KIS Unistats output file and check documentation definitions

Version 1.4 Produced 2013-09-26

Introduction

Unistats, which incorporates the KIS, provides course level information on all undergraduate higher education courses provided in the UK, which are of at least one year's duration and consist of 120 or more credits of study. Full details of the Unistats' coverage are provided at www.hesa.ac.uk\c13061\coverage.

The Unistats dataset consists of information provided directly by higher education institutions (HEIs) and further education colleges (FECs) who offer courses of higher education. These data have been joined to a variety of sources including the Destinations of Leavers survey (to provide information on employment outcomes) and the National Student Survey (to provide information on student satisfaction). The Unistats dataset is used to populate the Unistats widgets, which institutions display on the course pages of their website, and to populate the Unistats website. Institutions are able to update their Unistats data to add new courses, reflect changes in provision and correct data error during the year. The most recent version of the Unistats data is available to download from the HESA website (http://www.hesa.ac.uk/unistatsdata). Initial publication of the dataset is in September 2013 and updates will thereafter be made on a weekly basis.
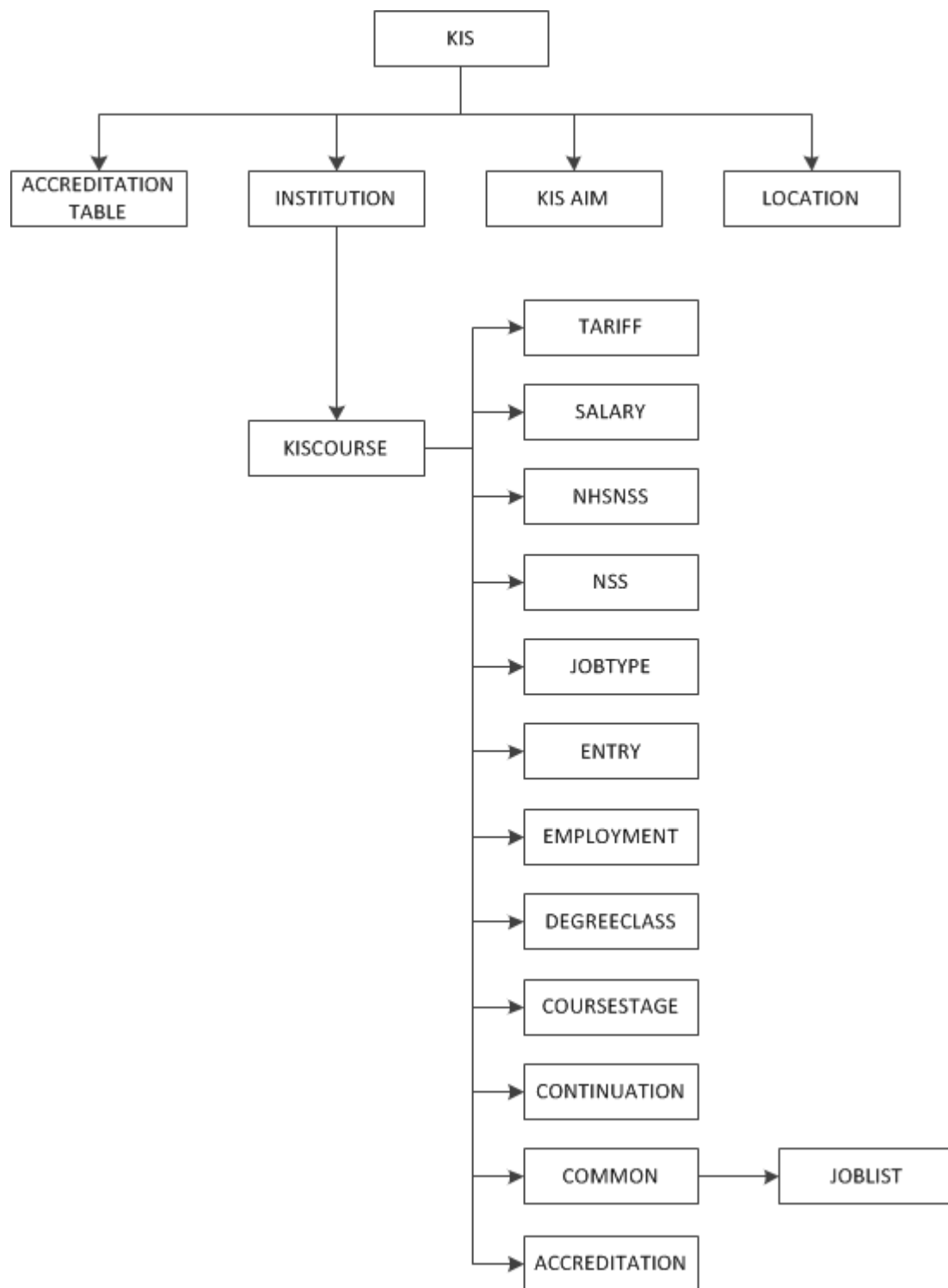
This document is provided to aid users' understanding of the fields contained within the Unistats dataset. The majority of the document consists of a series of tables explaining the definition of each field (or group of fields). When a field has been collected directly from the institution as part of the KIS collection, a link to its definition on the HESA website is provided. The annexes contain further information about how data are aggregated and rounded to prevent the potential identification of individuals, and how some fields are calculated.

The downloadable data contains a complete copy of the Unistats dataset. It is provided as a single XML file, along with a schema definition (xsd) file, describing the XML's structure. The diagram overleaf gives an overview of how the entities which comprise the Unistats data are related.

The UNISTATS file is provided singly to institutions and at sector level following the initial publication of the dataset in the autumn. The file contains data items which are supplied by the institution as part of the KIS submission and a number of additional fields which are either derived or provided from other records such as the HESA Student and DLHE records, the ILR and the NSS.

The tables below contain details of the fields that are not provided directly by the institution as part of the KIS submission.

Unistats structure 2013/14

Institution

Entity name	Institution
Description	This entity contains fields relating to the reporting institution
Min/max occurs	1/unbounded
Parent entity	KIS
Notes	Further information and technical guidance on the fields submitted by the institution as part of this entity can be found at http://www.hesa.ac.uk/C13061/A/Institution.html.

The Institution entity contains the following additional fields which are derived from the submitted data or provided from other records:

Field name	Institution.PUBUKPRN
Description	Publishing UKPRN
Field type	Numeric
Min/Max occurs	1/1
Field length	8
Parent entity	Institution
Notes	This is the instituion where the course is primarily taught. If the course is taught at multiple institutions, PUBUKPRN is set to the reporting institution. Therefore PUBUKPRN will always be unique.

Field name	Institution.Q24
Description	NSS question
Field type	Numeric
Min/Max occurs	0/1
Field length	3
Parent entity	Institution
Derived from	The NSS survey
Notes	Proportion of students who "agree" or "strongly agree" with question 24 on the NSS (Q 28 on the NHSNSS): "I am satisfied with the Students' Union at my institution'". (Question 23 is not included in Unistats; this was for free text responses.)

Field name	Institution.Q24POP
Description	Population of students who responded to the NSS
Field type	Numeric
Min/Max occurs	0/1
Field length	5
Parent entity	Institution
Derived from	The NSS survey
Notes	The number of students who responded to the NSS in 2013 and therefore could contribute to Q24.

Field name	Institution.COUNTRY
Description	Country of institution
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Institution
Derived from	UKPRN
Notes	This field records the country in which the main institution is located and is used for the purposes of validation

KIS course

Entity name	KISCourse
Description	This entity contains elements relating to the KIS course
Min/max occurs	1/unbounded
Parent entity	KISCourse
Notes	Further information and technical guidance on the fields submitted by the institution as part of this entity can be found at http://www.hesa.ac.uk/C13061/A/KISCourse.html.

The KISCourse entity contains the following additional fields which are derived from the submitted data:

Field name	KISCourse.AVGCOURSEWORK
Description	Average of the course assessed by coursework
Field type	Numeric
Min/Max occurs	0/1
Field length	3
Parent entity	KISCourse
Derived from	The KIS data file submitted by the institution
Notes	This is the average of the COURSEWORK element taken over all COURSESTAGEs which contain an element of assessment.

Field name	KISCourse.AVGSCHEDULED
Description	Average of course spent in scheduled learning and teaching activities
Field type	Numeric
Min/Max occurs	0/1
Field length	3
Parent entity	KISCourse
Derived from	The KIS data file submitted by the institution
Notes	This is the average of the SCHEDULED element taken over all COURSESTAGEs.

Field name	KISCourse.AVGWRITTEN
Description	Average of course assessed by written exams
Field type	Numeric
Min/Max occurs	0/1
Field length	3
Parent entity	KISCourse
Derived from	The KIS data file submitted by the institution
Notes	This is the average of the WRITTEN element taken over all COURSESTAGEs which contain an element of assessment.

Field name	KISCourse.SBJ
Description	JACS subject code
Field type	Alpha numeric
Min/Max occurs	0/unbounded
Field length	3
Parent entity	KISCourse
Derived from	For new courses this will be derived from the KISCourse.JACS or KISCourse.LDCS field. For courses where a link to a HESA or ILR course has been made the subject code will be derived from the HESA or ILR course.
Notes	The subject area within which the KIS sits. For most KISs this will be a code at level 3 in the JACS2.0 hierarchy. For a subject based KIS it will be a level 2 code.

Entry qualifications

Entity name	Entry
Description	This entity contains elements relating to the entry qualifications of students.
Min/max occurs	0/3
Parent entity	KISCourse

The Entry entity contains the following additional fields which are derived from HESA Student record and ILR:

Field name	Entry.ENTPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field displays the number of students in the population from which the tariff data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	Entry.ENTAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field displays the aggregation level applied to the tariff data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Entry.ENTSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field displays the subject area for the KIS course. For most KIS courses this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	Entry.ACCESS
Description	Access course
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is an access course. A full description of this field is given in Annex E.

Field name	Entry.ALEVEL
Description	A-levels and Highers
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is A level or (Scottish) Highers. A full description of this field is given in Annex E.

Field name	Entry.BACC
Description	International baccalaureate
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is an International Baccalaureate. A full description of this field is given in Annex E.

Field name	Entry.DEGREE
Description	Degree or higher
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is a degree or higher qualification. A full description of this field is given in Annex E.

Field name	Entry.FOUNDTN
Description	Foundation course
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is a foundation course. A full description of this field is given in Annex E.

Field name	Entry.NOQUALS
Description	No qualifications
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students with no qualifications on entry. A full description of this field is given in Annex E.

Field name	Entry.OTHER
Description	Other qualifications
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students with other qualifications on entry. A full description of this field is given in Annex E.

Field name	Entry.OTHERHE
Description	Other HE Qualification
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Entry
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students whose highest qualification on entry is another HE qualification. A full description of this field is given in Annex E.

Tariff

Entity name	Tariff
Description	This entity contains elements relating to the entry tariff points of students
Min/max occurs	0/3
Parent entity	KISCourse
Notes	The TARIFF entity shows the number of UCAS tariff points held by students who were previously enrolled on the KISCOURSE. These are not necessarily the minimum entry requirements for the course and you should check the university or college website for full information. The UCAS Tariff is the system for allocating points to qualifications used for entry to higher education. Universities and colleges can use the UCAS Tariff to make comparisons between applicants with different qualifications. Tariff points are often used in entry requirements, although other factors will often be taken into account by universities and colleges when deciding whether to offer places.

For further information on the UCAS Tariff, see the UCAS website http://www.ucas.com/students/ucas_tariff/ |

The Tariff entity contains the following additional fields which are derived from the HESA Student record and ILR:

Field name	Tariff.TARPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field displays the number of students in the population from which the tariff data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	Tariff.TARAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field displays the aggregation level applied to the tariff data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Tariff.TARSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field displays the subject area for the KIS course. For most KIS courses this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	Tariff.T1
Description	Less than 120 tariff points
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of entrants with less than 120 tariff points.

Field name	Tariff.TXXX (XXX is a number)
Description	Between xxx and (xxx+39) tariff points
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of entrants with between xxx and (xxx+39) tariff points.

Field name	Tariff.T600
Description	Over 600 tariff points
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Tariff
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of entrants with 600 or more tariff points.

Continuation

Entity name	Continuation
Description	This entity contains elements relating to continuation information for students on the course.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	The continuation data are derived by linking two successive years' of HESA student data. Records are linked using a unique identifier code on the student data (composed from HUSID+UKPRN+NUMHUS). The 2010/11 and 2011/12 student data have been linked when one year's worth of data are presented. This has been aggregated with the linked 2009/10 and 2010/11 student data when two years' data are shown. The continuation data are subject to rounding and aggregation as described in Annex A.

The Continuation entity contains the following additional fields which are derived from HESA Student record and ILR:

Field name	Continuation.CONTPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field displays the number of students in the population from which the continuation data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	Continuation.CONTAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field displays the aggregation level applied to the continuation data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Continuation.CONTSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	Continuation.UCONT
Description	Continuing
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students who continued on their course at the institution in the year after starting the course.

Field name	Continuation.UDORMANT
Description	Dormant
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students recorded as dormant the year after they entered HE. This calculation includes those students who have been recorded as dormant or writing-up status in the second of the comparison years, or those who have suspended their studies and who have not obtained a qualification.

Field name	Continuation.UGAINED
Description	Gained intended or higher
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students who gained their intended award (or higher) the year after they entered HE. For those students who are not progressing into the following year of study, this is defined as those students who have achieved a qualification in either of the two comparison years AND that qualification is deemed to be equivalent to or higher than the qualification aimed for in the first of the two comparison years.

Field name	Continuation.ULEFT
Description	Left without award
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students who are not continuing into their following year of study, have not been awarded a qualification in either of the two comparison years and are not recorded with a dormant status.

Field name	Continuation.ULOWER
Description	Gained lower
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Continuation
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students who gained a lower award than the one originally intended the year after they entered HE. For those students who are not progressing into the following year of study, this is defined as those students who have achieved a qualification in either of the two comparison years AND that qualification is deemed to be lower than the qualification aimed for in the first of the two comparison years.

Degree Classification

Entity name	DegreeClass
Description	This entity contains elements relating to the degree classifications obtained by students.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	The degree classification data is provided from the HESA Student record and the ILR.

The DegreeClass entity contains the following additional fields which are provided from the HESA Student record and ILR:

Field name	DegreeClass.DEGPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field displays the number of students in the population from which the degree classification data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	DegreeClass.DEGAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field displays the aggregation level applied to the degree classification data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	**DegreeClass.DEGSBJ**
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	**DegreeClass.UFIRST**
Description	First class
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining a first class degree (QualificationsAwarded.CLASS=01 in the HESA Student record.)

Field name	**DegreeClass.UUPPER**
Description	Upper second class (2:1)
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining an upper second class (2:1) degree (QualificationsAwarded.CLASS=02 in the HESA Student record.)

Field name	**DegreeClass.ULOWER**
Description	Lower (or undivided) second class
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining a lower (or undivided) second class (2:1) degree (QualificationsAwarded.CLASS=03, 04 in the HESA Student record.)

Field name	**DegreeClass.UOTHER**
Description	Other honours
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Degree class
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining an other honours degree (QualificationsAwarded.CLASS=05, 06, 09 in the HESA Student record.)

Field name	DegreeClass.UORDINARY
Description	Ordinary
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining an ordinary degree (QualificationsAwarded.CLASS=10 in the HESA Student record.)

Field name	DegreeClass.UNA
Description	Not classified
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	DegreeClass
Derived from	HESA Student record/ILR
Notes	This field shows the proportion of students gaining a not classified degree (QualificationsAwarded.CLASS=07, 08, 11, 12, 13, 14 in the HESA Student record.)

Employment statistics

Entity name	Employment
Description	This entity contains elements relating to the employment outcomes students.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	This entity contains fields relating to the employment outcome of students. The employment statistics included in the EMPLOYMENT entity of the Unistats data are taken from the Destination of Leavers in Higher Education Survey (DLHE), which surveys students six months after their course ends. It seeks to establish whether students are working (and if so what sort of work they are doing) and/or undertaking further study.

The Employment entity contains the following additional fields which are provided from DLHE Survey:

Field name	Employment.EMPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the number of students in the population from which the employment data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	Employment.EMPAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the aggregation level applied to the employment data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Employment.EMPSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	Employment.WORKSTUDY
Description	Proportion of students in work and/or study
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students who are recorded as BOTH, WORK or STUDY six months after their course ended. A full description of this field is given in Annex B.

Field name	Employment.STUDY
Description	Proportion of students studying only
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students who are undertaking further study six months after their course ended. A full description of this field is given in Annex B.

Field name	Employment.ASSUNEMP
Description	Proportion of students assumed unemployed
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students assumed to be unemployed six months after their course ended. A full description of this field is given in Annex B.

Field name	Employment.BOTH
Description	Proportion of students in work and study
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students in work and study six months after their course ended. A full description of this field is given in Annex B.

Field name	Employment.NOAVAIL
Description	Proportion of students not available for work or study
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students who are not available for work or study six months after their course ended. A full description of this field is given in Annex B

Field name	Employment.WORK
Description	Proportion of students working only
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Employment
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field shows the proportion of students in work six months after their course ended. A full description of this field is given in Annex B.

Common job types

Entity name	Common
Description	This entity contains elements relating to common job types obtained by students taking the course.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	The data included in the Common entity of the Unistats data are taken from the Destination of Leavers in Higher Education Survey (DLHE), which surveys students six months after their course ends. It seeks to establish whether students are working (and if so what sort of work they are doing) and/or undertaking further study.

The Common entity contains the following additional fields which are provided from DLHE Survey:

Field name	Common.COMPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Common
Derived from	Destination of Leavers in Higher Education Survey (DLHE)

Notes	This field displays the number of students in the population from which the common job types data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A. Due to the changes to the SOC coding frame between 2010/11 and 2011/12, it is not appropriate to aggregate two years of SOC data, therefore common job types only includes aggregations of 2011/12 data.

Field name	**Common.COMAGG**
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Common
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the aggregation level applied to the common job types data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A. Due to the changes to the SOC coding frame between 2010/11 and 2011/12, it is not appropriate to aggregate two years of SOC data, therefore common job types only includes aggregations of 2011/12 data.

Field name	**Common.COMSBJ**
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Common
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Job list

Entity name	**JobList**
Description	This entity contains information about a common job type obtained by students.
Min/max occurs	1/10
Parent entity	KISCourse
Notes	Those students who reported their employment circumstances as working on the DLHE survey were also required to report their job title. This was then used to derive an occupation type category within the Standard Occupational Classification (SOC).

The JobList entity contains the following additional fields which are provided from DLHE Survey:

Field name	**Joblist.JOB**
Description	The type of employment
Field type	String
Min/Max occurs	1/1
Field length	80
Parent entity	Joblist
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	Jobs are classified into one of 36 groups, based on their SOC code. A list of the job types is given in Annex D.

Field name	Joblist.PERC
Description	The percentage of students in the type of employment
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Joblist
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the aggregation level applied to the common job types data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Joblist.ORDER
Description	The order to display the jobs in
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Joblist
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	The order to display the jobs on the Unistats website. This provides a fixed ordering according to percentage of students in each job even where the rounded percentages are equal. (Ordered by the highest %age then SOC ascending, where SOC is treated as a character, so 10 is ordered above 9)

Job type

Entity name	JobType
Description	This entity contains elements relating to the types of profession entered by students.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	Those students who reported their employment circumstances as working on the DLHE survey were also required to report their job title. This was then used to derive an occupation type category within the Standard Occupational Classification (SOC).

The JobType entity contains the following additional fields which are provided from DLHE Survey:

Field name	JobType.JOBPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the number of students in the population from which the job type data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A. Due to the changes to the SOC coding frame between 2010/11 and 2011/12, it is not appropriate to aggregate two years of SOC data, therefore job type only includes aggregations of 2011/12 data.

Field name	JobType.JOBAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the aggregation level applied to the job type data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A. Due to the changes to the SOC coding frame between 2010/11 and 2011/12, it is not appropriate to aggregate two years of SOC data, therefore job type only includes aggregations of 2011/12 data.

Field name	JobType.JOBSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	JobType.PROFMAN
Description	Professional or managerial jobs
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field is derived from the SOC2010 (DLHE) codes (http://www.hesa.ac.uk/content/view/102/143/1/9/). It gives the proportion of students in professional or managerial jobs. These are defined as those students whose occupation code starts with 1, 2 or 3. See Annex D for further information on the SOC coding.

Field name	JobType.OTHERJOB
Description	Non professional or managerial jobs
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field is derived from the SOC2010 (DLHE) codes (http://www.hesa.ac.uk/content/view/102/143/1/9/). It gives the proportion of students in non professional or managerial jobs. . These are defined as those students whose SOC2010 starts with 4,5,6,7,8 or 9.See Annex D for further information on the SOC coding.

Field name	JobType.UNKWN
Description	Unable to classify/unknown
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	JobType
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field is derived from the SOC2010 (DLHE) codes (http://www.hesa.ac.uk/content/view/102/143/1/9/). It gives the proportion of students whose job classification cannot be derived, or whose SOC code is unknown. These are defined as those students whose SOC2010 is 0 or Null. See Annex D for further information on the SOC coding.

Salary

Entity name	Salary
Description	This entity contains elements relating to the salary information of students.
Min/max occurs	0/3
Parent entity	KISCourse
Notes	Those students who reported their employment circumstances as working on the DLHE and/or Longitudinal DLHE survey were also asked to report their salary.

The Salary entity contains the following additional fields which are provided from DLHE Survey:

Field name	Salary.SALPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the number of students in the population from which the salary data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	Salary.SALAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the aggregation level applied to the salary data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	Salary.SALSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	Salary.LDLQ
Description	Sector lower quartile salary for subject (40 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Employment
Derived from	Longitudinal Destination of Leavers in Higher Education Survey (LDLHE)
Notes	This field contains the lower quartile salary of students at all institutions of the subject 40 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.LDMED
Description	Sector median salary for subject (40 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Employment
Derived from	Longitudinal Destination of Leavers in Higher Education Survey (LDLHE)
Notes	This field contains the median salary of students at all institutions of the subject 40 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.LDUQ
Description	Sector upper quartile salary for subject (40 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Employment
Derived from	Longitudinal Destination of Leavers in Higher Education Survey (LDLHE)
Notes	This field contains the upper quartile salary of students at all institutions of the subject 40 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.LQ
Description	Sector lower quartile salary for subject (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the lower quartile salary of students at all institutions of the subject 6 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.MED
Description	Sector median quartile salary for subject (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the median salary of students at all institutions of the subject 6 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.UQ
Description	Sector upper quartile salary for subject (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the upper quartile salary of students at all institutions of the subject 6 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.INSTLQ
Description	Course lower quartile salary (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the lower quartile salary of students on the course 6 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.INSTMED
Description	Course median quartile salary for subject (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the median salary of students on the course 6 months after graduation. The derivation of this field is described in Annex C.

Field name	Salary.INSTUQ
Description	Course upper quartile salary for subject (6 months)
Field type	Numeric
Min/Max occurs	0/1
Field length	6
Parent entity	Salary
Derived from	Destination of Leavers in Higher Education Survey (DLHE)
Notes	This field contains the upper quartile salary of students on the course 6 months after graduation. The derivation of this field is described in Annex C.

NSS

Entity name	NSS
Description	This entity contains the National Student Survey (NSS) results.
Min/max occurs	0/3
Parent entity	KISCourse

The NSS entity contains the following additional fields which are provided from NSS:

Field name	NSS.NSSPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field displays the number of students in the population from which the NSS data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	NSS.NSSAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field displays the aggregation level applied to the NSS data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	NSS.NSSSBJ
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	NSS.Q1
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 1 on the NSS: "Staff are good at explaining things".

Field name	NSS.Q2
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 2 on the NSS: "Staff have made the subject interesting".

Field name	NSS.Q3
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 3 on the NSS: "Staff are enthusiastic about what they are teaching".

Field name	NSS.Q4
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 4 on the NSS: "The course is intellectually stimulating".

Field name	NSS.Q5
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 5 on the NSS: "The criteria used in marking have been clear in advance".

Field name	NSS.Q6
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 6 on the NSS: "Assessment arrangements and marking have been fair".

Field name	**NSS.Q7**
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 7 on the NSS: "Feedback on my work has been prompt".

Field name	**NSS.Q8**
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 8 on the NSS: "I have received detailed comments on my work".

Field name	**NSS.Q9**
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 9 on the NSS: "Feedback on my work has helped me clarify things I did not understand".

Field name	**NSS.Q10**
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 10 on the NSS: "I have received sufficient advice and support with my studies".

Field name	**NSS.Q11**
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 11 on the NSS: "I have been able to contact staff when I needed to".

Field name	NSS.Q12
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 12 on the NSS: "Good advice was available when I needed to make study choices".

Field name	NSS.Q13
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 13 on the NSS: "The timetable works efficiently as far as my activities are concerned".

Field name	NSS.Q14
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 14 on the NSS: "Any changes in the course or teaching have been communicated effectively".

Field name	NSS.Q15
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 15 on the NSS: "The course is well organised and is running smoothly".

Field name	NSS.Q16
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 16 on the NSS: "The library resources and services are good enough for my needs".

Field name	NSS.Q17
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 17 on the NSS: "I have been able to access general IT resources when I needed to".

Field name	NSS.Q18
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 18 on the NSS: "I have been able to access specialised equipment, facilities or rooms when I needed to".

Field name	NSS.Q19
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 19 on the NSS: "The course has helped me present myself with confidence".

Field name	NSS.Q20
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 20 on the NSS: "My communication skills have improved".

Field name	NSS.Q21
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 21 on the NSS: "As a result of the course, I feel confident in tackling unfamiliar problems".

Field name	NSS.Q22
Description	NSS question
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students who "agree" or "strongly agree" with question 22 on the NSS (or Q28 for NHNSS): "Overall, I am satisfied with the quality of the course".

NHSNSS

Entity name	NHSNSS
Description	This entity contains the results for the questions on the NSS for students on NHS funded courses.
Min/max occurs	0/3
Parent entity	KISCourse

The NHSNSS entity contains the following additional fields which are provided from National Student Survey:

Field name	NHSNSS.NHSPOP
Description	Population
Field type	Numeric
Min/Max occurs	1/1
Field length	5
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field displays the number of students in the population from which the NHSNSS data is derived for the KIS course. A full description of how the populations are created, and the rounding methodology employed is in Annex A.

Field name	NHSNSS.NHSAGG
Description	Aggregation level
Field type	Numeric
Min/Max occurs	1/1
Field length	2
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field displays the aggregation level applied to the NHSNSS data for the KIS course. Details of the rounding and aggregation thresholds can be found in Annex A.

Field name	**NHSNSS.NHSSBJ**
Description	JACS level subject code
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field displays the subject area for the KIS course. For most KISs this will be a code at level 3 in the JACS hierarchy. For a subject based KIS it will be a level 2 code. A full description of how this is derived is in Annex A.

Field name	**NHSNSS.Q1**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 22 on the NSS (NHS): "I received sufficient preparatory information prior to my placement(s) ".

Field name	**NHSNSS.Q2**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 23 on the NSS (NHS): "I was allocated placement(s) suitable for my course".

Field name	**NHSNSS.Q3**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 24 on the NSS (NHS): "I received appropriate supervision on my placement(s)".

Field name	**NHSNSS.Q4**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 25 on the NSS (NHS): "I was given opportunities to meet my required practice learning outcomes/competences".

Field name	**NHSNSS.Q5**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 26 on the NSS (NHS): "My contribution during placement(s) as part of the clinical team was valued ".

Field name	**NHSNSS.Q6**
Description	NHS question for NSS
Field type	Numeric
Min/Max occurs	1/1
Field length	3
Parent entity	NHSNSS
Derived from	National Student Survey (NSS)
Notes	This field shows the proportion of students on NHS funded courses who "agree" or "strongly agree" with question 27 on the NSS (NHS): "My practice supervisor(s) understood how my placement(s) related to the broader requirements of my course".

Annex A: Rounding and aggregation

In order to avoid the risk of individual students being identified from parts of the Unistats data-set, some elements are rounded and/or aggregated with data from other, similar, students. In some cases it is not possible to publish parts of the Unistats data-set, owing to the small number of students in the population, or simply because some data were not collected (for example for new courses, and some courses provided by private providers). The lack of information about a particular course should not be used to draw negative inferences about the quality of the course. For each data item, data will be published at the first level in the list below where the population meets the required publication threshold:

1) KISCOURSE level – most recent year's data (AGG=14)
2) KISCOURSE level – most recent two years' data aggregated (AGG=24)
3) JACS level 3 (e.g. aerospace engineering) – most recent year's data (AGG=13)
4) JACS level 3 – most recent two years' data aggregated (AGG=23)
5) JACS level 2 (e.g. mechanically bases engineering) – most recent year's data (AGG=12)
6) JACS level 2 – most recent two years' data aggregated (AGG=22)
7) JACS level 1 (e.g. engineering and technology) – most recent year's data (AGG=11)
8) JACS level 1 – most recent two years' data aggregated (AGG=21)

For all items, a population of at least 22.5 students is required for the data to be published. Additionally, responses to the NSS are only published if at least 50 per-cent of the eligible population has responded.

All NSS data is published to the nearest percentage point. All other data are published to the nearest percentage point, unless there are at least 22.5 and less than 52.5 students in the population, in which case the data are rounded to the nearest five percentage points.

Salary information is only included if at least 50 per-cent of those in full time employment have provided the information. The salary data itself is not rounded, though respondents to the survey only give their salary to the nearest £1000.

The JACS subject hierarchy can be found at
http://www.hefce.ac.uk/pubs/circlets/2005/cl08_05/cl08_05b.xls

Annex B: Employment Statistics

The employment statistics included in the EMPLOYMENT entity of the Unistats data are taken from the Destination of Leavers in Higher Education Survey (DLHE), which surveys students six months after their course ends. It seeks to establish whether students are working (and if so what sort of work they are doing) and/or undertaking further study. Further information about the DLHE can be found at www.hesa.ac.uk/C11018.

The data within the EMPLOYMENT entity are subject to aggregation and rounding as described in Annex A. Only students who meet the following criteria are included in the statistics:

- Studying one of the following undergraduate qualification codes (the coding frame is described at
- http://www.hesa.ac.uk/C11051/A/COURSEAIM.html): M22, M26, H00, H11, H16, H18, H22, H23, H50, I00, I11, I16, H41, H42, H43, H60, H61, H70, H71, H78, H79, H80, H81, H88, I60, I61, I70, I71, I74, I79, I80, I81, J10, J16, J20, J26, J30, J41, J42, J43, J45, J80, C20, C30, C41, C42, C43, C77
- Who haven't died (RSNEND does not equal 05)
- Are not recorded as dormant on the student record (MODE not 63 or 64)
- Are not studying abroad (LOCSDY='S')
- Have a UK or EU domicile
- Left the course between 1 August 2011 and 31 July 2012 (where two years' data are aggregated, students on the earlier year will have left their course between 1 August 2010 and 31 July 2011)
- Have not declined to complete the survey

The elements within the EMPLOYMENT entity are derived according to the responses on the DLHE survey as follows. Where 2011/12 data are used the data in the EMPLOYMENT entity are calculated using the XACTIVE02[1] derived field from the HESA DLHE record as follows:

Element	XACTIV02 (derived from ALLACT and MIMPACT in the DLHE record)
BOTH	03, 04
ASSUNEMP	07, 08
WORKSTUDY	This contains the sum of WORK, STUDY and BOTH
STUDY	05, 06
WORK	01, 02
NOAVAIL	09

A full definition of the Student.ALLACT field can be found at http://www.hesa.ac.uk/C11018/A/ALLACT.html
A full definition of the Student.MIMPACT field can be found at http://www.hesa.ac.uk/C11018/A/MIMPACT.html

Where 2010/11 data are used, the data are calculated as follows:

Element	EMPCIR field on DLHE	MODSTUDY field on DLHE
BOTH	01, 02, 03, 15	1, 2
ASSUNEMP	11, 12	2, 3
WORKSTUDY	This contains the sum of WORK, STUDY and BOTH	
STUDY	EMPCIR=(11, 12, 13, 14, 17) and MODSTUDY=1 or EMPCIR=(13, 14, 17) and MODSTUDY=2	
WORK	WORK 01,02, 03, 15	3
NOAVAIL	Otherwise	

[1] The specification for XACTIV02 can be found at http://www.hesa.ac.uk/content/view/2674/

Annex C: Derivation of salary location adjusted quartiles

Overview
The location adjusted quartiles and medians for salary on the Unistats site are an attempt to calculate quartiles and medians using sector level data such that the proportion of leavers working in each region is the same for the sector figures as it is for the institution, this is achieved by weighting each response rather than taking a sample. For example, if 50% of the students in a given institution and subject go on to work in London whereas over the sector as a whole 20% work in London in calculating the sector figures students working in London would be weighted as 2.5 (50% ÷ 20%).

This document details and provides an example of how the salary location adjusted quartiles presented on the Unistats website are produced.

Methodology
In order to create the location adjustment it is necessary to obtain the total number of students[1] for three different populations. These are institution, sector and regional sector salary. The institution total is the total number of students for each different combination of institution, subject, mode, level and region. The sector total comes from the same grouping as used previously but without institution. For regional sector salary the total number of students is calculated for each combination of salary, mode, level, subject and region.

Next a weight is produced by dividing the institutions total number of students by the total number of students in the sector for each grouping of subject, mode, level and region. This weight is then multiplied by the regional sector salary total number of students for each combination of subject, mode, level, region and salary to create an institutional weighted number of students.

The total weighted institution student number is the sum of the weighted institution total for each combination of institution, subject, mode and level. The quartile points are produced by taking 25%, 50% and 75% of the institutional weighted total as the lower quartile, median and upper quartile points respectively.

The data is sorted by institution, subject, mode, level and salary so that the salary values are ascending. The institution weighted totals for each combination are added until they reach the lower quartile point. When the sum of the sector weighted total is greater than or equal to the lower quartile point and the previous total is less than the lower quartile point then the salary in that observation is recorded as the lower quartile. The institution weighted totals continue to be summed and the same methodology applies for the median and upper quartiles.

An example of how the location adjusted salary quartiles are produced is shown below.

Worked example

Take the following sample of students in table 1 who are studying the same subject with the same mode and level of study. Please note that before a location adjustment takes place all of the missing salary observations are removed and the salary figures are rounded to the nearest thousand.

Table 1 – An example list of students

Institution	Region	Salary	Number of students
1	A	10,000	1
1	B	20,000	3
1	A	20,000	4
1	B	23,000	5
1	C	30,000	1
2	A	15,000	2
2	B	20,000	3
2	B	22,000	4
2	A	29,000	2
2	C	35,000	3
2	C	25,000	1
2	A	24,000	1

After the three different summaries have been calculated the weighted student numbers can be made and table 2 shows an example of these summaries and weighted student numbers using the data given in table 1.

Table 2 – Summaries and weighted student numbers for the data shown in Table 1

Institution	Region	Salary	Institution FPE	Sector FPE	Regional Sector Salary FPE	Weighted FPE	Institution weighted FPE
1	A	10,000	5	10	1	0.5	50.0
1	B	20,000	8	15	6	0.5	320.0
1	A	20,000	5	10	4	0.5	200.0
1	B	23,000	8	15	5	0.5	266.7
1	C	30,000	1	5	1	0.2	20.0
2	A	15,000	5	10	2	0.5	100.0
2	B	20,000	7	15	6	0.5	280.0
2	B	22,000	7	15	4	0.5	186.7
2	A	24,000	5	10	1	0.5	50.0
2	C	25,000	4	5	1	0.8	80.0
2	A	29,000	5	10	2	0.5	100.0
2	C	35,000	4	5	3	0.8	240.0

Finally, table 3 is an example of how the quartile points are used to determine which salary will be used for the lower quartile, median and upper quartile.

Table 3 - Methodology used when calculating which salaries produce the quartiles

Institution	Salary	Previous weight	Total weight	Lower quartile point	Median point	Upper quartile point	Lower quartile	Median	Upper quartile	Institution total FPE
1	10,000	0.0	50.0	214.2	428.3	642.5	0	0	0	856.7
1	20,000	50.0	370.0	214.2	428.3	642.5	20,000	0	0	856.7
1	20,000	370.0	570.0	214.2	428.3	642.5	20,000	20,000	0	856.7
1	23,000	570.0	836.7	214.2	428.3	642.5	20,000	20,000	23,000	856.7
1	30,000	836.7	856.7	214.2	428.3	642.5	20,000	20,000	23,000	856.7
2	15,000	0.0	100.0	259.2	518.3	777.5	0	0	0	1,036.7
2	20,000	100.0	380.0	259.2	518.3	777.5	20,000	0	0	1,036.7
2	22,000	380.0	566.7	259.2	518.3	777.5	20,000	22,000	0	1,036.7
2	24,000	566.7	616.7	259.2	518.3	777.5	20,000	22,000	0	1,036.7
2	25,000	616.7	696.7	259.2	518.3	777.5	20,000	22,000	0	1,036.7
2	29,000	696.7	796.7	259.2	518.3	777.5	20,000	22,000	29,000	1,036.7
2	35,000	796.7	1,036.7	259.2	518.3	777.5	20,000	22,000	29,000	1,036.7

Annex D: Job types

Those students who reported their employment circumstances as working on the DLHE survey were also required to report their job title. This was then used to derive an occupation type category within the Standard Occupational Classification (SOC).

In 2012 HESA adopted the new SOC2010 Standard Occupational Classification (which replaced SOC2000). A variant of the SOC2010 was created for the coding of occupational information collected in the DLHE survey. The classification is termed SOC (DLHE) and further details are available on the HESA website (http://www.hesa.ac.uk/content/view/102/143/1/9/). Due to the changes in the SOC coding frame between 2010/11 and 2011/12, it is not appropriate to aggregate the two years of SOC data, therefore job type and professional or managerial jobs data only includes 2011/12 aggregations.

SOC categories were aggregated into 36 groups, according to the first one, two or three characters of the 5 digit SOC code. These groups are presented in the XML file as follows:

1	Managers, directors and senior officials
5	Skilled trades occupations
8	Process, plant and machine operatives
9	Elementary occupations
31	Science, engineering and technology associate professionals
33	Protective service occupations
35	Business and public service associate professionals
41	Administrative occupations
42	Secretarial and related occupations
62	Leisure, travel and related personal service occupations
71	Sales occupations
72	Customer service occupations
211	Natural and social science professionals
212	Engineering professionals
213	Information technology and telecommunications professionals
214	Conservation and environment professionals
215	Research and development managers
221	Health professionals
222	Therapy professionals
223	Nursing and midwifery professionals
231	Teaching and educational professionals
241	Legal professionals
242	Business, research and administrative professionals
243	Architects, town planners and surveyors
244	Welfare professionals
245	Librarians and related professionals
246	Quality and regulatory professionals
247	Media professionals
321	Health associate professionals
323	Welfare and housing associate professionals
341	Artistic, literary and media occupations
342	Design occupations
344	Sports and fitness occupations
612	Childcare and related personal services
613	Animal care and control services
614	Caring personal services

Annex E: Entry qualifications

The data contained in the ENTRY entity are derived from the HESA student record, using data from the 2011/12 record when one year's worth of data are shown, and aggregating this with data from the 2010/11 record when two years' data are shown. The data in the ENTRY entity are subject to rounding and aggregation as described in Annex A.

The data in the ENTRY are calculated using the QUALENT3 field from the HESA student record, and the XQUALENT01 derived field[2], as follows:

Element	Values of QUALENT3	Values of XQUALENT01
ACCESS	X00, X01	F
A LEVEL	<>P62, P63, X00, X01	F
BACC	P62, P63	F
DEGREE		A, B, C
FOUNDATION	J49	D
NOQUALS		H, I, J
OTHER		E, G
OTHERHE	<>J49	D

[2] The specification for XQUALENT01 can be found at http://www.hesa.ac.uk/content/view/2479/