Field Description	Field Abbreviation	Field Length	Field Type	Field Version
DLHE population	**XPDLHE02**	**1**	**Char**	**1.6.1**

VALID ENTRIES

Entries in Student/AP student and DLHE records:

0	The instance is NOT counted within the DLHE Target population
1	The instance is counted within the DLHE Target population

Entry existing in Student/AP student record only:

2	The instance is not counted within the DLHE Target population but this instance refers to a further qualifying award

Entries existing in DLHE record only:

3	Link to Student/AP student record, but Instance.ENDDATE and DLHE census value incompatible or cannot be linked to a record in the DLHE Target population
_	No link to Student/AP student record

Standard definition
Students identified in the HESA Destination of Leavers from Higher Education (DLHE) Target population are those submitted to HESA within the reporting period 1 August Y1 to 31 July Y2 who have obtained relevant qualifications and whose study was full-time or part-time (including sandwich students and those writing-up theses). Awards from dormant status are not included in the target population, except for postgraduate research qualifications. Note that from 2011/12, the DLHE Target population was extended to include students from the subset identified above who were domiciled from outside the EU. Prior to this only UK and EU-domiciled students were included in the DLHE target population.

This derived field is used to identify the DLHE Survey population supplied back to higher education providers following their Student or AP student record submission.

ADDITIONAL INFORMATION

This field is first derived on either the Cyy051 Student record or Cyy054 AP student record. Within the DLHE record, provision needs to be made for incoming records for which there will be no link to the Cyy051 or Cyy054 records, and hence no information in the derived field. In these cases the appropriate entry in the DLHE version only of this field will be created as an underscore, indicating no link to the Cyy051 or Cyy054 record.

From 2003-04, date of leaving (DATELEFT, now Instance.ENDDATE) has been included in the derivation of the DLHE population. To be included in the DLHE population from the reporting period, records must have a relevant qualification and a date of leaving within the reporting period. First stage validation has also been enhanced to reflect this change, in that students with an HE qualification should complete Instance.ENDDATE with a date equal to or before 31 July of the reporting period. Therefore, the code > 31-JUL-Y1+1 or blank has been included in the specification for clarification.

From 2005/06, code 2 (The instance is not counted within the DLHE Target population but this instance refers to a further qualifying award) has been assigned to identify those records where a student holds more than one qualifying award. Only one record for a student will qualify for inclusion in the population but additional records which meet the criteria for inclusion are identified. This allows linking the DLHE records back to all relevant student records.

From 2007/08 there was a change to analysing explicitly by instance and allowing for any student to have one instance to be assigned code 1 (The instance is counted within the DLHE Target population) in each census period (rather than one in each reporting period). The census periods are for students gaining a relevant award/qualification between August to December and/or January to July, so that for the majority of students completing a programme in either autumn or summer they are surveyed six months after completion. The list of QualificationsAwarded.QUAL codes was also been updated.

From 2011/12, the coverage of the record was changed, and the name of the field changed to XPDLHE02, with the population now including all leavers from all domiciles and not being restricted to UK and European Union-domiciled leavers.

There are, however, a number of exceptions to this total-coverage population, with the following exclusions (where applicable to the record):

(1) Students obtaining the following higher education qualifications:
• Intercalated degrees;
• Awards for Visiting students (on the grounds that most will go back to another higher education provider);
• Post-registration health and social care awards (on the assumption that these are likely to be currently-employed students);
• Professional qualifications for serving schoolteachers (on the assumption that these are likely to be currently-employed students);
• Awards of credit.

(2) Students studying mainly overseas.

(3) Incoming exchange students.

(4) Deceased students.

(5) Qualifications awarded from dormant status, except Postgraduate Research qualifications.

DEPENDENT FIELDS

XPUBPOPD01

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION IN THE CYY051 STUDENT RECORD

Step 1: Initial exclusions (Table 1)

First, ineligible instances are removed (i.e. LOCSDY ‘S’, incoming exchange students, students with a null or ‘05’ RSNEND and dormant mode students (unless PGR students)). These are set as an XPDLHE02 value of '0'.

Table 1

Instance. INTERCALATE	Instance. LOCSDY	Instance. EXCHANGE	Instance. RSNEND	Instance. MODE	First character of XOBTND01	XPDLHE02
01						0
Null	S					0
	6, 9, C, D, E, H, J, K, T, U, Z, null	4, G				0
		N, Y, Z, null	05 or null			0
			Otherwise	63,64	E, M, H, I, J, C, $, _	0
					D,L	Go to Table 2
				Otherwise		Go to Table 2

Step 2: Identifying qualifying instances and assigning a value of XPDLHE02 (Table 2):

Instances with only excluded QualificationsAwarded.QUALs, and/or non-excluded QUALs that occur outside the census periods (that is, Aug-Dec ‘April census’, and Jan-July ‘January census’), are set to a XPDLHE02 value of '0'.

(1) If there is only a single qualifying instance within a census period, this instance is assigned an XPDLHE02 value of ‘1’.

(2) For the Student.HUSIDs where there are multiple qualifying instances within a census period, identify the highest ranked of the qualifications associated with any of the instances. Ranking is done in accordance with the ordering in derived field XOBTND01, with the highest value considered to be the one first in the list. Where this highest ranked qualification is present in more than one instance, then assign the record with the lowest INSTANCEKEY to XPDLHE02 = ‘1’, and assign the remaining XPDLHE02 values for that census period to ‘2’.

(3) Where the highest ranked qualification is only present for one of the multiple instances within a census period, select that instance and assign XPDLHE02 = ‘1’. Assign remaining instances for that HUSID and census period to XPDLHE02 = ‘2’.

The listing in Table 2 below starts with the highest qualification appearing first and ends with the lowest (this listing is a subset of values in QualificationsAwarded.QUAL, with codes M22, M26 and M28 appearing immediately before H codes).

Y1 is obtained by concatenating the first two digits from year in the system date with the first two digits of RECID, e.g. 01 for 2001/02.

Table 2

XOBTND01 (ordered by highest qualification first)	Instance. ENDDATE	Number of matching instances	Associated QUAL(s) position in heirarchy	INSTANCE	XPDLHE02
D00, D01, E00, E43, L00, M00, M01, M02, M10, M11, M16, M50, M71, E40, L80, M40, M41, M42, M43, M44, M45, M70, M78, M79, M80, M86, M88, M22, M26, M28, H00, H11, H12, H16, H18, H22, H23, H50, I00, I11, I12, I16, H41, H42, H43, H60, H61, H62, H70, H71, H78, H79, H80, H81, H88, I60, I61, I70, I71, I73, I74, I79, I80, I81, J10, J16, J20, J26, J30, J41, J42, J43, J45, J80, C20, C30, C41, C42, C43, C77, C78, C80	> 31-JUL-Y1 and <= 31-DEC-Y1	More than 1	One or more equally high	Lowest INSTANCEKEY value	1
				Other instances	2
			Otherwise	Instance with highest ranked qualification	1
				Other instances	2
		1			1
	>= 01-JAN-Y2 and <= 31-JUL-Y2	More than 1	One or more equally high	Lowest INSTANCEKEY value	1
				Other instances	2
			Otherwise	Instance with highest ranked qualification	1
				Other instances	2
		1			1
	< 01-AUG-Y1 or > 31-JUL-Y2 or blank				0
D90, E90, L90, L91, M72, M76, M90, M91, H24, H72, H76, H90, H91, I72, I76, I90, I91, J76, J90, C90, $$$, ___					0

TECHNICAL SPECIFICATION IN THE CYY054 AP STUDENT RECORD

Step 1: Initial exclusions (Table 1)

First, ineligible instances are removed (i.e. LOCSDY ‘S’, incoming exchange students, students with a null or ‘05’ RSNEND and suspended study ('dormant') students). These are set as an XPDLHE02 value of '0'. (Note that the AP student record makes use of fields from a rolled-up Instance_End analysis table which reflects the position of the student in the last active instance period.)

Table 1

Instance_End. LOCSDY	**Instance_End. EXCHIND**	**Instance. RSNEND**	**Instance. XINACT01**	**First character of XOBTND01**	**XPDLHE02**
S					0
6, 9, D, E, T, U, Z	1				0
	2, 3	05 or null			0
		Otherwise	1	E, M, H, I, J, C, $, _	0
				D,L	Go to Table 2
			0		Go to Table 2

Step 2: Identifying qualifying instances and assigning a value of XPDLHE02 (Table 2):

In the AP student record an instance may have many associated instance periods, each with up to two qualifications awarded. An instance may therefore have a large number of associated qualifications. Each instance has derived field XOBTND01 calculated to indicate the single highest-ranking qualification within all associated QualificationsAwarded.QUALs for that instance.

Instances with only excluded QualificationsAwarded.QUALs, and/or non-excluded QUALs that occur outside the census periods (that is, Aug-Dec ‘April census’, and Jan-July ‘January census’), are set to a XPDLHE02 value of '0'.

(1) If there is only a single qualifying instance within a census period, this instance is assigned an XPDLHE02 value of ‘1’.

(2) For the Student.HUSIDs where there are multiple qualifying instances within a census period, identify the highest ranked of the qualifications associated with any of the instances. Ranking is done in accordance with the ordering in derived field XOBTND01, with the highest value considered to be the one first in the list. Where this highest ranked qualification is present in more than one instance, then assign the record with the lowest INSTANCEKEY to XPDLHE02 = ‘1’, and assign the remaining XPDLHE02 values for that census period to ‘2’.

(3) Where the highest ranked qualification is only present for one of the multiple instances within a census period, select that instance and assign XPDLHE02 = ‘1’. Assign remaining instances for that HUSID and census period to XPDLHE02 = ‘2’.

The listing in Table 2 below starts with the highest qualification appearing first and ends with the lowest (this listing is a subset of values in QualificationsAwarded.QUAL, with codes M22, M26 and M28 appearing immediately before H codes).

Y1 is obtained by concatenating the first two digits from year in the system date with the first two digits of RECID, e.g. 01 for 2001/02.

Table 2

XOBTND01 (ordered by highest qualification first)	Instance. ENDDATE	Number of matching instances	Associated QUAL(s) position in hierarchy	INSTANCE	XPDLHE02
D00, D01, E00, E43, L00, M00, M01, M02, M10, M11, M16, M50, M71, E40, L80, M40, M41, M42, M43, M44, M45, M70, M78, M79, M80, M86, M88, M22, M26, M28, H00, H11, H12, H16, H18, H22, H23, H50, I00, I11, I12, I16, H41, H42, H43, H60, H61, H62, H70, H71, H78, H79, H80, H81, H88, I60, I61, I70, I71, I73, I74, I79, I80, I81, J10, J16, J20, J26, J30, J41, J42, J43, J45, J80, C20, C30, C41, C42, C43, C77, C78, C80	> 31-JUL-Y1 and <= 31-DEC-Y1	More than 1	One or more equally high	Lowest INSTANCEKEY value	1
				Other instances	2
			Otherwise	Instance with highest ranked qualification	1
				Other instances	2
		1			1
	>= 01-JAN-Y2 and <= 31-JUL-Y2	More than 1	One or more equally high	Lowest INSTANCEKEY value	1
				Other instances	2
			Otherwise	Instance with highest ranked qualification	1
				Other instances	2
		1			1
	< 01-AUG-Y1 or > 31-JUL-Y2 or blank				0
D90, E90, L90, L91, M72, M76, M90, M91, H24, H72, H76, H90, H91, I72, I76, I90, I91, J76, J90, C90, $$$, ___					0

TECHNICAL SPECIFICATION IN DLHE RECORD

The value of XPDLHE02 in the DLHE record is based on the value in the linked record(s) in the Student or AP student record, where one can be made. However, it contains additional values to account for DLHE records submitted which either have no direct link to the Student or AP student record, or have a link to the Student or AP student record but there is incompatible information on survey dates. A provider will submit data in one of either the Student or AP student records, not both. Consequently, there is no need to account for matching data in the DLHE record to **both** the Student and AP student records.

A: Dealing with responses with no link to a Student or AP student record instance
Where one or more records exist in the DLHE record for a HUSID + INSTID, but no link can be made to an INSTANCEKEY in the Student or AP student record, set the DLHE XPDLHE02 value(s) to an underscore ('_') and pad DLHE INSTANCEKEY with underscores to the length of the field, to indicate that no link is possible.

B: Dealing with multiple submissions which link to the same instance
Where more than one record exists in the DLHE record for a HUSID + INSTID, and this can be linked to only one INSTANCEKEY in the Student or AP student record, set the DLHE TEMP VALUE in the earliest submitted DLHE record to that of the Student or AP student record XPDLHE02 value as applicable, and populate DLHE INSTANCEKEY with the associated Student or AP student record INSTANCEKEY value. Set the TEMP VALUE value for the DLHE record submitted second to '3' and pad DLHE INSTANCEKEY with underscores to the length of the field, to indicate that no link is possible.

C: Dealing with single submissions
Where a record exists in the DLHE record for a HUSID + INSTID, and this can be linked to one INSTANCEKEY in the Student or AP student record, set DLHE XPDLHE02 to the value held by the Student or AP student record instance as applicable and populate DLHE INSTANCEKEY with that associated student or AP student record INSTANCEKEY value.

D: Dealing with single responses with links to multiple Student or AP student record instances
Where a record exists in the DLHE record for a HUSID + INSTID, and this can be linked to multiple instances in the Student or AP student record, set DLHE TEMP VALUE to the value held by the lowest Student or AP student record INSTANCEKEY and populate DLHE INSTANCEKEY with the associated Student or AP student record INSTANCEKEY value.

Further processing on TEMP VALUE:

E: Dealing with non-target responses
Where one or more records exist in the DLHE record for a HUSID + INSTID, and all the instances for that HUSID + INSTID in the Student or AP student record have the TEMP VALUE '0', set the DLHE XPDLHE02 value to '0' and populate the DLHE INSTANCEKEY with the associated Student or AP student record INSTANCEKEY value.

F: Dealing with single DLHE record-Student/AP student record instance matches
Where a DLHE record is submitted and there is a matching Student or AP student record INSTANCEKEY with TEMP VALUE = '1' for the correct Instance.ENDDATE (i.e. Student.APRJAN = '1' in DLHE for April census links to Instance.ENDDATE > 31-JUL-Y1 and <= 31-DEC-Y1, and Student.APRJAN = '2' in DLHE for January census links to Instance.ENDDATE >= 01-JAN-Y2 and <= 31-JUL-Y2), then set DLHE XPLHE02 to '1'. If the ENDDATE and APRJAN values do not align, then set DLHE XPLHE02 to '3' and replace DLHE INSTANCEKEY with underscores to the length of the field, to indicate that no link is possible.

G: Dealing with all other responses Where a DLHE record is submitted which has not been matched above, then set XPDLHE02 ='3', and replace DLHE INSTANCEKEY with underscores to the length of the field, to indicate that no link is possible.

	HUSID+INSTID match in Student/AP student record	Number of DLHE records for HUSID+INSTID	Number of matching instances	DLHE XPDLHE02 or TEMP VALUE
A	HUSID+INSTID not found in Student/AP student			_
B	HUSID+INSTID found in Student/AP student	>1	1	Set TEMP VALUE of first-submitted DLHE record to that held in Student/AP student XPDLHE02, second DLHE record TEMP VALUE to 3
C			>1	Set TEMP VALUE of each DLHE record to that held in linked Student/AP student instance XPDLHE02
C		1	1	Set TEMP VALUE of DLHE record to that held in linked Student/AP student instance XPDLHE02
D			>1	Set TEMP VALUE of first-submitted DLHE record to that held in Student/AP student XPDLHE02, second DLHE record TEMP VALUE to 3

Further processing on TEMP VALUE:

	TEMP VALUE	Student/AP student Instance.ENDDATE range	DLHE Student.APRJAN	DLHE XPDLHE02 value
E	0			0
F	1	April range (i.e. > 31-JUL-Y1 and <= 31-DEC-Y1	1	1
			Otherwise	3
		January range (i.e. >= 01-JAN-Y2 and <= 31-JUL-Y2	2	1
			Otherwise	3
G	Otherwise			3

Revision 1.4.1 2014-09-12 (Valid entry label text changed for consistency, ensuring the labels all refer to Student and DLHE 'record'. Higher education profile (HEP) name change applied to field.)

Revision 1.5.1 2014-10-16 (Addition of new section in the Technical Specification to allow for processing in the AP student record, with a corresponding update to the Definition and Additional Information sections to describe the derivation of this derived field on that record. Technical Specification section describing the behaviour in the DLHE record likewise updated to refer to the AP student record. Labels for valid entries '3' and '_' amended to additionally refer to this record.)

Revision 1.6.1 2015-07-21 (Amendment to the AP student record section in the Technical Specification, correcting the derivation table for the treatment of XINACT01 values of 0 and 1.)