or returned to school */  
if in2011 = 1 and (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 in2011 = 1 and (LCA001 = 2 or LCA003 in (1,3)) then XCSL2011 = 6;  
/* Not in wave */  
else if in2011 = 0 or missing(in2011) then XCSL2011 = .;
```

```
/* Else assume not at school */  
else XCSL2011 = 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

```
/* 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 ;  
/* Not at school */  
else XHSL2009 = 99; * Not at school - year level unknown;
```

## 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

```
/* Still going to school */  
if in2010 = 1 and 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 in2010 = 1 and LBA001 in (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;  
end;
```

```

/* Left school in 2010 and finished before September - did not finish the year */
else if in2010 = 1 and LBA001 in (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 in2010 = 1 and LBA001 in (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 in2010 = 1 and LBA001 in (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 = 3 then XHSL2010 = 4; * Year 9 or below;
else if LBB001 = 4 then XHSL2010 = 4; * Year 9 or below;
end;

/* Not in wave */
else if in2010 = 0 or missing(in2010) then XHSL2010 = .;

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

```

# 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

```
/* Still going to school or returned to school */  
if in2011 = 1 and (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 in2011 = 1 and 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;  
end;
```

```

/* Left school in 2011 and finished before September - did not finish the year */
else if in2011 = 1 and LCA001 in (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 in2011 = 1 and LCA001 in (2) and LCA002M in (9,10,11,12,88) and LCA002Y = 10 then do;
if LCB001 in (1,2) then XHSL2011 = 1; * Year 12;
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 in2011 = 1 and LCA001 in (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;

/* Not in wave */
else if in2011 = 0 or missing(in2011) then XHSL2011 = .;

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

```



## 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

/\* No student 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

```
/* Still at school */  
if in2010 = 1 and LBA001 = 1 then XCEL2010 = 10; * Not enrolled;  
/* Still doing qualification in LBCA004/LBCA008 */
```

```

else if in2010 = 1 and (LBCA027 = 1 or LBCA005 = 1) then do;
if LBCA004 = 1 then XCEL2010 = 10; * Not enrolled;
else 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 (15,16,17,18,19) then XCEL2010 = 10; * Not enrolled;
end;

/* Still doing qualification in LBCC006/LBCC006 */
else if in2010 = 1 and 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 LBCA002 */
else if in2010 = 1 and 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 = 5 then XCEL2010 = 5; * Certificate - level unknown;
else if LBCC002 = 6 then XCEL2010 = 6; * Advanced Diploma/Diploma;
else if LBCC002 = 7 then XCEL2010 = 5; * Certificate - level unknown;
end;

/* Current study or training in LBC082 */
else if in2010 = 1 and LBC085 not in (.) then do;
if LBC085 = 1 then XCEL2010 = 10; * Not enrolled;
else 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) then XCEL2010 = 10; * Not enrolled;
end;

/* Never started study or training since leaving school */
else if in2010 = 1 and LBCA001 = 0 then XCEL2010 = 10;
/* Else not currently doing study or training */
else if in2010 = 1 and LBC082 = 4 then XCEL2010 = 10;
/* Not in wave*/
else if in2010 = 0 or missing(in2010) then XCEL2010 = .;

```

## 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

/\* Still at school or returned to school\*/

if in2011 = 1 and (LCA001 = 1 or LCA003 = 2) then XCEL2011 = 10; \* Not enrolled;

/\* Still doing studies from last year \*/

```

else if in2011 = 1 and (LCCA002 = 1 or LCCA006 = 1) then XCEL2011 = XCEL2010;
/* Still doing apprenticeship/training from last year */
else if in2011 = 1 and LCCA003 = 1 and LCCD007A = 1 then XCEL2011 = XCEL2010;
/* Still doing qualification in LCCA010/LCCA014 */
else if in2011 = 1 and (LCCA035 = 1 or LCCA011 = 1) then do;
if LCCA010 = 1 then XCEL2011 = 10; * Not enrolled;
else 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 (15,16,17,18,19) then XCEL2011 = 10; * Not enrolled;
end;

/* Still doing qualification in LCCC006/LCCC016 - after changing course */
else if in2011 = 1 and 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 LCCA008 */
else if in2011 = 1 and LCCA008 in (1,2) and 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 = 5 then XCEL2011 = 5; * Certificate - level unknown;
else if LCCD002 = 6 then XCEL2011 = 6; * Advanced Diploma/Diploma;
else if LCCD002 = 7 then XCEL2011 = 5; * Certificate - level unknown;
end;

```

```

/* Current study or training in LCC081 */
else if in2011 = 1 and 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 (1,15,16,17,18,19) then XCEL2011 = 10; * Not enrolled;
end;

/* Never started study or training since leaving school */
/*else if in2011 = 1 and LCCA007 = 0 then XCEL2011 = 10;*/
/* Else not currently doing study or training */
/*else if in2011 = 1 and LCC081 = 4 then XCEL2011 = 10;*/
/* Not in wave*/
else if in2011 = 0 or missing(in2011) then XCEL2011 = .;
/*Else assumed not enrolled*/
else XCEL2011 = 10;

```

## 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

/\* 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

```
XHEL2010 = .;  
if in2010 = 1 and not missing(XHEL2009) then XHEL2010 = XHEL2009;  
else if in2010 = 1 and missing(XHEL2009) then XHEL2010 = .;  
/* Still at school */
```

```

if in2010 = 1 and LBA001 = 1 and XHEL2010 not in (1,2,3,4,5,6,7,8,9) then XHEL2010 = 10;
/* Completed qualification in LBCA004/LBCA008 */
if in2010 = 1 and LBCA030 = 1 then do;
if LBCA004 = 1 and XHEL2010 not in (1,2,3,4,5,6,7,8,9) then XHEL2010 = 10; * Did not complete;
else 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 (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 LBCC006/LBCC007 */
if in2010 = 1 and 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 in2010 = 1 and 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 = 5 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 XCEL2010 = 6; * Advanced Diploma/Diploma;
else if LBCD002 = 7 and XHEL2010 not in (1,2,3,4,6,7,8,9) then XCEL2010 = 5; * Certificate - level unknown;
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

<p>The categories cover certificates through to postgraduate degrees.</p> <p>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.</p> <p>Respondents who have completed an apprenticeship or traineeship are categorised under the appropriate certificate level.</p>
--

### Syntax

<pre>XHEL2011 = .; if in2011 = 1 and not missing(XHEL2010) then XHEL2011 = XHEL2010; else if in2011 = 1 and missing(XHEL2010) then XHEL2011 = XHEL2009; /* Still at school or returned to school*/</pre>
--

```

if in2011 = 1 and (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 */
if in2011 = 1 and LCCA002 = 2 and LCCA038 = 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 last year's apprenticeship/traineeship */
if in2011 = 1 and 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;
end;

/* Completed qualification in LCCA010/LCCA014 */
if in2011 = 1 and LCCA038 = 1 then do;
if LCCA010 = 1 and XHEL2011 not in (1,2,3,4,5,6,7,8,9) then XHEL2011 = 10; * Did not complete;
else 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 (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 LCCC006/LCCC007 */
if in2011 = 1 and 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 */
if in2011 = 1 and LCCD018 = 1 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 = 5 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 XCEL2011 = 6; * Advanced Diploma/Diploma;
else if LCCD002 = 7 and XHEL2011 not in (1,2,3,4,6,7,8,9) then XCEL2011 = 5; * Certificate - level unknown;
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 ne 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;
/* Studying but status unknown */
else if (LBCB001 = 3 or LBCC017 = 3 or LBC084 = 3) then XFTS2010 = 3;
end;
/* Not studying */
else if XCSL2010 = 6 and XCEL2010 = 10 then XFTS2010 = 4;
/* Else status unknown */
else XFTS2010 = 3;
end;
/* Not in wave */
else if in2010 = 0 or missing(in2010) then XFTS2010 = .;
```



## 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 ne 10 then do; /* Has a current education level */  
/* Same as last year */  
if (LCCA002 = 1 or LCCA006 = 1) and LCCA050 = 1 then XFTS2011 = 1; /*Studying full-time;
```

```

else if (LCCA002 = 1 or LCCA006 = 1) and LCCA050 = 2 then XFTS2011 = 2; *Studying part-time;
/* Studying full time */
if (LCCB001 = 1 or LCCC017 = 1 or LCCD008 = 1 or LCC082 = 1 or LCC083 = 1)
then XFTS2011 = 1;
/* Studying part time */
else if (LCCB001 = 2 or LCCC017 = 2 or LCCD008 = 2 or LCC082 = 2 or LCC083 = 2)
then XFTS2011 = 2;
/* Studying but status unknown */
else if (LCCB001 = 3 or LCCC017 = 3 or LCC083 = 3) then XFTS2011 = 3;
end;
/* Not studying */
else if XCSL2011 = 6 and XCEL2011 = 10 then XFTS2011 = 4;
/* Else status unknown */
else XFTS2011 = 3;
end;
/* Not in wave */
else if in2011 = 0 or missing(in2011) then XFTS2011 = .;

```

## 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 doing bachelor degree */  
if XCEL2010 in (7,8,9) and XHEL2010 not in (7,8,9) then XBAC2010 = 1;  
/* Commenced but did not complete */  
else if (  
(LBCA004 in (11,12,13,14) and LBCA030 in (2,3,4))  
or  
(LBCC006 in (10,11,12,13) and LBCC025 in (2,3,4))  
)  
and XHEL2010 not in (7,8,9) then XBAC2010 = 4;  
/* Completed bachelor degree */
```

```

else if XCEL2010 not in (7,8,9) and XHEL2010 in (7,8,9) then XBAC2010 = 2;
/* Completed and undertaking further study */
else if XCEL2010 in (7,8,9) and XHEL2010 in (7,8,9) then XBAC2010 = 3;
/* Never commenced */
else if LBCA001 ne 1 and XBAC2009 = 5 and XCEL2010 not in (7,8,9) then XBAC2010 = 5;
else if LBCA001 = 1 and XBAC2009 = 5 and (LBCA004 not in (11,12,13,14) or LBCC006 not in (10,11,12,13)) then
XBAC2010 = 5;
/* Still in school - never commenced */
else if LBA001 = 1 then XBAC2010 = 5;
/* Else assume same as previous year */
else XBAC2010 = XBAC2009;
end;
/* Not in wave */
else if in2010 = 0 or missing(in2010) then XBAC2010 = .;

```

## 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;  
/* Currently doing bachelor degree */  
if XCEL2011 in (7,8,9) and XHEL2011 not in (7,8,9) then XBAC2011 = 1;  
/* Commenced but did not complete */  
else if ((LCCA010 in (11,12,13,14) and LCCA038 in (2,3,4))  
or(LCCC006 in (10,11,12,13) and LCCC025 in (2,3,4)))  
and XHEL2011 not in (7,8,9) then XBAC2011 = 4;  
/* Completed bachelor degree */  
else if XCEL2011 not in (7,8,9) and XHEL2011 in (7,8,9) then XBAC2011 = 2;  
/* Completed and undertaking further study */  
else if XCEL2011 in (7,8,9) and XHEL2011 in (7,8,9) then XBAC2011 = 3;
```

```

/* Never commenced */
else if LCCA007 ne 1 and XBAC2010 = 5 and XCEL2011 not in (7,8,9) then XBAC2011 = 5;
else if LCCA007 = 1 and XBAC2010 = 5 and (LCCA010 not in (11,12,13,14) or LCCC006 not in (10,11,12,13)) then
XBAC2011 = 5;
/* Still in school or returned to school - never commenced */
else if (LCA001 = 1 or LCA003 = 2) then XBAC2011 = 5;
/* Else assume same as previous year */
else if not missing(XBAC2010) and XBAC2010 ne 1 then XBAC2011 = XBAC2010;
else if missing(XBAC2010) and XBAC2009 ne 1 then XBAC2011 = XBAC2009;
end;
/* Not in wave */
else if in2011 = 0 or missing(in2011) then XBAC2011 = .;

```

## 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 - Never commenced */  
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

```
/* Currently undertaking - never completed anything higher */  
if in2010 = 1 and XCEL2010 in (1,2,3,4,5,6) and XHEL2010 not in (1,2,3,4,5,6) then XVET2010 = 1;  
/* Completed */  
else if in2010 = 1 and XHEL2010 in (1,2,3,4,5,6) then XVET2010 = 2;  
/* Commenced but did not complete/never commenced */  
else if in2010 = 1 and 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 in (1,3) then XVET2010 = 3;  
else if LBCA004 in (2,3,4,5,6,7,8,9,10) and LBCA027 in (0) and LBCA030 in (2,3,4) then XVET2010 = 3;  
else if LBCC006 in (1,2,3,4,5,6,7,8,9) and LBCC016 in (0) and LBCC025 in (2,3,4) then XVET2010 = 3;  
else if LBCD002 in (1,2,3,4,5,6,7) and LBCD007 in (0) and LBCD017 in (2,3,4) then XVET2010 = 3;  
/* Never commenced */  
else XVET2010 = 4;  
end;  
/* Not in wave */  
else if in2010 = 0 or missing(in2010) then XVET2010 = .;
```

## 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

```
/* Currently undertaking - never completed anything higher */  
if in2011 = 1 and XCEL2011 in (1,2,3,4,5,6) and XHEL2011 not in (1,2,3,4,5,6) then XVET2011 = 1;  
/* Completed */  
else if in2011 = 1 and XHEL2011 in (1,2,3,4,5,6) then XVET2011 = 2;  
/* Commenced but did not complete/never commenced */  
else if in2011 = 1 and 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 in (1,3) then XVET2011 = 3;  
else if LCCA010 in (2,3,4,5,6,7,8,9,10) and LCCA035 in (0) and LCCA038 in (2,3,4) then XVET2011 = 3;  
else if LCCC006 in (1,2,3,4,5,6,7,8,9) and LCCC016 in (0) and LCCC025 in (2,3,4) then XVET2011 = 3;  
else if LCCD002 in (1,2,3,4,5,6,7) and LCCD007 in (0) and LCCD018 in (2,3,4) then XVET2011 = 3;  
/* Never commenced */  
else XVET2011 = 4;  
end;  
/* Not in wave */  
else if in2011 = 0 or missing(in2011) then XVET2011 = .;
```

## 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

```
/* Completed year 12 or certificate II or higher */  
if in2009 = 1 and (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 in2009 = 1 and (XHSL2009 ne 1 and XHEL2009 not in (2,3,4,6,7,8,9)) then X1222009 = 2;  
/* Not in wave */  
else if in2009 in (.,0) then X1222009 = .;
```

## 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

```
/* Completed year 12 or certificate II or higher */  
if in2010 = 1 and (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 in2010 = 1 and (XHSL2010 ne 1 and XHEL2010 not in (2,3,4,6,7,8,9)) then X1222010 = 2;  
/* Not in wave */  
else if in2010 in (.,0) then X1222010 = .;
```

## 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

```
/* Completed year 12 or certificate II or higher */  
if in2011 = 1 and (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 in2011 = 1 and (XHSL2011 ne 1 and XHEL2011 not in (2,3,4,6,7,8,9)) then X1222011 = 2;  
/* Not in wave */  
else if in2011 in (.,0) then X1222011 = .;
```

## 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

```
/* Completed year 12 or certificate III or higher */  
if in2009 = 1 and (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 in2009 = 1 and (XHSL2009 ne 1 and XHEL2009 not in (3,4,6,7,8,9)) then X1232009 = 2;  
/* Not in wave */  
else if in2009 in (.,0) then X1232009 = .;
```



## 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

```
/* Completed year 12 or certificate III or higher */  
if in2010 = 1 and (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 in2010 = 1 and (XHSL2010 ne 1 and XHEL2010 not in (3,4,6,7,8,9)) then X1232010 = 2;  
/* Not in wave */  
else if in2010 in (.,0) then X1232010 = .;
```

## 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

```
/* Completed year 12 or certificate III or higher */  
if in2011 = 1 and (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 in2011 = 1 and (XHSL2011 ne 1 and XHEL2011 not in (3,4,6,7,8,9)) then X1232011 = 2;  
/* Not in wave */  
else if in2011 in (.,0) then X1232011 = .;
```

# 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; * NILF ;
else if ST70N01 = 9 then XLFS2009 = 99; * Unknown;
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,  
apprentices and trainees, and those in school holiday jobs */  
if LBD004 in (0,1) then XLFS2010 = 1; * Employed;  
/* Waiting to start */  
else if LBD001 in (3) then XLFS2010 = 1; * Employed;  
/* Not working and looking for work */  
else if LBF001 in (1) then XLFS2010 = 2; * Unemployed;  
/* Not working and not looking for work */  
else if LBF001 in (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,  
apprentices and trainees, and those in school holiday jobs */  
if LCD004 in (0,1) then XLFS2011 = 1; * Employed;  
/* Waiting to start */  
else if LCD001 in (3) then XLFS2011 = 1; * Employed;  
/* Not working and looking for work */  
else if LCF001 in (1) then XLFS2011 = 2; * Unemployed;  
/* Not working and not looking for work */  
else if LCF001 in (0) then XLFS2011 = 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 in (999) and ST71N02 in (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);
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) or LBD006 not in (.,999) then XHRS2010 = sum(LBD005, LBD006);*Hours worked;
else if LBD005 in (.,999) or LBD006 in (.,999) then XHRS2010 = 999;* Working, but weekly hours worked unknown
;
end ;
else if XLFS2010 in (2,3,99) 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) or LCD012 not in (.,999) or LCD013 not in (.,999) then XHRS2011 = sum(LCD011,
LCD012,LCD013);*Hours worked
else if LCD011 in (.,999) or LCD012 in (.,999) or LCD013 in (.,999) then XHRS2011 = 999;* Working, but weekly
hours worked unknown
end ;
else if XLFS2011 in (2,3,99) then XHRS2011 = 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 and 0 < XHRS2009 < 35 then XFTP2009 = 2; * Working part time;  
else if XLFS2009 = 1 and 35 <= XHRS2009 <= 100 then XFTP2009 = 1; * Working full time;  
else if XLFS2009 in (2,3,99) then XFTP2009 = 3; * Not working (unemployed or NILF) or unknown labour force status ;  
else if XHRS2009 in (999) then XFTP2009 = 99; * Working, but time unknown;  
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 and 0 < XHRS2010 < 35 then XFTP2010 = 2; * Working part time;  
else if XLFS2010 = 1 and 35 <= XHRS2010 <= 100 then XFTP2010 = 1; * Working full time;  
else if XLFS2010 in (2,3,99) then XFTP2010 = 3; * Not working (unemployed or NILF) or unknown labour force status ;  
else if XHRS2010 in (999) then XFTP2010 = 99; * Working but time unknown;  
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 and 0 < XHRS2011 < 35 then XFTP2011 = 2; * Working part time;  
else if XLFS2011 = 1 and 35 <= XHRS2011 <= 100 then XFTP2011 = 1; * Working full time;  
else if XLFS2011 in (2,3,99) then XFTP2011 = 3; * Not working (unemployed or NILF) or unknown labour force status ;  
else if XHRS2011 in (999) then XFTP2011 = 99; * Working but time unknown;  
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) or 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 in (2,3) then XEMP2010 = 3; * Not working (unemployed or NILF);  
else if XLFS2010 = 1 and LBD019 in (1) then XEMP2010 = 1; * Ongoing/permanent;  
else if XLFS2010 = 1 and LBD019 in (0,3) then XEMP2010 = 2; * Casual - includes unknown job entitlements ;  
else if LBD001 in (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 or employed in some other capacity;  
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 in (2,3) then XEMP2011 = 3; * Not working (unemployed or NILF);  
else if XLFS2011 = 1 and LCD025 in (1) then XEMP2011 = 1; * Ongoing/permanent;  
else if XLFS2011 = 1 and LCD025 in (0,3) then XEMP2011 = 2; * Casual - includes unknown job entitlements ;  
else if LCD001 in (3) or LCD018 in (2) then XEMP2011 = 99; *Working, but employment status unknown - includes
```

those waiting to start job, and those who are self employed;  
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

```
/* Never commenced */  
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;  
/* Finished apprenticeship/traineeship */  
else if LBCD017 = 1 then XATR2010 = 2;  
/* Still doing apprenticeship/traineeship */  
else if (LBCD007 = 1 or LBC082 in (1,2)) then XATR2010 = 1;  
/* Started but didn't complete apprenticeship/traineeship */  
else if LBCD017 in (2,3,4) then XATR2010 = 3;  
/* Never commenced */  
else if LBCA002 not in (1,2) and LBC082 not in (1,2) then XATR2010 = 4;  
end;
```

```
/* Not in wave */
```

```
else if in2010 = 0 or missing(in2010) then XATR2010 = .;
```

## 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;  
/* Finished apprenticeship/traineeship */  
else if LCCD018 = 1 then XATR2011 = 2;  
/* Still doing apprenticeship/traineeship */  
else if (LCCD007 = 1 or LCCD007A = 1 or LCC081 in (1,2)) then XATR2011 = 1;  
/* Started but didn't complete apprenticeship/traineeship */  
else if LCCD018 in (2,3,4) then XATR2011 = 3;  
/* Never commenced */  
else if LCCA008 not in (1,2) and LCC081 not in (1,2) and XATR2010 = 4 then XATR2011 = 4;  
/* 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;  
/* Not in wave */  
else if in2011 = 0 or missing(in2011) then XATR2011 = .;
```

## 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 XLFS2009 = 1 and XLFS2010 in (2,3) then XMOB2010 = 4; * No longer employed since last survey;  
else if XLFS2009 in (1) and XLFS2010 in (1) then XMOB2010 = 99; * Unknown ;  
else if XLFS2009 in (2,3) and XLFS2010 = 1 then XMOB2010 = 3; * Gained employment since last survey;  
else if XLFS2009 in (2,3) and XLFS2010 in (2,3) then XMOB2010 = 99; * Not in the labour force;  
else if XLFS2009 in (99) then XMOB2010 = 99; * Unknown ;  
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;
if XLFS2010 = 1 and XLFS2011 = 1 and (LCD007 in (1,4) or LCCD009 = 1)
then XMOB2011 = 1; * Same employer/job as last survey;
else if XLFS2010 = 1 and XLFS2011 = 1 and (LCD007 = 0 or LCCD009 = 0)
then XMOB2011 = 2; * Different employer/job from last survey;
else if (XLFS2010 = 1 or LCD007 = 0) and XLFS2011 in (2,3) then XMOB2011 = 4; * No longer employed since last survey;
else if (XLFS2010 in (2,3) or LCD007 = 3) and XLFS2011 = 1 then XMOB2011 = 3; * Gained employment since last survey;
else if XLFS2010 = 1 and XLFS2011 = 1 then XMOB2011 = 99; * Unknown ;
else if XLFS2010 in (2,3) and XLFS2011 in (2,3) then XMOB2011 = 99; * Not in the labour force;
end;
```



## 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;
if ST72N03 = 2 then XWKP2009 = round(((ST72N01+(ST72N02/100)),.01); * Weekly pay;
else if ST72N03 = 3 then XWKP2009 = round((((ST72N01+(ST72N02/100))/2),.01); * Fortnightly pay;
else if ST72N03 = 4 then XWKP2009 = round((((ST72N01+(ST72N02/100))/4),.01); * Monthly pay;
else if ST72N03 = 1 and XHRS2009 not in (999)
then XWKP2009 = round((((ST71N01+ST71N02)*(ST72N01+(ST72N02/100))),.01); * Hourly pay;
else if ST72N03 = 1 and XHRS2009 in (999) then XWKP2009 = 99999; *Unknown pay;
```

```
else if ST72N03 in (9) then XWKP2009 = 99999;*Unknown pay;  
end;  
else if ST72N01 in (9999) then XWKP2009 = 99999;*Unknown pay;  
end;  
else XWKP2009 = 99998; *Not working (unemployed or NILF) or 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 ;
if LBD008 in (1,4) and LBD009 = 1 and LBD009A ne . then XWKP2010 = round(LBD009A,.01); * Weekly pay ;
else if LBD008 = 2 and LBD009 = 1 and LBD009A ne . then XWKP2010 = round(LBD009A/2,.01); * Fortnightly pay;
else if LBD008 = 3 and LBD009 = 1 and LBD009A ne . then XWKP2010 = round(LBD009A/4,.01); * Monthly pay;
else if LBD009 = 2 and LBD011 ne . then XWKP2010 = LBD011/52; * Annual pay;
else if LBD009 = 3 and XHRS2010 not in (.,999) then XWKP2010 = LBD010*XHRS2010; *Hourly pay;
else if LBD009 = 3 and XHRS2010 = 999 then XWKP2010 = 99999; *Hourly pay provided but hours worked unknown;
else if LBD009 = 4 then XWKP2010 = 99999; * Unknown pay;
```

```
else if LBD007 = 2 and LBD012 not in (.,99999) then XWKP2010 = LBD012; * Weekly business earnings;  
else if LBD007 = 2 and LBD012= 99999 then XWKP2010 = LBD012; * Weekly business earnings unknown ;  
else if LBD007 = 3 or LBD001 = 3 then XWKP2010 = 99999; * If work in other way or waiting to start work  
then assign working but weekly pay unknown ;  
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 ;
if LCD019 in (1,4) and LCD020 ne . then XWKP2011 = LCD020; *Weekly pay;
else if LCD019 = 2 and LCD020 ne . then XWKP2011 = LCD020/2; *Fortnightly pay;
else if LCD019 = 3 and LCD020 ne . then XWKP2011 = LCD020/4; *Monthly pay;
else if LCD022 ne . then XWKP2011 = LCD022/52; *Annual pay;
else if LCD021 ne . and XHRS2011 not in (.,999) then XWKP2011 = LCD021*XHRS2011; *Hourly pay;
else if LCD021 ne . and XHRS2011 in (.,999) then XWKP2011 = 99999; *Hourly pay provided but hours worked
unknown;
```

```
else if LCD018 = 2 and LCD023 not in (.,99999) then XWKP2011 = LCD023; *Weekly business earnings;  
else if LCD018 = 2 and LCD023 in (.,99999) then XWKP2011 = 99999; * Weekly business earnings unknown ;  
else if LCD018 = 3 or LCD001 = 3 then XWKP2011 = 99999; * If work in other way or waiting to start work  
then assign working but weekly pay unknown ;  
else if LCD020 = . and LCD021 = . and LCD022 = . then XWKP2011 = 99999; *Unknown pay;  
end;  
else if XLFS2011 in (2,3) then XWKP2011 = 99998; *Not working (unemployed or NILF);  
end;
```

## 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;
if ST72N03 = 1 then XHRP2009 = ST72N01+(ST72N02/100); * Hourly pay ;
else if ST72N03 = 2 and XHRS2009 not in (999)
then XHRP2009 = (ST72N01+(ST72N02/100))/XHRS2009; * Weekly pay;
else if ST72N03 = 3 and XHRS2009 not in (999)
then XHRP2009 = (ST72N01+(ST72N02/100))/2/XHRS2009; * Fortnightly pay;
else if ST72N03 = 4 and XHRS2009 not in (999)
```

```
then XHRP2009 = (ST72N01+(ST72N02/100))/4/XHRS2009; * Monthly pay;
else if ST72N03 in (2,3,4) and XHRS2009 in (999) then XHRP2009 = 9999; *Unknown pay;
else if ST72N03 in (9) then XHRP2009 = 9999;*Unknown pay;
end;
else if ST72N01 in (9999) then XHRP2009 = 9999;*Unknown pay;
end;
else XHRP2009 = 9998; *Not working (unemployed or NILF) or 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;
/* Working for wages/salary */
if LBD009 in (1) and LBD008 in (1,4) and XHRS2010 not in (999) then XHRP2010 = LBD009A/XHRS2010; * Weekly pay
;
else if LBD009 in (1) and LBD008 in (2) and XHRS2010 not in (999) then XHRP2010 = LBD009A/2/XHRS2010; *
Fortnightly pay;
else if LBD009 in (1) and LBD008 in (3) and XHRS2010 not in (999) then XHRP2010 = LBD009A/4/XHRS2010; *
Monthly pay;
else if LBD009 in (2) then XHRP2010 = LBD011/52/XHRS2010; * Annual pay;
```

```

else if LBD009 in (3) then XHRP2010 = LBD010; *Hourly pay;
else if LBD009 in (1,2) and XHRS2010 in (999) then XHRP2010 = 9999; *Weekly/fortnightly/monthly/annual pay
provided but hours worked unknown;
else if LBD009 in (4) then XHRP2010 = 9999; * Unknown pay;
/* Self-employed */
else if LBD007 = 2 and LBD012 not in (99999) and XHRS2010 not in (999) then XHRP2010 = LBD012/XHRS2010; *
Weekly business earnings;
else if LBD007 = 2 and (LBD012 in (99999) or XHRS2010 in (999)) then XHRP2010 = 9999; * Weekly business earning
or hours unknown ;
/* If work in other way or waiting to start work then assign working but weekly pay unknown */
else if LBD007 = 3 or LBD001 in (3) then XHRP2010 = 9999;
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;
/* Working for wages/salary */
if LCD018 = 1 then do;
if LCD019 in (1,4) and XHRS2011 not in (.,999) and LCD020 ne . then XHRP2011 = LCD020/XHRS2011; * Weekly pay
;
else if LCD019 = 2 and XHRS2011 not in (.,999) and LCD020 ne . then XHRP2011 = LCD020/2/XHRS2011; *
Fortnightly pay;
else if LCD019 = 3 and XHRS2011 not in (.,999) and LCD020 ne . then XHRP2011 = LCD020/4/XHRS2011; * Monthly
pay;
```

```
else if LCD021 not in (.,999) then XHRP2011 = LCD021; *Hourly pay;
else if LCD022 not in (.,999999) and XHRS2011 not in (.,999) then XHRP2011 = LCD022/52/XHRS2011; * Annual
pay;
else XHRP2011 = 9999; *Hourly pay unknown;
end;
/* Self-employed */
else if LCD018 = 2 then do;
if XHRS2011 not in (.,999) and LCD023 not in (.,99999) then XHRP2011 = LCD023/XHRS2011; * Weekly business
earnings;
else XHRP2011 = 9999; *Hourly pay unknown;
end;
/* If work in other way or waiting to start work then assign working but weekly pay unknown */
else if LCD018 = 3 or LCD001 = 3 then XHRP2011 = 9999;
end;
else if XLFS2011 in (2,3) then XHRP2011 = 9998; *Not working (unemployed or NILF);
end;
```

## 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

```
XOCC12009 = substrn(left(ANZSCOQ73),1,1);  
if in2009 = 1 then do;  
if XLFS2009 in (1) then do ;
```

```
if ANZSCOQ73 not in (0,9000) then XOCC2009 = input(XOCC12009,1.);  
else if ANZSCOQ73 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) ;  
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

```
XOCC12010 = substrn(left(LBD014),1,1);  
if in2010 = 1 then do;  
if XLFS2010 = 1 then do ;
```

```
if not missing(LBD014) and LBD014 not in (0,9000) then XOCC2010 = input(XOCC12010,1.);  
else if LBD014 in (0,9000) then XOCC2010 = 9; * Unknown or not classifiable;  
else if missing(LBD014) then XOCC2010 = 9; * Unknown or not classifiable (for those who are waiting to start  
work);  
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

```
XOCC12011 = substrn(left(LCD029),1,1);  
if in2011 = 1 then do;  
if XLFS2011 = 1 then do ;
```

```
if not missing(LCD029) and LCD029 not in (0,9000) then XOCC2011 = input(XOCC12011,1.);  
else if LCD029 in (0,9000) then XOCC2011 = 9; * Unknown or not classifiable;  
else if missing(LCD029) then XOCC2011 = 9; * Unknown or not classifiable (for those who are waiting to start  
work);  
end;  
else if XLFS2011 in (2,3) then XOCC2011 = 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 = 99 or XFTS2009 = 3 then XFTE2009 = 99; *Unknown;  
end;  
else XFTE2009 = 0; * Not working full time or not study full time;
```

## 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 = 99 or XFTS2010 = 3 then XFTE2010 = 99; *Unknown employment or study status;  
else if XFTP2010 in (2,3) and XFTS2010 in (2,4) then XFTE2010 = 0; *Not working full-time and not studying full-time;  
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 = 99 or XFTS2011 = 3 then XFTE2011 = 99; *Unknown employment or study status;  
else if XFTP2011 in (2,3) and XFTS2011 in (2,4) then XFTE2011 = 0; *Not working full-time and not studying  
full-time;  
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 = 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;
```



# 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;

## 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 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 in (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;
```

## 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;



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**Department of Education, Employment  
and Workplace Relations**



**NCVER**

National Centre for Vocational Education Research Ltd  
Level 11, 33 King William Street, Adelaide, South Australia  
PO Box 8288, Station Arcade, SA 5000 Australia  
Telephone +61 8 8230 8400 Facsimile +61 8 8212 3436  
Website [www.ncver.edu.au](http://www.ncver.edu.au) Email [ncver@ncver.edu.au](mailto:ncver@ncver.edu.au)