

National Pupil Database

Key Stage 5
User Guide

2011

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1. Introduction

The National Pupil Database (NPD) is a longitudinal database for all children in maintained schools in England, linking pupil/student characteristics to school and college learning aims and attainment. It also holds individual pupil level attainment data for pupils in non-maintained and independent schools who partake in the tests/exams.

The NPD holds pupil/student and school characteristics e.g. age, gender, ethnicity, attendance and exclusions (sourced from the School Census for maintained schools only), matched to pupil level attainment data (Early Years Foundation Stage Profile (EYFSP), Key Stage (KS) assessments and external examinations), collected from schools and Local Authorities (LAs) by the Department for Education (DfE) and awarding bodies. Other data on further education (sourced from the Data Service's Individualised Learner Record (ILR), awarding bodies and NISVQ awards of key skills and vocational qualifications), higher education (sourced from the Higher Education Statistics Agency) and looked after children have also been matched in to the NPD.

The pre-defined 'standard' extract supplied at KS5 combines attainment achieved at KS5 with prior attainment at KS1, KS2, KS3 and KS4, and spring census data from the current academic year (and previous nine years), undertaken by schools/colleges (unless attainment data on its own is requested). Approximately 150 awarding bodies provide the Performance Tables (PT) contractor with separate datafeeds of results data which are then matched by the contractor from examination level to the individual student. When this has taken place, some additional indicators and flags are calculated by the contractor and added to the data before unamended data is provided for matching into the NPD. After matching is completed, the first, unamended KS5 extract is released in October. At the same time as the data is being matched into the NPD, the PT tables are sent to schools and colleges for checking. After schools and colleges have made any changes, the amended data are matched into the NPD. An amended extract will be made available in January 2012. After the PTs have been published, schools and colleges are given the opportunity to make errata changes. Again, this new data are matched into the NPD. A final KS5 extract will be made available in April 2012.

N.B. As unamended data has not been checked by schools, it should only be used by those with a legitimate need to use it for managerial, operational or other appropriate decision-making purposes at an early stage. In addition, it should NOT be used for

- **Issuing public statements based on the information before the official statistics are published**
- **Supporting direct action on schools or dictating school funding**
- **Publication or public pronouncement of any analyses at aggregate or school level without permission from the DfE**

In the datafile names, unamended data is denoted by the letter 'U', amended by the letter 'A' and final by the letter 'F'. The datafile name will include one of these letters to indicate which version of the data the file contains.

If you have any comments on the usefulness of this user guide, or can suggest extra topics to include, please contact Martin.Johnson@education.gsi.gov.uk.

1.1 Main changes to KS5 standard extracts (unamended data) for 2011

- New KS5 indicators relating to achievement of two or more A levels or equivalent and achievement of A*-E grades at A level or Double Award
- New 9-digit Local Authority code variables added in addition to the existing 3-digit code versions
- Additional Type of Establishment and Institution Type codes for academies
- Additional FSM variables in linked 2011 Census data
- Source of Service Child and Source of Ethnicity variables removed from linked 2011 Census data as from 2011 these are no longer collected in the School Census

2. Variables

2.1 Pre-defined 'standard' data extract

This user guide focuses on the pre-defined 'standard' Key Stage 5 data extract. It may therefore be that not all parts of this user guide are relevant if anything other than the pre-defined data extract was requested and supplied.

2.2 Student Identifiers

The primary key used to identify students is

KS5_PupilMatchingRefAnonymous (pupil matching reference) which uniquely identifies each student in the dataset. This variable is anonymous. Variables identifying individual students, such as names, addresses and dates of birth will usually have been removed from the extract, and only included in special circumstances (see section 2.5 on identifiable/sensitive variables).

Student identifier variables included in the standard KS5 extract are:

- **KS5_GENDER** – the gender of the student;
- **KS5_AGE_START** – the age of the student at the start of the academic year (in full years);
- **KS5_MONTH_PART** – the month part of the age of the student at the start of the academic year;
- **KS5_YEAROFBIRTH** – the year of birth of the student;
- **KS5_MONTHOFBIRTH** – the month of birth of the student;
- **KS5_ACADYR** – the academic year;
- **KS5_YEARGRP** – year group derived from date of birth; and
- **KS5_ACTYRGRP** – the actual national curriculum year group that the student follows.

2.3 School and college Identifiers

The school or college that the student attends can be identified using the following variables:

- **KS5_LA** – the Local Authority (LA) that the school/college reports to;
- **KS5_LA_9CODE** – the Local Authority (LA) that the school reports to (new 9-digit code);
- **KS5_ESTAB** – a 4-digit establishment number identifying the individual school/college;
- **KS5_LAESTAB** – a concatenation of the KS5_LA and KS5_ESTAB variables;
- **KS5_URN** – a 6-digit unique school/college identifier number, primarily used by Ofsted;
- **KS5_TOE_CODE** – type of establishment code (see section 2.6.2);
- **KS5_NFTYPE** – institution type (see section 2.6.2);
- **KS4_NEW_TYPE** – SFR institution category (see section 2.6.2); and
- **KS5_FETYPE** – FE institution type.

There are also four additional indicators for the type of school:

- **KS5_MMSCH** maintained mainstream schools (i.e. excluding maintained special schools) and academies and CTCs, KS1_NFTYPE is 20-25,50-52;
- **KS5_MMSCH2** – maintained mainstream schools (i.e. excluding maintained special schools) (KS1_MMSCH2 excludes academies and CTCs), KS1_NFTYPE is 21-24;
- **KS5_MSCH** – maintained schools (including maintained special schools) and academies and CTCs, KS1_NFTYPE is 20-27,50-52; and
- **KS5_MSCH2** – maintained schools (including maintained special schools) (KS1_MSCH2 excludes academies and CTCs), KS1_NFTYPE is 21-24, 26, 27.

N.B. You may notice that the data includes some school establishment numbers of '0000' (Estab). This code is allocated when there are results for a National Centre Number or a vocational centre which cannot be mapped to a specific School and College Data Base institution: the centre's postcode is used to establish the LA area, and the 0000 is added as a default number for the establishment. These tend to be for 'Type 45', 'Higher Education Institutions'.

2.4 Student characteristics

Three termly censuses collecting data on the characteristics of students (in schools only) are carried out by schools at the beginning of the spring, summer and autumn terms. KS5 extracts include characteristics from the main spring census, in both the current academic year, as well as the previous eight years. Data from the summer and autumn Censuses can be provided where requested. For some pupil characteristics, data is also collected with AAT data, but these have not been listed below (see section 2.6 on duplicated variables for more details). The main (non-sensitive) student characteristics collected and provided on the standard extract are:

Variable	Description
ETHNICGROUPMINOR_SPRxx	The minor ethnic group of the pupil (aggregated variable from ethnicity)
ETHNICGROUPMAJOR_SPRxx	The major ethnic group of the pupil (aggregated variable from ethnicity)
ETHNICITYSOURCE_SPRxx	The source of the student's recorded ethnic code
FSMELIGIBLE_SPRxx	An indicator variable for whether the student is entitled to free school meals
EVERFSM_3_SPRxx	Indicates if the pupil has been recorded as eligible for free school meals in any Spring Census in the last 3 years
EVERFSM_6_SPRxx	Indicates if the pupil has been recorded as eligible for free school meals in any Spring Census in the last 6 years
EVERFSM_ALL_SPRxx	Indicates if pupil has ever been recorded in

	any Spring Census as being eligible for free school meals
CONNEXIONS_SPRxx	An indicator for whether parents and/or students consent to student data being shared with Connexions
LANGUAGEGROUPMINOR_SPRxx	The pupil's minor language group (aggregated variable from language)
LANGUAGEGROUPMAJOR_SPRxx	The pupil's major language group (aggregated variable from language)
GANDTINDICATOR_SPRxx	Indicates if the student is in the Gifted and Talented cohort for the school
MODEOFTRAVEL_SPRxx	Indicates the usual mode of transport used by the student for getting to school
ENROLSTATUS_SPRxx	Enrolment status of student (e.g. current school, or guest student)
ENTRYDATE_SPRxx	Date of entry to current school
LEAVINGDATE_SPRxx	Date of leaving current school
PARTTIME_SPRxx	Indicates if the student is part-time or not
BOARDER_SPRxx	Indicates if the student is a boarder or not
NCYEARACTUAL_SPRxx	The year group in which the student is taught for the majority of their time, regardless of their chronological age
SENPROVISION_SPRxx	Provision type under the SEN (Special Educational Needs) Code of Practice
SENPROVISIONMAJOR_SPRxx	The pupil's major SEN provision group
SENUNITINDICATOR_SPRxx	Indicates if a student with SEN in a mainstream school is a member of an SEN unit
RESOURCEDPROVISION-INDICATOR_SPRxx	Indicates if a student with SEN in a mainstream school is a member of a resourced provision
LLSOA_SPRxx	Super Output Area derived from student's postcode
IDACISCORE_SPRxx	'Income Deprivation Affecting Children' score
IDACIRANK_SPRxx	Rank of IDACI
HOMELA_SPRxx	Home Local Authority code derived from pupil's postcode
HOMELA_9CODE_SPRxx (new for 2011)	Home Local Authority 9 digit code derived from pupil's postcode
MOBILITYIND_SPRxx	Flag to indicate if pupil's postcode has changed from previous Spring Census
DISTCURRSCH_SPRxx	Distance in miles from pupil's postcode to current school
DISTNEARSCH_SPRxx	Distance in miles from pupil's postcode to nearest suitable school
NEARSCHLAESTAB_SPRxx	LAESTAB code of nearest suitable school to pupil's postcode

Students studying at Sixth Form Colleges or Further Education Colleges are not covered by the School Census. For these students, data on their characteristics, alongside other data on their learning aims, is collected in the ILR. ILR variables are also held in the NPD, but are not included on the standard KS5 extract and must be specifically requested. Alternatively, it is

possible to use census variables from previous years for these students when the majority would have been at schools covered by the School Census. These variables are included on the standard KS5 extract. It is also possible that a student could have both census variables and ILR variables if they study at more than one school or college.

2.5 Sensitive data items

Variables on the NPD can be divided into three types; identifiable/sensitive variables that cannot be anonymised, identifiable/sensitive that can be aggregated to become non-sensitive, and non-sensitive. NPD extracts will normally only include non-sensitive variables and aggregated variables. Below is a more detailed explanation of the identifiable/sensitive variables:

- **Identifiable/sensitive variables which cannot be aggregated** – these variables may be supplied to external researchers, but when requesting these data items a Business Case must be completed, and each request is assessed by the Head of Profession for Statistics. Only after the business case has been approved is the data released. The sensitive variables are:

Variable	Description
KS5_SURNAME, KS5_FORENAMES, SURNAME_SPRxx, PREFERREDSURNAME_SPRxx, FORMERSURNAME_SPRxx, FORENAME_SPRxx, MIDDLENAMES_SPRxx	The surname, preferred surname, former surname, forename and middle name of the student.
UPN_SPRxx, FORMERUPN_SPRxx	The Unique Pupil Number (UPN) and former UPN of the pupil.
ULN_CENSUS_SPRxx	Unique Learner Number (ULN)
ADDRESSLINE1_SPRxx – ADDRESSLINE5_SPRxx, SAON_SPRxx, PAON_SPRxx, STREET_SPRxx, LOCALITY_SPRxx, TOWN_SPRxx, ADMINISTATIVEAREA_SPRxx, POSTTOWN_SPRxx	Details of the home address of the student in either address line format (address line 1-5) or BS7666 address format (sub-dwelling, dwelling, street, locality, town, administrative area and post town).
SERVICECHILD_SPRxx	Indicates if a student has parent(s) who are Service personnel serving in regular military units of all forces and exercising parental care and responsibility.
PRIMARYSENTYPE_SPRxx, SECONDARYSENTYPE_SPRxx	Primary and secondary SEN (Special Educational Needs) type.

- **Identifiable/sensitive variables which can be aggregated** – the un-aggregated data items can be supplied to external researchers, but the same release arrangements apply as mentioned above. Aggregated variables are included on standard data extracts:

Variable	Description	Aggregated variable	Description
DOB_SPRxx	Date of birth	KS5_AGE_START	Age of student at the start of the academic year (in full years)
		KS5_MONTH_PART	Month part of age of the pupil at the start of the academic year
		KS5_YEARORBIRTH	Year in which the student was born
		KS5_MONTHOFBIRTH	Month in which the student was born
ETHNICITY_SPRxx	Ethnic code (98 possible values)	ETHNICGROUPMINOR_SPRxx	Ethnicity aggregated into 23 minor ethnic groups
		ETHNICGROUPMAJOR_SPRxx	Ethnicity aggregated into 7 major ethnic groups
LANGUAGE_SPRxx	Language code (332 possible values)	LANGUAGEGROUPMINOR_SPRxx	Language aggregated into 10 minor language groups
		LANGUAGEGROUPMAJOR_SPRxx	Language aggregated into 3 major language groups
POSTCODE_SPRxx	Home postcode	LLSOA_SPRxx	Super output area-National Statistics Postcode Lookup (NSPL) Lower Layer Super Output Area derived from student's postcode (minimum population of 1,000 per area)

2.6 Duplicated variables

2.6.1 Census and attainment variables

Sometimes there are seemingly two sets of variables on the extracts which refer to the same thing, for example KS5_LA and LA_SPRxx, which both give the Local Authority of the school or college. This is because the dataset is drawn from two different sources; census data and PT data. Variables beginning with **KS5_** are taken from PT data, whilst variables ending in **_SPRxx** are taken from census data. When PT data is sent to schools and colleges for checking, they may update the census-related variables used in the PT data (although not all schools and colleges will necessarily do so). This then means that in some cases there will be differences between the same variable on the PT data (updated in September) and on the census data (taken in January). **For KS5 analyses by local authority, KS5_LA should be used as the LA variable. When presenting pupil characteristics, or breakdowns based on pupil residence, the census versions of these variables should be used.**

The variables affected at KS5 are:

- KS5_LA and LA_SPRxx (local authority)
- KS5_LA_9CODE and LA_9CODE_SPRxx (local authority – 9-digit code)
- KS5_ESTAB and ESTAB_SPRxx (establishment number as assigned by DFE)
- KS5_LAESTAB and LAESTAB_SPRxx (concatenation of LA and ESTAB)
- KS5_URN and URN_SPRxx (school's Unique Reference Number).

2.6.2 School and college type variables

There are two variables on the extract which refer to the type of establishment attended by the student at the start of the academic year: KS5_TOE_CODE and KS5_NFTYPE. TOE_CODE (type of establishment) is taken from an extract of Edubase at the end of the academic year (July 2011), whilst NFTYPE comes from the School and College Database (SCDB), which is compiled from the School Census and Edubase. The most up-to-date version of SCDB is used to derive NFTYPE, and therefore this is the most reliable variable to use to identify the type of establishment.

A number of schools converted to academy status during 2010/11. For these academy converters, both NFTYPE and TOE_CODE will reflect the school type of the predecessor school (i.e. before conversion) as they are based on the school's URN as at 12 September 2010.

2.7 Duplicated students

Duplicate records will be eliminated wherever possible by merging records and taking the best results for each subject.

A pupil may appear more than once in the KS5 data, resulting, for example, from a change of school, or dual registration. These records are valid and will remain in KS5 NPD extracts.

Please note, there are 1,508 duplicate records in the standard 2011 KS5 unamended NPD extract. These duplicates are inherent in the KS5 data.

Occasionally, a pupil will appear more than once on the census. Rules for deriving the main record have been agreed with the data owners to eliminate as many of these duplicates as possible, such as looking at enrolment type and school type. However, there may be some cases where it is not possible to guarantee which census entry is the main record. In these cases, a document will be provided with the relevant extract, detailing the pupil matching reference of all the pupils affected. This then enables customers to identify whether or not the data is required and remove any extra records accordingly.

It is possible that, when matching to prior attainment data, students could

appear more than once, for example, having undertaken KS4 examinations at more than one school, or retaking exams. In these cases, we have taken steps to remove duplicate records to leave just one record for the KS5 records to link to in the KS5 extract.

Please note, no extra duplicates have been created when linking to prior attainment or Census in the standard 2011 KS5 extract.

2.8 Use of test marks and fine grades

The standard KS5 extract contains prior attainment data at KS1, 2, 3 and 4. In addition to National Curriculum KS levels, the KS2 and KS3 variables include pupils' marks on the original tests where these are available. Users of these test marks should bear in mind the following:

- Mark fields will be missing where pupils do not sit the test, for example pupils working below test levels whose overall level is B. Therefore use of marks data can introduce bias by omitting lower attaining pupils;
- Marks are not always consistent with test levels, for instance where there is a review the corrected level will appear in the NPD following the checking process, but the corresponding amended test mark may never be captured; and
- The numbers of marks within a level varies between KS levels on each test, and also varies between years, so findings expressed in marks can be difficult to interpret.
- In KS3 maths there are four separate tiers of entry, from the lowest tier covering levels 3-5 through to the highest tier covering levels 6-8. At all tiers, the maths mark is marked out of 150, with the same mark representing different KS levels depending on the tier of the paper, e.g. 50 marks on the lowest tier corresponds to level 3 attainment, whereas 50 marks on the highest tier is in the level 6 range. The marks data is therefore meaningless unless used alongside information about the particular tier a pupil has entered.
- Similarly in KS3 science there are two overlapping tiers of entry (3-6 and 5-7), so again the marks information should not be used without reference to the tier information.

2.9 Production rules

Some of the variables on the NPD, especially indicator variables, are derived from other variables, rather than collected directly from schools and colleges. The production rules for creating derived variables can be found in Annex A.

2.9.1 Data cleaning

On entering the data into the NPD, there are a number of cleaning rules in place to ensure that the data is valid, which have been in place since 2006. These explain how to amend values where the value originally entered is not valid for that particular variable. Cleaning rules are in place for current attainment and prior attainment variables on the extract. An example would be

where a pupil is assigned a mark for a test paper which is outside the range of the paper. In this case, the pupil's mark would be converted to 'IN' for invalid.

Where an unusual value is spotted (on any variables in the dataset) but no cleaning rules are in place to deal with this particular issue, these are queried individually. An example of this would be a value of 'P' for a pupil's surname. A decision is made on an individual case basis to either keep the record as it is, or to classify it as invalid. In the latter case, the entry will be replaced with 'IN' (for invalid).

3. Reproducing published figures

3.1 Attainment at Key Stage 5

Attainment at Key Stage 5 is reported on a 'GCE/Applied GCE A/AS level and equivalent examinations results' basis. This covers achievements in all Level 3 qualifications approved under Section 96 of the Learning and Skills Act (2000). The QCDA tariff is used to calculate point scores for all Level 3 qualifications (see Annex D).

3.1.1 Reproducing published results

Table numbers below refer to tables in the SFR 'GCE/Applied GCE A/AS and Equivalent Examination Results in England, 2010/11 (Provisional)'. See section 3.5 for link.

National results - Tables 1a, 1b, 1c

Coverage at KS5 includes all students with the criteria KS5_NATRES=1 and KS5_TRIGGER=1. The trigger variable identifies students who are 16, 17 or 18 (age at the start of the academic year) and who have been entered for a GCE/Applied GCE A level or a GCE/Applied GCE Double Award in Summer 2011 or a Level 3 qualification equivalent in size to at least one GCE/Applied GCE A Level during the 2010/2011 academic year. See Annex B for details on how the trigger variable is derived. Additionally, the following schools are excluded from being reported in the tables: KS5_LAESTAB <> ('8154611', '8604610', '8604172', '8604072', '9094312', '9255413', '9264085'). This is because these schools are part of sixth form consortia (combined sixth forms from more than 1 school) which do not disaggregate their results, and the results are reported for the consortia, rather than individual schools.

Exam entries

Exam entries are published for all students taking exams who meet all of the following criteria: KS5_TRIGGER = 1, KS5_NFTYPE = ANY(20-34,36,50-52) and KS5_LAESTAB <> ('8154611', '8604610', '8604172', '8604072', '9094312', '9255413', '9264085'). Subject breakdowns for the different types of exams are as follows, where XXX is replaced by the relevant subject code (see annex I):

Table	Exam type	Variable
2	GCE A level	KS5_GA_XXX
3, 4	GCE AS level	KS5_GAS_XXX
5	GCE Applied A level	KS5_VGAA_XXX
6	GCE Applied AS level	KS5_VGAAS_XXX
7	GCE Applied double award	KS5_VGADA_XXX
8	GCE Applied AS double award	KS5_GDAS_XXX

NOTE: AS level qualifications included in the KS5 standard extract are only those which are not carried forward by the student to become a full A level

qualification.

The following table shows the variables that should be used to produce point score information for level 3 qualifications in table 1:

Achievement	Variable
Average QCDA point score by candidates achieving all Level 3 qualifications (per candidate)	KS5_TOTPTSE
Average QCDA point score by candidates achieving all Level 3 qualifications (per entry)	= Average of KS5_TOTPTSE/ Sum of candidates * Sum of KS5_TOTENTS

Applied A levels

VCE qualifications have been withdrawn from use and replaced by Applied GCEs.

Local Authority (LA) level results

These can be produced by replacing KS5_NATRES with **KS5_LARES**.

See Annex C for the types of schools and colleges included.

School level results

These can be produced by replacing KS5_NATRES with **KS5_SCHRES**.

See Annex C for the types of schools and colleges included.

3.2 Student characteristics

To reproduce breakdowns by student characteristics, the following variables should be used:

- **ETHNICGROUPLMINOR_SPRxx** – ethnicity;
- **LANGUAGEGROUPLMINOR_SPRxx** – first language;
- **FSMELIGIBLE_SPRxx** – free school meals eligibility; and
- **SENPROVISION_SPRxx** – special educational needs indicator.

The variable **KS5_GENDER** can be used to break down the results by gender.

Results by student characteristics should be reported for maintained schools only, i.e. KS5_NFTYPE in the range 20-27, 50-52, or KS5_MSCH = 1. Additionally, the criteria KS5_TRIGGER = 1 and KS5_LAESTAB <> ('8154611', '8604610', '8604172', '8604072', '9094312', '9255413', '9264085') should be applied.

Because same year characteristics information is not available for those Post-16 students who don't attend maintained schools, characteristics at Year 11 (last year of compulsory education) are sometimes used as a proxy to cover all KS5 students.

3.3 Suppression of published figures

Some published tables have small numbers, suppressed with either 'x' or '.'. This means that it will not always be possible to verify all reproduced figures against those published. Figures in published tables have been suppressed according to the following rules:

- If a cell count for eligible students is either 1 or 2, then the cell count will be marked with an 'x'. Also, any percentages derived from this count will be suppressed with an 'x'. To prevent figures being re-derived, other figures may also be suppressed, for example if a figure for girls was suppressed, the figure for boys should also be suppressed, to prevent re-derivation of the girls figure from the total. The total should also be suppressed if the total figure is 1 or 2.
- If a cell count for eligible students is zero, then the percentage will be marked as '.' (but the cell count will remain as zero).
- Percentages are also suppressed if the number achieving a particular indicator is 0, 1 or 2 or the number not achieving that indicator is 1 or 2. Secondary suppressions will also be applied here.

3.4 Value Added

Value Added (VA) is a method of measuring the progress made by pupils or students between different key stages. At KS5, one VA measure is reported; progress between KS4 and KS5. VA not only compares attainment achieved at KS4 and KS5, but also takes into account other factors known to affect students' performance, such as gender, the type of qualification and size of learning programme they have studied. This means that VA gives a much fairer statistical measure of the effectiveness of a school or college and provides a solid basis for comparisons.

Each student's VA score is based on a comparison between their actual performance at KS5 compared to their predicted performance by the VA model. An average of all students' scores is produced for a school/college, which is then adjusted for the model to take account of the cohort size, which then produces a school/college level VA measure. This number is presented as a number based around 1000, alongside a 95% confidence interval, to indicate the value that a school/college has added on average for its students.

More details on the background to VA can be found at:

http://www.education.gov.uk/performance/tables/16to18_10/d3.shtml

A more detailed technical background to the 2010 VA model, alongside ready reckoners for calculating a student's VA score, can be found at:

http://www.education.gov.uk/performance/16to18_10/documents.shtml

Contextual Value Added (CVA) scores are also reported in the extract for the students' progress between KS2/3 and KS4 in the variables **KS4_CVA_KS2** and **KS4_CVA_KS3**.

Prior to the introduction of this CVA, VA was used by the department to measure the progress of pupils between these key stages. Each pupil's value added score is based on a comparison between their KS3 performance and the median - or middle - performance of other pupils with the same or similar results at KS2. Value added scores between KS2 and KS3 are provided on the extract in the variable **KS3_VASCOREP**. More detailed information on value added can be found at:

http://www.education.gov.uk/performance/ks3_04/k4.shtml

3.5 Links to publications

- School and college level (2010) Achievement and Attainment Tables can be found at:

http://www.education.gov.uk/performance/16to18_10.shtml

- GCE/Applied GCE A/AS and Equivalent Examination Results in England, 2010/11 (Provisional):

<http://www.education.gov.uk/rsgateway/DB/SFR/s001035/index.shtml>

Annex A: Production Rules

The standard extract at KS5 merges KS5 attainment data with spring census data and with prior attainment at KS1, KS2, KS3 and KS4 (unless requested otherwise). The table below shows how certain variables on the NPD are derived and valid values that these variables can take. Variables in bold are included with standard extracts, and variables not in bold have to be specifically requested.

Some variables listed below are derived from other variables which are not provided on NPD extracts, for example full lists of qualifications included for certain variables. If more detailed information is required on any variables, please contact the NPD email box (npd.requests@education.gsi.gov.uk).

A1 Key Stage 5 attainment data

Variable	Description	Value	Conditions	Default value (if conditions not met)
KS5_MMSCH	Maintained mainstream school, academy or CTC (excluding maintained special schools)	=1 IF	KS5_NFTYPE = ANY(20-25,50-52)	ELSE =0
KS5_MMSCH2	Maintained mainstream school (excludes academies and CTCs)	=1 IF	KS5_NFTYPE = ANY(21-24)	ELSE =0
KS5_MSCH	Maintained school, academy or CTC (including maintained special schools)	=1 IF	KS5_NFTYPE = ANY(20-27,50-52)	ELSE =0
KS5_MSCH2	Maintained school, including maintained special schools (excluding academies and CTCs)	=1 IF	KS5_NFTYPE = ANY(21-24, 26-27)	ELSE =0
KS5_ENTRIES	Total entries for GCE/GCE Applied A/AS and other level 3 qualifications	=Number of entries	N/A	N/A
KS5_TRIGGER	Whether student meets the trigger criteria, i.e. 16-18 year old student attempted at least 1 GCE/GCE Applied A level or GCE Applied Double award A level in the summer of 2011	=1 IF	See annex B for more information	ELSE=0
KS5_AMDPUPIL	Shows when an amendment has been made to a pupil during the School and College AATs	=ANY(A,CL,D,E,IN,J,N,NR, TI,TO,TX,TZ,Z) IF (see	Student details have been amended	ELSE=NULL

	checking exercise	code list on data tables)		
KS5_ENTRY_GA	Number of GCE A level entries	= Count of GCE A levels entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_GAS	Number of GCE AS level entries	= Count of GCE AS levels entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_GDAS	Number of GCE AS Double Award Level entries	= Count of Applied GCE AS Double Awards entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_VGA A	Number of GCE Applied A level entries	= Count of GCE Applied A levels entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_VGADA	Number of GCE Applied Double Award level entries	= Count of GCE Applied Double Award levels entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_VGAS	Number of GCE Applied AS level entries	= Count of GCE Applied AS levels entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_ENTRY_K3	Number of key skills at level 3 entries	= Count of key skills at level 3 entered for IF	Entered for qualification between Winter 2009 and Summer 2011	ELSE=0
KS5_TOTENTS	Total number of GCE A level and equivalent entries (A level equivalencies)	= Sum of entries by A level equivalent size (e.g. AS level = ½) IF	Qualification is a level 3 approved qualification, entered for qualification between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_QROUTE	Qualification route taken by student (i.e. largest volume of entries)	=ANY(1-6)	See annex K	ELSE=NULL
KS5_POINTS_GA	Point score from GCE A levels	=Point score for qualifications included in KS5_ENTRY_GA	N/A	ELSE=0
KS5_POINTS_GAS	Point score from GCE AS levels	=Point score for qualifications included in KS5_ENTRY_GAS	N/A	ELSE=0
KS5_POINTS_GDAS	Point score from GCE AS Double Award levels	=Point score for qualifications included in KS5_ENTRY_GDAS	N/A	ELSE=0
KS5_POINTS_VGAA	Point score from GCE Applied A levels	=Point score for qualifications included in KS5_ENTRY_VGAA	N/A	ELSE=0

KS5_POINTS_VG ADA	Point score from GCE Applied Double Award levels	=Point score for qualifications included in KS5_ENTRY_VGADA	N/A	ELSE=0
KS5_POINTS_VG AAS	Point score from GCE Applied AS levels	=Point score for qualifications included in KS5_ENTRY_VGAAS	N/A	ELSE=0
KS5_POINTS_K3	Point score from key skills at level 3	=Point score for qualifications included in KS5_ENTRY_K3	N/A	ELSE=0
KS5_TOTPTSE	Total GCE A level and equivalents points score based on new QCA points	=Sum of points from relevant qualifications IF	Qualification is a level 3 approved qualification, entered for qualification between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TOTPTSEGS	Total QCA point score with General Studies A/AS level excluded	=Sum of points from relevant qualifications IF	Qualification is a level 3 approved qualification, entered for qualification between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TPTSRSGS	Total re-scaled point score of candidate's entries	= KS5_TOTPTSEGS – 120*(Total QCA size of candidate's entries when fails are halved)	N/A	N/A
KS5_TOTKS4	Total prior attainment point scores (GCSE or equivalents)	=Total prior attainment point scores	N/A	N/A
KS4_VOLKS4	Total size of prior attainment	=Sum of size of qualifications at GCSE or equivalents	N/A	N/A
KS5_GVOLKS4	Volume of KS4 prior attainment- GCSE qualifications only	= Sum of size of GCSE qualifications only	N/A	N/A
KS5_VVOLKS4	Volume of KS4 prior attainment- non-GCSE qualifications	= Sum of size of non-GCSE qualifications only	N/A	N/A
KS5_AVGKS4	Average prior attainment point score	=KS5_TOTKS4/KS4_VOLKS4	N/A	N/A
KS5_TGAE	Total QCA size of GCE A level entries	=Sum of size of entries IF	Qualification is a GCE A level, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0

KS5_TGAS	Total QCA points of GCE A level entries	=Sum of points IF	Qualification is a GCE A level, entered between Winter 2008 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TGASE	Total QCA size of GCE AS level entries (includes AQA Baccalaureate Core and Extended projects)	=Sum of size of entries IF	Qualification is a GCE AS level, AQA Baccalaureate Core or extended projects, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TGASS	Total QCA points of GCE AS level entries (includes AQA Baccalaureate Core and Extended projects)	=Sum of points IF	Qualification is a GCE AS level, AQA Baccalaureate Core or extended projects, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVAE	Total QCA size of GCE Applied A level entries	=Sum of size of entries IF	Qualification is a GCE Applied A level, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVAS	Total QCA points of GCE Applied A level entries	=Sum of points IF	Qualification is a GCE Applied A level, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVASE	Total QCA size of GCE Applied AS level entries (includes extended projects)	=Sum of size of entries IF	Qualification is a GCE Applied AS level, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVASS	Total QCA points of GCE Applied AS level entries (includes extended projects)	=Sum of points IF	Qualification is a GCE Applied AS level, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVDAE	Total QCA size of GCE Applied Double Award entries	=Sum of size of entries	Qualification is a GCE Applied double award, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0

KS5_TVDA5	Total QCA points of GCE Applied Double Award entries	=Sum of points IF	Qualification is a GCE Applied double award, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TIBE	Total QCA size of IB entries	=Sum of size of entries IF	Qualification is an IB, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TIBS	Total QCA points of IB entries	=Sum of points IF	Qualification is an IB, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TBTECE	Total QCA size of level 3 BTEC entries	=Sum of size of entries IF	Qualification is level 3 BTEC, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TBTECS	Total QCA points of level 3 BTEC entries	=Sum of points IF	Qualification is level 3 BTEC, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TOCRE	Total QCA size of level 3 OCR entries	=Sum of size of entries IF	Qualification is OCR, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TOCRS	Total QCA points of level 3 OCR entries	=Sum of points IF	Qualification is OCR, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TKSL3E	Total QCA size of Key Skills at level 3 entries	=Sum of size of entries IF	Qualification is Key/Basic Skills at level 3, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TKSL3S	Total QCA points of Key Skills at level 3 entries	=Sum of points IF	Qualification is Key/Basic Skills at level 3, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TNVQE	Total QCA size of level 3 NVQ entries	=Sum of size of entries IF	Qualification is level 3 NVQ, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0

KS5_TNVQS	Total QCA points of level 3 NVQ entries	=Sum of points IF	Qualification is level 3 NVQ, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVRQE	Total QCA size of level 3 VRQ entries	=Sum of size of entries IF	Qualification is level 3 VRQ, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TVRQS	Total QCA points of level 3 VRQ entries	=Sum of points IF	Qualification is level 3 VRQ, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TFSME	Total QCA size of Free Standing Maths entries	=Sum of size of entries IF	Qualification is Free Standing maths, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TFSMS	Total QCA points of Free Standing Maths entries	=Sum of points IF	Qualification is Free Standing maths, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TAEAE	Total QCA size of Advanced Extension Award entries	=Sum of size of entries IF	Qualification is Advanced Extension Award, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TAEAS	Total QCA points of Advanced Extension Award entries	=Sum of points IF	Qualification is Advanced Extension Award, entered between Winter 2009 and Summer 2011 and KS5_TRIGGER=1	ELSE=0
KS5_TALEVE	Total QCA size of A level route entries	=KS5_TGAE+KS5_TGASE	N/A	ELSE=0
KS5_TALEVS	Total QCA points of A level route entries	=KS5_TGAS+KS5_TGASS	N/A	ELSE=0
KS5_TAVCEE	Total QCA size of AVCE route entries	= KS5_TVAE + KS5_TVASE +KS5_TVDAE	N/A	ELSE=0
KS5_TAVCES	Total QCA points of AVCE route entries	= KS5_TVAS + KS5_TVAS + KS5_TVDAS	N/A	ELSE=0
KS5_TBTOCE	Total QCA size of BTEC/OCR route entries	= KS5_TBTECE+ KS5_TOCRE	N/A	ELSE=0
KS5_TBTOCS	Total QCA points of BTEC/OCR route entries	= KS5_TBTECS+ KS5_TOCRS	N/A	ELSE=0

KS5_TNVRE	Total QCA size of NVQ/VQR route entries	= KS5_TNVQE + KS5_TVRQE	N/A	ELSE=0
KS5_TNVR	Total QCA points of NVQ/VQR route entries	= KS5_TNVQS + KS5_TVRQS	N/A	ELSE=0
KS5_GRADEA_GA	Number of GCE A level qualifications at grade A or A*	=Count of A or A* grades achieved	KS5_TRIGGER=1 & exam is GCE A level	ELSE=0
KS5_GRADEA_VGAA	Number of GCE Applied A level qualifications at grade A or A*	=Count of A or A* grades achieved	KS5_TRIGGER=1 & exam is GCE Applied A level	ELSE=0
KS5_GRADEAA_VDA	Number of GCE Applied double award level qualifications at grade AA, A*A or A*A*	Count of AA, A*A or A*A* grades achieved	KS5_TRIGGER=1 & exam is GCE Applied double award	ELSE=0
KS5_GRADEAB_VDA	Number of GCE Applied double award level qualifications at grade AB	Count of AB grades achieved	KS5_TRIGGER=1 & exam is GCE Applied double award	ELSE=0
KS5_GRADEA_TOT	Total number of GCE/GCE Applied A levels at grade A or A* and GCE Applied double award levels at grade AA, A*A or A*A* (A level equivalencies)	= KS5_GRADEA_GA+ KS5_GRADEA_VGAA+ (2*KS5_GRADEAA_VGAD A)	N/A	ELSE=0
KS5_PASSES_GA	Number of passes at GCE A level	=Count of A*-E grades achieved	KS5_TRIGGER=1 & Exam is GCE A level	ELSE=0
KS5_PASSES_VGAA	Number of passes at GCE Applied A level	=Count of A*-E and A*A*,A*A,AA,AB,BC,CC,CD,DD, DE,EE grades achieved	KS5_TRIGGER=1 & Exam is GCE Applied A level	ELSE=0
KS5_PASSES_GAS	Number of passes at GCE AS level	=Count of A*-E grades achieved	KS5_TRIGGER=1 & Exam is GCE AS level	ELSE=0
KS5_PASSES_GDAS	Number of passes at GCE AS double award level	=Count of A*A*,A*A,AA,AB,BC,CC,CD,DD,DE,EE grades achieved	KS5_TRIGGER=1 & Exam is GCE AS double award level	ELSE=0
KS5_PASSES_VGAAAS	Number of passes at GCE Applied AS level	=Count of A*-E grades achieved	KS5_TRIGGER=1 & Exam is GCE Applied AS level	ELSE=0
KS5_PASSES_VGADA	Number of passes at GCE Applied double award level	=Count of A*A*,A*A,AA,AB,BC,CC,CD,DD, DE,EE grades achieved	KS5_TRIGGER=1 & Exam is GCE Applied double award level	ELSE=0

KS5_PASSES_TO T	Total number of GCE/GCE Applied A/AS level and GCE AS/GCE Applied double award level passes (A level equivalencies)	= KS5_PASSES_GA +KS5_PASSES_VGAA +(0.5*KS5_PASSES_GAS) +KS5_PASSES_GDAS +(0.5*KS5_PASSES_VGAAS) +(2*KS5_PASSES_VGADA)	N/A	ELSE=0
KS5_GA_xxxx	GCE A level grade achieved for subject xxxx (see annex I)	=ANY(A-E,N,Q,U,X)	If subject taken	ELSE=NULL
KS5_GAS_xxxx	GCE AS level grade achieved for subject xxxx (see annex I)	=ANY(A-E,N,Q,U,X)	If subject taken	ELSE=NULL
KS5_GDAS_xxxx	GCE AS double award grade achieved for subject xxxx (see annex I)	=ANY(AA,AB,BB,BC,CC,CD,DD,EE,N,Q,U,X)	If subject taken	ELSE=NULL
KS5_VGAA_xxxx	GCE Applied A level grade achieved for subject xxxx (see annex I)	=ANY(A-E,N,Q,U,X)	If subject taken	ELSE=NULL
KS5_VGAAS_xxxx	GCE Applied AS level grade achieved for subject xxxx (see annex I)	=ANY(A-E,N,Q,U,X)	If subject taken	ELSE=NULL
KS5_VGADA_xxxx	GCE Applied double award level grade achieved for subject xxxx (see annex I)	=ANY(AA,AB,BB,BC,CC,CD,DD,EE,Q,U,X)	If subject taken	ELSE=NULL
KS5_VERSION	Data version	= U (Unamended), A (Amended) or F (Final)	N/A	N/A

A2 Key Stage 4 prior attainment data

Variable	Description	Value	Conditions	Default value (if conditions not met)
KS4_NCN	Latest main National Centre number i.e. where most exams were entered for in the most recent year of exam entry	000001-999999	N/A	N/A
KS4_ENTRIES	Number of GCSE equivalent entries achieved in qualifications approved for use pre-16	=Count of relevant qualifications	N/A	N/A
KS4_AMDPUPIL	Type of pupil amendment made either prior to mail out or as a result of checking stage	=ANY(A,CL,D,E,F,IN,J,N,NR,R,TI , TO,TX,TZ,W,X,Z) IF (see code list on data tables)	Pupil details have been amended	ELSE=N ULL
KS4_EARLYT_E	Indicates whether GCSE and equivalents were taken early by a current 15 year old pupil, and shows their on-roll status	=1 IF	Early taker (with 5 or more A*-G) not on roll	ELSE=0
		=2 IF	Early taker (with less than 5 A*-G) not on roll	
		=3 IF	Early taker still on roll at school	
KS4_NORFLAGE	Indicates if the pupil should be included in number on roll and results calculations according to their school census status, and any amendments	=0-10 (see annex L) IF	(KS4_AGE=15 OR KS4_ENDKS=1) AND KS4_AMDPUPIL<>ANY(CL,D)	ELSE=N ULL
KS4_GCSEFULL/ KS4_GCSESHORT / KS4_GCSEVOC	Total number of full GCSE/short GCSE/ double award vocational GCSE entries	Number entered for IF	Entered for any	ELSE=0
KS4_GNVQFULLI/ KS4_GNVQFULLF	Total number of full intermediate/ foundation GNVQ entries	Number entered for IF	Entered for any	ELSE=0
KS4_GNVQP1I/ KS4_GNVQP1F	Total number of part 1 intermediate/ foundation GNVQ entries	Number entered for IF	Entered for any	ELSE=0
KS4_GNVQLANGI/ KS4_GNVQLANGF	Total number of language intermediate/foundation GNVQ entries	Number entered for IF	Entered for any	ELSE=0
KS4_ELQENTS	Total number of entry level qualification entries	Number entered for IF	Entered for any	ELSE=0

KS4_KSL1ENTS/ KS4_KSL2ENTS	Total number of Key Skills at level 1/level 2 entries	Number entered for IF	Entered for any	ELSE=0
KS4_ENTRY_G	Total number of GCSE/GNVQ entries (GCSE equivalences)	Number entered for IF	Entered for any	ELSE=0
KS4_ENTRY_E	Total number of GCSE and equivalent entries (GCSE equivalences)	Number entered for IF	Entered for any	ELSE=0
KS4_EXAMCAT	Highest examination category achieved at GCSE and equivalent	=ANY(1-7) (see annex L)	N/A	N/A
KS4_GCSE_ASTAR/.../ KS4_GCSE_G	Number of full GCSE qualifications at grade A*/.../G (GCSE equivalencies)	= SUM (1 for each single GCSE)	Qualifications achieved	ELSE=0
KS4_GCSE_AA/ KS4_GCSE_AC/ KS4_GCSE_AG/ KS4_GCSE_DG	Number of full GCSE qualifications at grades A*-A/ A*-C/ A*-G/ D-G (GCSE equivalencies)	=SUM(KS4_GCSE_ASTAR, KS4_GCSE_A) etc.	Qualifications achieved	ELSE=0
KS4_GCSE_SHORT_ASTAR/.../ /KS4_GCSE_SHORT_G	Number of short GCSE qualifications at grade A*/.../G (GCSE equivalencies)	= SUM (0.5 for each short GCSE)	Qualifications achieved	ELSE=0
KS4_GCSE_SHORT_AA/ KS4_GCSE_SHORT_AC/ KS4_GCSE_SHORT_AG/ KS4_GCSE_SHORT_DG	Number of short GCSE qualifications at grades A*-A/ A*-C/ A*-G/ D-G (GCSE equivalencies)	=SUM(KS4_GCSE_SHORT_ASTAR, KS4_GCSE_SHORT_A) etc.	Qualifications achieved	ELSE=0
KS4_GVOC_ASTAR/.../ KS4_GVOC_G	Number of double award vocational GCSE qualifications at grade A*/.../G (GCSE equivalencies)	= SUM (2 for each vocational GCSE , or 1 where grades are different, for example A*A)	Qualifications achieved	ELSE=0
KS4_GVOC_AA/ KS4_GVOC_AC/ KS4_GVOC_AG/ KS4_GVOC_DG	Number of double award vocational GCSE qualifications at grades A*-A/ A*-C/ A*-G/ D-G (GCSE equivalencies)	=SUM(KS4_GVOC_ASTAR, KS4_GVOC_A) etc.	Qualifications achieved	ELSE=0

KS4_GNVQINTDIS / KS4_GNVQINTMER / KS4_GNVQINTPAS	Number of distinction/merit/ pass intermediate GNVQs (GCSE equivalencies)	= SUM (0.5 for each Language Vocational/GNVQ, 2 for each Part 1 GNVQ or 4 for each Full GNVQ)	Qualifications achieved	ELSE=0
KS4_GNVQFOUDIS / KS4_GNVQFOUMER / KS4_GNVQFOUPAS	Number of distinction/merit/ pass foundation GNVQs (GCSE equivalencies)	= SUM (0.5 for each Language Vocational/GNVQ, 2 for each Part 1 GNVQ or 4 for each Full GNVQ)	Qualifications achieved	ELSE=0
KS4_PASS_AASTAR	Total number of GCSE/GNVQ qualifications at grades A*-A (GCSE equivalencies)	= SUM (KS4_GCSE_AA, KS4_GCSE_SHORT_AA, KS4_GNVQINTDIS, KS4_GVOC_AA, 1 for each short vocational GCSE)	Qualifications achieved	ELSE=0
KS4_PASS_AC	Total number of GCSE/GNVQ qualifications at grades A*-C (GCSE equivalencies)	= SUM (KS4_GCSE_AC, KS4_GCSE_SHORT_AC, KS4_GNVQINTDIS, KS4_GNVQINTMER, KS4_GNVQINTPAS, KS4_GVOC_AC, 1 for each short vocational GCSE)	Qualifications achieved	ELSE=0
KS4_PASS_LEV2	Total number of level 2 GCSE and equivalent qualifications (GCSE equivalencies)	= sum of qualifications at the level 2 threshold	Qualifications achieved	ELSE=0
KS4_PASS_AG	Total number of GCSE qualifications at grades A*-G	= SUM(KS4_GCSE_AG, KS4_GCSE_SHORT_AG, KS4_GNVQINTDIS, KS4_GNVQINTMER, KS4_GNVQINTPAS, KS4_GNVQFOUDIS, KS4_GNVQFOUMER, KS4_GNVQFOUPAS, KS4_GVOC_AG, 1 for each short	Qualifications achieved	ELSE=0

		vocational GCSE)		
KS4_PASS_LEV1	Total number of level 1 GCSE and equivalent qualifications (GCSE equivalencies)	= sum of qualifications at the level 1 threshold	Qualifications achieved	ELSE=0
KS4_TOTGNVQINT/ KS4_TOTGNVQFOU	Total number of intermediate/foundation GNVQ qualifications (GCSE equivalencies)	= SUM (KS4_GNVQINTDIS, KS4_GNVQINTMER, KS4_GNVQINTPAS) / = SUM (KS4_GNVQFOUDIS, KS4_GNVQFOUMER, KS4_GNVQFOUPAS)	Qualifications achieved	ELSE=0
KS4_ELQPASS	Total number of Entry level qualification passes (GCSE equivalencies)	= SUM (0.25 for each ELQ Band A, 0.5 for each Functional Skill at Entry Level, ELQ Band B and ELQ D/M/P grading), 1.0 for each ELQ Band C, 2.0 for each ELQ Band D)	GRADE ACHIEVED = ANY(1,2,3,2D,2M,2P,3D,3M,3P)	ELSE=0
KS4_KSL1PASS/ KS4_KSL2PASS	Total number of Key Skills at level 1/level 2 passes (GCSE equivalencies)	= SUM (0.75 for each Key Skill at Level 1)/ = SUM (0.75 for each Key Skill at Level 2)	GRADE ACHIEVED = P	ELSE=0
KS4_BTEC	Number of BTEC First Diploma/Certificates achieved (NOT GCSE equivalencies).	Sum of cases with relevant qualification code IF	POINTS ACHIEVED > 0	ELSE=0
KS4_EDEXDA	Number of EDEXCEL Qualifications in Digital Applications for IT Users achieved (NOT GCSE equivalencies).	Sum of cases with relevant qualification code IF	POINTS ACHIEVED > 0	ELSE=0
KS4_PTSTNEWE	Total GCSE and equivalents new style point score	See annex M	N/A	N/A
KS4_PTSCNEWE	Capped GCSE and equivalents new style point score	See annex M	N/A	N/A
KS4_PTSTNEWG	Total GCSE/ GNVQ new style point score	See annex M	N/A	N/A
KS4_POINTS_OLD_G	Total GCSE/GNVQ old style point score	Point score using old scoring system. Please request further details if necessary.	N/A	N/A
KS4_PASS_AASTAR5	Achieved 5 or more GCSE/GNVQs at grades A*-A	=1 IF	KS4_PASS_AASTAR >= 5	ELSE=0

KS4_FIVEAC	Achieved 5 or more GCSE/GNVQs at grades A*-C	=1 IF	KS4_PASS_AC >= 5	ELSE=0
KS4_LEVEL2	Achieved level 2 threshold (5 or more GCSE and equivalents at grades A*-C)	=1 IF	KS4_PASS_LEV2 >= 5	ELSE=0
KS4_FIVEAG	Achieved 5 or more GCSE/GNVQs at grades A*-G	=1 IF	KS4_PASS_AG >= 5	ELSE=0
KS4_LEVEL1	Achieved level 1 threshold (5 or more GCSE and equivalents at grades A*-G)	=1 IF	KS4_PASS_LEV1 >= 5	ELSE=0
KS4_ANYLEV1	Achieved at least 1 GCSE or equivalent at grade A*-G	=1 IF	KS4_PASS_LEV1 > 0	ELSE=0
KS4_ANYPASS	Achieved any passes at all in GCSE or equivalents	=1 IF	KS4_PTSTNEWE > 0	ELSE=0
KS4_VOCQUAL	Flag to indicate if a learner has achieved at least 1 vocational qualification at KS4	=1 IF	Qualification is defined as vocational	ELSE=0
KS4_2BTECEDEXDA	Achieved at least 2 BTEC first diploma/certificates or a combination of EDEXCEL qualifications in digital applications for IT user and BTEC first diploma/certificates	=1 IF	KS4_BTEC >= 2 OR (KS4_BTEC + KS4_EDEXDA)>=2 IF KS4_BTEC <>0	ELSE=0
KS4_HGMATH	Highest grade achieved in Full GCSE Maths (as used in the Maths threshold measures).	See Annex J IF	Subject taken by pupil	ELSE=N ULL
KS4_KS4SCI	Highest point score achieved (GCSE equivalencies) in science (full GCSE, full intermediate or foundation GNVQ and vocational GCSE)	= POINTS AWARDED/ SIZE OF QUALIFICATION EQUIVALENT TO GCSEs (e.g. 2 for double vocational GCSE) IF	Science qualification has been taken by pupil	ELSE=N ULL
KS4_LEVEL2_EM	Achieved 5 or more GCSE and equivalents at grades A*-C (level 2) including GCSE English and maths (counted as being a GCSE)	=1 IF	KS4_PASS_LEV2EM >= 5	ELSE=0
KS4_LEVEL2_FEM	Achieved 5 or more GCSE and equivalents at grades A*-C (level 2) including GCSE English and maths (functional English and maths)	=1 IF	KS4_LEVEL2=1 AND LEV2FEM=1	ELSE=0
KS4_LEVEL1_EM	Achieved 5 or more GCSE and equivalents at grades A*-G (level 1) including GCSE English and maths (counted as being a GCSE)	=1 IF	KS4_PASS_LEV1EM >= 5	ELSE=0

KS4_LEVEL1_FE M	Achieved 5 or more GCSE and equivalents at grades A*-G (level 1) including GCSE English and maths (functional English and maths)	=1 IF	KS4_LEVEL1=1 AND LEV1FEM=1	ELSE=0
KS4_LEV2ENG/ KS4_LEV2MAT/ KS4_LEV2EM	Achieved A*-C (level 2) in GCSE English/ maths/ English and maths	=1 IF	Achieved 1 full GCSE A*-C in English/ maths/ English and maths.	ELSE=0
KS4_LEV2FENG/ KS4_LEV2FMAT/ KS4_LEV2FEM	Achieved A*-C (level 2) in GCSE and equivalents English (functional English)/ Maths (functional maths) / English and maths (functional English and maths)	=1 IF	As for GCSE above but also includes level 2 basic skills, key skills and functional skills.	ELSE=0
KS4_LEV1ENG/ KS4_LEV1MAT/ KS4_LEV1EM	Achieved A*-G (level 1) in GCSE English/ maths/ English and maths	=1 IF	Achieved 1 full GCSE A*-G in English/ maths/ English and maths.	ELSE=0
KS4_LEV1FENG/ KS4_LEV1FMAT/ KS4_LEV1FEM	Achieved A*-G (level 1) in GCSE and equivalents English (functional English)/ Maths (functional maths) / English and maths (functional English and maths)	=1 IF	As for GCSE above but also includes level 1 basic skills, key skills and functional skills.	ELSE=0
KS4_LEV2SCIA/ KS4_PASS_ABSCI A	Achieved level 2/ A*-C in double science or applied science	=1 IF	Achieved equivalent of 1 double GCSE at level 2/ A*-C in GCSE double award science or vocational GCSE double award in applied science	ELSE=0
KS4_LEV2SCIB/ KS4_PASS_ABSCI B	Achieved level 2/ A*-C in GCSE science (core or applied) plus GCSE additional science or applied additional science or GCSE land and environment	=1 IF	Achieved equivalent of 1 GCSE at level 2/ A*-C in GCSE science (core) or vocational GCSE single award in applied science, and one of GCSE additional science, vocational GCSE single award in additional applied science vocational GCSE single award in applied science or GCSE land and environment	ELSE=0

KS4_LEV2SCIC/ KS4_PASS_ABSCI C	Entered biology, physics, chemistry GCSEs or ASs and achieved 'good' biology/ equivalent of A*-C GCSE biology plus physics or chemistry	=1 IF	Pupil entered GCSE or AS level Biology (including human biology), chemistry and physics and achieved equivalent of 1 GCSE at level 2/ A*-C in biology (including human biology) plus physics or chemistry	ELSE=0
KS4_LEV2SCID/ KS4_PASS_ABSCI D	Entered biology, physics, chemistry GCSEs or ASs and achieved 'good'/equivalent of A*-C physics and chemistry	=1 IF	Pupil entered GCSE or AS level Biology (including human biology), chemistry and physics and achieved equivalent of 1 GCSE at level 2/ A*-C in physics and chemistry	ELSE=0
KS4_LEV2SCIE/ KS4_PASS_ABSCI E	Achieved equivalent of level 2/A*-C GCSE in BTECs in science	= 1 IF	Achieved equivalent of 1 GCSE at level 2/ A*-C in BTECS in applied science	ELSE=0
KS4_LEV2SCIF/ KS4_PASS_ABSCI F	Achieved equivalent of level 2/ A*-C GCSE in OCR Nationals Award and certificate in science	= 1 IF	Achieved equivalent of 1 GCSE at level 2/ A*-C in OCR Nationals Award and certificate in applied science	ELSE=0
KS4_LEV2SCIG/ KS4_PASS_ABSCI G	Achieved equivalent of level 2/A*-C GCSE in intermediate GNVQs in science	=1 IF	Achieved equivalent of 1 GCSE at level 2/ A*-C in intermediate GNVQ in applied science	ELSE=0
KS4_LEV2SCI2/ KS4_PASS_ABSCI 2	Achieved 2 'good' GCSE science GCSEs or equivalent/ achieved equivalent of A*-C GCSE in 2 science GCSEs or equivalent	=1 IF	KS4_LEV2SCIA=1 OR KS4_LEV2SCIB=1 OR KS4_LEV2SCIC=1 OR KS4_LEV2SCID=1 / KS4_PASS_ABSCIA=1 OR KS4_PASS_ABSCIB=1 OR KS4_PASS_ABSCIC=1 OR KS4_PASS_ABSCID=1	ELSE=0

KS4_LEV2SCI2B/ KS4_PASS_ABSCI 2B	Achieved 2 'good' GCSE science GCSEs or equivalent (including the BTECs, OCRs and IGVQs) / achieved equivalent of A*-C GCSE in 2 science GCSEs or equivalent (including the BTECs and OCRs)	=1 IF	KS4_LEV2SCI2=1 OR KS4_LEV2SCIE=1 OR KS4_LEV2SCIF=1 OR KS4_LEV2SCIG=1 / KS4_PASS_ABSCI2=1 OR KS4_PASS_ABSCIE=1 OR KS4_PASS_ABSCIF=1 OR KS4_PASS_ABSCIG=1	ELSE=0
KS4_LEVEL2MFL	Achieved A*-C in one full Modern Foreign Language GCSE or equivalent	=1 IF	1 full GCSE at A*-C in MFL is achieved, or multiple MFL qualifications totalling 1 full GCSE at A*-C is achieved.	ELSE=0
KS4_LEVEL1MFL	Achieved A*-G in one short course Modern Foreign Language GCSE or equivalent	=1 IF	1 short GCSE at A*-G in MFL is achieved, or multiple MFL qualifications totalling 1 short GCSE at A*-G is achieved.	ELSE=0
KS4_ANYPMFL	Achieved any passes in Modern Foreign Language	=1 IF	Any pass in an MFL qualification is achieved	ELSE=0
KS4_APXXXX	Grade achieved in subject X (see codelist in annex I)	See Annex J IF	Subject taken by pupil	ELSE=N ULL
KS4_CVAP2APS	KS2 average point score (using fine grading) for Contextual Value Added	=AVERAGE(KS4_CVAP2ENG, KS4_CVAP2MAT, KS4_CVAP2SCI	Not all variables are null	ELSE=0
KS4_CVAP2ENG	KS2/KS3 English point score (using fine grading) for Contextual Value Added	=Fine grade point score achieved for KS2 English (see Annex D)	Valid KS2 level	ELSE=N ULL
KS4_CVAP2MAT	KS2 maths point score (using fine grading) for Contextual Value Added	=Fine grade point score achieved for KS2 maths (see Annex D)	Valid KS2 level	ELSE=N ULL
KS4_CVAP2SCI	KS2 science point score (using fine grading) for Contextual Value Added	=Fine grade point score achieved for KS2 science (see Annex D)	Valid KS2 level	ELSE=N ULL
KS4_CVA2INTP	Interim KS2-KS4 CVA predicted score	See section 3.4	N/A	N/A
KS4_CVA2PRED	Adjusted KS2-KS4 CVA predicted score (after ceilings and floors have been corrected using	See section 3.4	N/A	N/A

	the arctan spline function)			
KS4_CVA_KS2	Raw KS2-KS4 CVA score	=KS4_PTSCNEWE- KS4_CVA2PRED	N/A	N/A
KS4_SC_P2APS	School KS2 APS (using fine grading) for CVA.		N/A	N/A
KS4_SC_KS2STD	School standard deviation of pupils KS2 APS (using fine grading) for CVA		N/A	N/A
KS4_LEVELGENG	NC Level of GCSE English		N/A	N/A
KS4_LEVELGMAT H	NC Level of GCSE maths		N/A	N/A
KS4_ENGLISHBO NUS	Bonus for English		N/A	N/A
KS4_MATHSBON US	Bonus for Maths		N/A	N/A
KS4_SCOREPLUS BONUS	Existing capped score plus English and Maths bonuses		N/A	N/A
KS4_HPGENG	Highest standardised points in English GCSE		N/A	N/A
KS4_HPFENG	Highest standardised points in functional English		N/A	N/A
KS4_HPGMATH	Highest standardised points in Maths GCSE		N/A	N/A
KS4_HPFMATH	Highest standardised points in functional maths		N/A	N/A
KS4_FLAG3GENG 24	Achieved 3 levels of progress from KS2 (excluding TA) to GCSE English at KS4	=1 (Yes) or 2 (No)	N/A	ELSE = NULL
KS4_FLAG3GMAT H24	Achieved 3 levels of progress from KS2 (excluding TA) to GCSE Maths at KS4	=1 (Yes) or 2 (No)	N/A	ELSE = NULL
KS4_P2APSSQ	KS2-4 Prior attainment APS (squared)	=KS4_CVAP2APS* KS4_CVAP2APS	N/A	N/A
KS4_P2E_DEV	KS2-4 Prior attainment English Point Score (PS) deviation	=KS4_CVAP2ENG- KS4_CVAP2APS IF	KS4_CVAP2ENG ^>=0 OR KS4_CVAP2APS ^>=0	ELSE=0
KS4_P2M_DEV	KS2-4 Prior attainment maths PS deviation	=KS4_CVAP2MAT- KS4_CVAP2APS IF	KS4_CVAP2MAT ^>=0 OR KS4_CVAP2APS ^>=0	ELSE=0

KS4_EAL_P2APS	KS2-4: Is English not first language?*Prior APS	KS4_FLANG* KS4_CVAP2APS	N/A	N/A
KS4_EAL_P2APS SQ	KS2-4: Is English not first language?*Prior APS squared	KS4_FLANG* KS4_P2APSSQ	N/A	N/A
KS4_VERSION	Data version	= U (Unamended), A (Amended) or F (Final)	N/A	N/A

A3 Key Stage 3 prior attainment data

Variable	Description	Value	Conditions	Default value (if conditions not met)
KS3_ELIGENG	Pupil included in eligible pupil number for English	=1 IF	KS3_ENGLEV = ANY(A,B, M,N,P,T,2-7,Q)	ELSE=0
KS3_ELIGMAT	Pupil included in eligible pupil number for maths	=1 IF	KS3_MATLEV = ANY(A,B, M,N,P,T,2-8,Q)	ELSE=0
KS3_ELIGSCI	Pupil included in eligible pupil number for science	=1 IF	KS3_SCILEV = ANY(A,B, M,N,P,T,2-7,Q)	ELSE=0
KS3_VALENG	Pupil included in eligible pupil number for English and does not have a missing, unmatched past or lost results	=1 IF	KS3_ENGLEV= ANY(A,B,N,T,2-7, Q)	ELSE= 0
KS3_VALMAT	Pupil included in eligible pupil number for maths and does not have a missing, unmatched past or lost results	=1 IF	KS3_MATLEV = ANY(A,B,N,T,2-8, Q)	ELSE= 0
KS3_VALSCI	Pupil included in eligible pupil number for science and does not have a missing, unmatched past or lost results	=1 IF	KS3_SCILEV = ANY(A,B,N,T,2-7, Q)	ELSE= 0
KS3_ENGTIER	English paper sat by pupil	=ANY(35,47,2-5,_X,A,B,D, E,F,L,M,N,P,T,W,Z,IN)	N/A	N/A
KS3_ENGREADM RK	Marks achieved in English reading test	=ANY(0-32, A,M, IN)	N/A	N/A
KS3_ENGRDSHM ARK	Marks achieved in Shakespeare reading test	=ANY(0-18, A,M,IN)	N/A	N/A
KS3_ENGWITMR K	Marks achieved in English longer writing task (English writing test mark for 03/04 to 04/05)	=ANY(0-30, A,M, IN)	N/A	N/A
KS3_ENGWRSHM RK	Marks achieved in English shorter writing task (English writing Shakespeare test mark for 03/04 to 04/05)	=ANY(0-20, A,M, IN)	N/A	N/A
KS3_ENGRDTOT MRK	Total marks achieved in English reading test (sum of reading and Shakespeare reading tests)	=ANY(0-50, A,M, IN)	N/A	N/A
KS3_ENGWRTOT MRK	Total marks awarded in English writing test (sum of longer and shorter writing tasks)	=ANY(0-50, A,M, IN)	N/A	N/A
KS3_ENGTOTMR K	Total marks achieved in English test (sum of reading and writing tests)	=ANY(0-100, A,M, IN)	N/A	N/A

KS3_READLEV	National curriculum level awarded for English reading test (forms half of overall English level)	=ANY(0-9,A, B,D,F,L,M,N, P,Q,S,T,X,Z, IN,_X)	N/A	N/A
KS3_WRITLEV	National curriculum level awarded for English writing test (forms half of overall English level)	=ANY(0-9,A, B,D,F,L,M,N, P,Q,S,T,X,Z, IN,_X)	N/A	N/A
KS3_ENGTALEV	National curriculum level awarded for English teacher assessment	=ANY(0-8,A, B,D,E,F,L,M, N,P,W,X,Z, IN)	N/A	N/A
KS3_ENGLEV	National curriculum level awarded for English test	=ANY(3-8,A, B,D,E,F,L,M, N,P,Q,S,T,X,Y,Z,IN,_X)	N/A	N/A
KS3_ENGPOINTS	English attainment point score	= Points allocated to KS3_ENGLEV	KS3_ENGLEV =ANY(B,N,3-7)	ELSE=N ULL
KS3_ENGFINE	Finely graded level of English test	=3.5-8.0 IF	KS3_ENGLEV =ANY(B,N,3-7)	ELSE=N ULL
KS3_MATTIER	Maths paper sat by pupil	=ANY(35,46,57,68,2,4,6,A, B,D,E,F,L,M,P,T,V,Z,IN,_X)	N/A	N/A
KS3_MATPAP1MRK	Marks achieved in paper 1 of maths test	=ANY(0-61, A,M, IN,_NV)	N/A	N/A
KS3_MATPAP2MRK	Marks achieved in paper 2 of maths test	=ANY(0-60, A,M, IN,_NV)	N/A	N/A
KS3_MATARTHMRK	Marks achieved in mental arithmetic paper of maths test	=ANY(0-30, A,M, IN,_NV)	N/A	N/A
KS3_MATTOTMRK	Total marks achieved in maths test (sum of paper 1, paper 2 and mental arithmetic test)	=ANY(0-151, A,M, IN,_NV)	N/A	N/A
KS3_MATTALEV	National curriculum level awarded for maths teacher assessment	=ANY(1-8,A, B,D,E,F,L,M, N, P,W,X,Z,IN,_X)	N/A	N/A
KS3_MATLEV	National curriculum level awarded for maths test	=ANY(2-8,A, B,D,F,L,M,N, P,Q,S,T,V,X,Y,Z,IN,_X)	N/A	N/A
KS3_MATPOINTS	Maths attainment point score	= Points allocated to KS3_MATLEV	KS3_MATLEV =ANY(B,N,2-8)	ELSE=N ULL
KS3_MATFINE	Finely graded level of maths test	=2.5-8.99 IF	KS3_MATLEV =ANY(B,N,2-8)	ELSE=N ULL
KS3_SCITIER	Science paper sat by pupil	=ANY(35,36,47,56,57,67,A, B,D,E,F,L,M,P,T,V,W, Z,IN,_X)	N/A	N/A

KS3 SCIPAP1MRK	Marks achieved in paper 1 of science test	=ANY(0-90, IN,_NV)	N/A	N/A
KS3 SCIPAP2MRK	Marks achieved in paper 2 of science test	=ANY(0-90, IN,_NV)	N/A	N/A
KS3 SCITOTMRK	Total marks achieved in science test (sum of paper 1 and paper 2)	=ANY(0-180, IN,_NV)	N/A	N/A
KS3 SCITALEV	National curriculum level awarded for science teacher assessment	=ANY(1-8,A, B,D,E,F,L,M,N, P,W,X,Z, IN,_X)	N/A	N/A
KS3 SCILEV	National curriculum level awarded for science test	=ANY(0-8,A, B,D,E, F,L,M, N,P,Q,S,T,V,X,Y,Z,_X)	N/A	N/A
KS3 SCIPOINTS	Science attainment point score	= Points allocated to KS3_SCILEV	KS3_SCILEV =ANY(B,N,2-7)	ELSE=NULL
KS3 SCIFINE	Finely graded level of science test	=2.5-7.99 IF	KS3_MATLEV =ANY(B,N,2-7)	ELSE=NULL
KS3 LEVLENG	Achieved level 3 or below (expected level) in KS3 English	=1 IF	KS3_ENGLEV= ANY(W,1,2,3)	ELSE= 0
KS3 LEVLMAT	Achieved level 3 or below (expected level) in KS3 maths	=1 IF	KS3_MATLEV= ANY(W,1,2,3)	ELSE= 0
KS3 LEVLSCI	Achieved level 3 or below (expected level) in KS3 science	=1 IF	KS3_SCILEV= ANY(W,1,2,3)	ELSE= 0
KS3 LEVLEMS	Achieved level 3 or below (expected level) in KS3 English, maths and science	=1 IF	KS3_ENGLEV= ANY(W,1,2,3) AND KS3_MATLEV=ANY(W,1,2,3) AND KS3_SCILEV=ANY(W,1,2,3)	ELSE= 0
KS3 LEVLEMSTA	Achieved level 3 or below (expected level) in KS3 English maths and science Teacher Assessment	=1 IF	KS3_ENGTALEV= ANY(W,1,2,3) AND KS3_MATTALEV=ANY(W,1,2,3) AND KS3_SCITALEV=ANY(W,1,	ELSE= 0
KS3 LEVXENG	Achieved level 5 or above (expected level) in KS3 English	=1 IF	KS3_ENGLEV= ANY(5,6,7)	ELSE= 0
KS3 LEVXMAT	Achieved level 5 or above (expected level) in KS3 maths	=1 IF	KS3_MATLEV= ANY(5,6,7,8)	ELSE= 0
KS3 LEVXSCI	Achieved level 5 or above (expected level) in KS3 science	=1 IF	KS3_SCILEV= ANY(5,6,7)	ELSE= 0
KS3 LEVXEMS	Achieved level 5 or above (expected level) in KS3 English, maths and science	=1 IF	KS3_ENGLEV= ANY(5,6,7,8) AND KS3_MATLEV=ANY(5,6,7,8)	ELSE= 0

			AND KS3_SCILEV=ANY(5,6,7,8)	
KS3_LEVXEMSTA	Achieved level 5 or above (expected level) in KS3 English, maths and science teacher assessment	=1 IF	KS3_ENGTALEV= ANY(5,6,7,8) AND KS3_MATTALEV=ANY(5,6,7, 8) AND KS3_SCITALEV=ANY(5,6,7,8)	ELSE= 0
KS3_LEVAXENG	Achieved level 6 or above (above expected level) in KS3 English	=1 IF	KS3_ENGLEV= ANY(6,7)	ELSE= 0
KS3_LEVAXMAT	Achieved level 6 or above (above expected level) in KS3 maths	=1 IF	KS3_MATLEV= ANY(6,7,8)	ELSE= 0
KS3_LEVAXSCI	Achieved level 6 or above (above expected level) in KS3 science	=1 IF	KS3_SCILEV= ANY(6,7)	ELSE= 0
KS3_LEVAXEMS	Achieved level 6 or above (above expected level) in KS3 English, maths and science	=1 IF	KS3_ENGLEV= ANY(6,7,8) AND KS3_MATLEV=ANY(6,7,8) AND KS3_SCILEV=ANY(6,7,8)	ELSE= 0
KS3_LEVAXEMST A	Achieved level 6 or above (above expected level) in KS3 English, maths and science teacher assessment	=1 IF	KS3_ENGTALEV= ANY(6,7,8) AND KS3_MATTALEV=ANY(6,7,8) AND KS3_SCITALEV=ANY(6, 7,8)	ELSE= 0
KS3_LEVATENG	Absent or unable to access the test in English	=1 IF	KS3_ENGLEV= ANY(A,T)	ELSE= 0
KS3_LEVATMAT	Absent or unable to access the test in Maths	=1 IF	KS3_MATLEV= ANY(A,T)	ELSE= 0
KS3_LEVATSCI	Absent or unable to access the test in Science	=1 IF	KS3_SCILEV= ANY(A,T)	ELSE= 0
KS3_TOTPTS	Total KS3 point score	=0-141	N/A	N/A
KS3_APSDENS	Number of subjects in which the pupil contributes to the average point score at the school level	0 - 3	KS3_SCHRES=1 AND (ENGLEV=ANY(B,N,3-7) OR MATLEV=ANY (B,N,2-8) OR SCILEV = ANY(B,N,2-7))	N/A
KS3_APSDENN	Number of subjects in which the pupil contributes to the average point score at the national level	0 - 3	KS3_NATRES=1 AND (ENGLEV=ANY(B,N,3-7) OR MATLEV=ANY (B,N,2-8) OR	N/A

			SCILEV = ANY(B,N,2-7))	
KS3_CVAPAPS	KS2 prior attainment average point score (APS) (using fine grading), used as an input measure in the calculation of CVA	=AVERAGE (6*KS3_CVAPENG,KS3_CVAPMAT,6*KS3_CVAPSCI) IF	KS3_CVAPENG<>NULL OR KS3_CVAPMAT<>NULL OR KS3_CVAPSCI<>NULL	ELSE=NULL
KS3_CVAAPS	KS3 current attainment average point score (using fine grading) used as the output measure in the calculation of CVA	=AVERAGE (6*KS3_ENGFINE, 6*KS3_MATFINE,6*KS3_SCIFINE)		ELSE=NULL
KS3_CVAPENG	KS2 prior attainment English fine grade for CVA	= FINELY GRADED LEVEL OF KS2 ENGLISH using KS2_ENGLEV	KS2 ENGLISH GRADE =ANY(B,N,2-5)	ELSE=NULL
KS3_CVAPMAT	KS2 prior attainment maths fine grade for CVA	= FINELY GRADED LEVEL OF KS2 MATHS using KS2_MATLEV	KS2 MATHS GRADE =ANY(B,N,2-5)	ELSE=NULL
KS3_CVAPSCI	KS2 prior attainment science fine grade for CVA	= FINELY GRADED LEVEL OF KS2 SCIENCE using KS2_SCILEV	KS2 SCIENCE GRADE =ANY(B,N,2-5)	ELSE=NULL
KS3_CVAPRED	Predicted KS3 average point score based on the CVA model	=VALUE RETURNED FROM CVA MODEL (SEE SECTION 3.4)	KS3_INCVA=1 (pupil has prior attainment matched to current attainment, at least 1 valid KS2 level of (B,N,2-5)	ELSE=NULL
KS3_CVASCORE	KS2-KS3 CVA score	=KS3_CVAAPS- KS3_CVAPRED	KS3_INCVA=1 (pupil has prior attainment matched to current attainment, at least 1 valid KS2 level of (B,N,2-5)	ELSE=NULL
KS3_AMEND	Type of amendment made either prior to mail out or as a result of the checking exercise	=ANY(A,CL,D,F,IN,J,N, NR,TI,TO, TX,Z)	N/A	N/A

A4 Key Stage 2 prior attainment data

Variable	Description	Value	Conditions	Default value (if conditions not met)
KS2_ELIGENG	Pupil included in eligible pupil number for English	=1 IF	KS2_ENGLEV = ANY(A,B,M,N,P,T,2-5,Q)	ELSE= 0
KS2_ELIGMAT	Pupil included in eligible pupil number for maths	=1 IF	KS2_MATLEV = ANY(A,B,M,N,P,T,2-5,Q)	ELSE= 0
KS2_ELIGSCI	Pupil included in eligible pupil number for science	=1 IF	KS2_SCILEV = ANY(A,B,M,N,P,T,2-5,Q)	ELSE= 0
KS2_VALENG	Pupil included in eligible pupil number for English and does not have a missing, unmatched past or lost results	=1 IF	KS2_ENGLEV = ANY(A,B,N,T,2-5,Q)	ELSE= 0
KS2_VALMAT	Pupil included in eligible pupil number for maths and does not have a missing, unmatched past or lost results	=1 IF	KS2_MATLEV = ANY(A,B,N,T,2-5,Q)	ELSE= 0
KS2_VALSCI	Pupil included in eligible pupil number for science and does not have a missing, unmatched past or lost results	=1 IF	KS2_SCILEV = ANY(A,B,N,T,2-5,Q)	ELSE= 0
KS2_ENGTIER	English paper sat by pupil	=ANY(35,0,2,46,A,B,D,E,F,L,M,P,T,Z,IN,_X)	N/A	N/A
KS2_ENGREADM RK	Marks achieved in English reading test	=ANY(0-50,A,M,IN,_NV)	N/A	N/A
KS2_ENGWITMR K	Marks achieved in English writing test	=ANY(0-50,A,M,IN,_NV)	N/A	N/A
KS2_ENGHNDWR MRK	English handwriting test mark	=ANY(0-5,_NV)	N/A	N/A
KS2_ENGSPELLW RMRK	English spelling test mark	=ANY(0-10,_NV)	N/A	N/A
KS2_ENGTOTMR K	Total marks achieved in English test (sum of reading and writing tests)	=ANY(0-115,A,M,IN,_NV)	N/A	N/A
KS2_ENGREADLE V	National curriculum level awarded for English reading test (forms half of overall English)	=ANY(3-5,A,B,D,F,L,M,N,P,Q,S,T,X,Z,_X)	N/A	N/A

	level)			
KS2_ENGWRTLE V	National curriculum level awarded for English writing test (forms half of overall English level)	=ANY(3-5,A,B,D,F,L,M,N,P,Q,S,T,X,Z,_X)	N/A	N/A
KS2_ENGTALEV	National curriculum level awarded for English teacher assessment	=ANY(1-6,A,D,F,L,M,N,P,W,X,Z,IN,_X)	N/A	N/A
KS2_ENGMAINLE V	English main test level	=ANY(2-5,A,B,D,L,M,N,Q,X,Y,Z,_X)	N/A	N/A
KS2_ENGLEV	National curriculum level awarded for English test	=ANY(1-6,A,B,D,F,L,M,N,P,Q,S,T,X,Y,Z,_X)	N/A	N/A
KS2_ENGEXTLEV	English extension test level	=ANY(6,_X)	N/A	N/A
KS2_MATTIER	Maths paper sat by pupil	=ANY(35,1,2,4,5,8,A,B,D,E,F,L,M,N,P,T,Y,Z,IN,_X)	N/A	N/A
KS2_MATTESTAM RK	Marks achieved in test A of the maths test	=ANY(0-40,A,M,IN,_NV)	N/A	N/A
KS2_MATTESTBM RK	Marks achieved in test B of the maths test	=ANY(0-40,A,M,IN,_NV)	N/A	N/A
KS2_MATARTHMRK	Marks achieved in mental arithmetic test of maths test	=ANY(0-20,A,M,IN,_NV)	N/A	N/A
KS2_MATTOTMRK	Total marks achieved in maths test (sum of test A, test B and mental arithmetic test)	=ANY(0-100,A,M,IN,_NV)	N/A	N/A
KS2_MATEXTMRK	Maths extension mark	=ANY(0-30,_NV)	N/A	N/A
KS2_MATTALEV	National curriculum level awarded for maths teacher assessment	=ANY(1-6,A,D,F,L,M,N,P,W,X,Z,IN,_X)	N/A	N/A
KS2_MATMAINLE V	Maths main test level	=ANY(2-5,A,B,D,L,M,N,Q,V,X,Y,Z,_X)	N/A	N/A
KS2_MATLEV	National curriculum level awarded for maths test	=ANY(1-6,A,B,D,F,L,M,N,P,Q,S,T,W,X,Y,Z,_X)	N/A	N/A
KS2_SCITIER	Science paper sat by pupil	=ANY(35,2,A,B,D,E,F,L,M,P,T,Z,IN,_X)	N/A	N/A
KS2_SCITESTAM RK	Marks achieved in test A of the science test	=ANY(0-40,A,M,IN,_NV)	N/A	N/A

KS2_SCITESTBMRK	Marks achieved in test B of the science test	=ANY(0-40,A,M,IN,_NV)	N/A	N/A
KS2_SCITOTMRK	Total marks achieved in science test (sum of test A and test B)	=ANY(0-80,A,M,IN,_NV)	N/A	N/A
KS2_SCIEXTMRK	Science extension mark	=ANY(0-30,_NV)	N/A	N/A
KS2_SCITALEV	National curriculum level awarded for science teacher assessment	=ANY(1-6,A,D,F,L,M,N,P,W,X,Z,IN,_X)	N/A	N/A
KS2_SCIMAINLEV	Science main test level	=ANY(2-5,A,B,D,L,M,N,Q,V,X,Y,Z,_X)	N/A	N/A
KS2_SCILEV	National curriculum level awarded for science test	=ANY(1-6,A,B,D,F,L,M,N,P,Q,S,T,W,X,Y,Z,_X)	N/A	N/A
KS2_LEVXENG	Achieved Level 4 or above in KS2 English	=1 IF	KS2_ENGLEV=ANY(4,5)	ELSE=0
KS2_LEVXMAT	Achieved Level 4 or above in KS2 Maths	=1 IF	KS2_MATLEV=ANY(4,5)	ELSE=0
KS2_LEVXSCI	Achieved Level 4 or above in KS2 Science	=1 IF	KS2_SCILEV=ANY(4,5)	ELSE=0
KS2_LEVAXENG	Achieved Level 5 in KS2 English	=1 IF	KS2_ENGLEV=5	ELSE=0
KS2_LEVAXMAT	Achieved Level 5 in KS2 Maths	=1 IF	KS2_MATLEV=5	ELSE=0
KS2_LEVAXSCI	Achieved Level 5 in KS2 Science	=1 IF	KS2_SCILEV=5	ELSE=0
KS2_TOTPTS	Total KS2 point score as used in the valued added calculations	=KS2_ENGPOINTS+KS2_MATPOINTS+KS2_SCIPOINTS	N/A	N/A
KS2_APSDENS	Number of subjects in which the pupil contributes to the average point score at school level	0 - 3	KS2_SCHRES=1 AND IF ANY (ENGLEV, MATLEV, SCILEV = ANY(B,N,2-5)) ADD 1	
KS2_APSDENN	Number of subjects in which the pupil contributes to the average point score at national level	0 - 3	KS2_NATRES=1 AND IF ANY (ENGLEV, MATLEV, SCILEV = ANY(B,N,2-5)) ADD 1	
KS2_VAINPUT	KS1 average point score used as the input measure in the calculation of	Average point scores derived from reading, writing and maths	N/A	N/A

	value added	test/task scores at KS1		
KS2_VAOUTPUT	KS2 average point score used as the output measure in the calculation of value added	Average point score from English, maths and science KS2 levels	N/A	N/A
KS2_VASOREP	Value added score	=KS2_VAOUTPUT - KS2 median point score	N/A	N/A
KS2_AMEND	Type of amendment made either prior to mail out or as a result of the checking exercise	=ANY(A,CL,D,F,IN,,J,N,NR,TI,TO, TX,Z)	N/A	N/A

A5 Key Stage 1 prior attainment data

Variable	Description	Value	Conditions	Default value (if conditions not met)
KS1_SPEAKANDLISTEN	National Curriculum level awarded for speaking and listening (teacher assessment)	=ANY(1-4,A,D,W)	N/A	N/A
KS1_ENGREADTSK	English reading task	=ANY(1,2C,2B,2A,A,D,W,X)	N/A	N/A
KS1_ENGCOMPTST	English comprehension test	=ANY(2C,2B,2A,3,4,A,D,L,X)	N/A	N/A
KS1_READING	National curriculum level awarded for reading (teacher assessment)	=ANY(W,1,2C,2B,2A,3,4,A,D)	N/A	N/A
KS1_ENGWRIITST	English writing test	=ANY(W,1,2C,2B,2A,3,4+,A,D)	N/A	N/A
KS1_ENGSPELLTST	English spelling test	=ANY(2,3,A,D,L,X)	N/A	N/A
KS1_WRITING	National curriculum level awarded for writing (teacher assessment)	=ANY(W,1,2C,2B,2A,3,4+,A,D)	N/A	N/A
KS1_ENGSUBTA	Overall English teacher assessment level	=ANY(A,D,U,W,1,2,3,4+)	N/A	N/A
KS1_MATHUSEAPP	Maths using and applying (teacher assessment)	=ANY(A,D,U,W,1,2,3,4+)	N/A	N/A
KS1_MATHNOALG	Maths number and algebra (teacher assessment)	=ANY(A,D,U,W,1,2,3,4+)	N/A	N/A
KS1_MATSHAPMEAS	Maths shapes and measures	=ANY(A,D,U,W,1,2,3,4+)	N/A	N/A
KS1_MATHTSKTS	Maths task/test	=ANY(A,D,W,1,2,3,4+)	N/A	N/A
KS1_MATHS	National curriculum level awarded for maths (teacher assessment)	=ANY(A,D,W,1,2C,2B,2A,3,4+)	N/A	N/A
KS1_SCIEXPINVEST	National Curriculum level awarded for scientific enquiry (teacher assessment)	=ANY(A,D,W,1,2,3,4)	N/A	N/A
KS1_SCILIFPROT	National Curriculum level awarded for life and living processes (teacher assessment)	=ANY(A,D,W,1,2,3,4)	N/A	N/A
KS1_SCIMATPROP	National Curriculum level awarded for materials and their properties (teacher assessment)	=ANY(A,D,W,1,2,3,4)	N/A	N/A
KS1_SCIPHYSPROC	National Curriculum level awarded for physical processes	=ANY(A,D,W,1,2,3,4)	N/A	N/A

	(teacher assessment)			
KS1_SCIENCE	National Curriculum level awarded for overall science (teacher assessment)	=ANY(U,W,1,2,3,4)	N/A	N/A
KS1_VERSION	Data version	=U (unamended) Or F (final)	N/A	N/A

A6 2011 Spring census data (Standard extracts include 2002-2011 PLASC/School Census data. Year is denoted by xx)

Variable	Description	Value	Conditions	Default value (if conditions not met)
ETHNICITY_SPRxx	Pupil's ethnic code	See Annex E	N/A	N/A
ETHNICGROUPTMINOR_SPRxx	Pupil's minor ethnic group based on ethnic code	See Annex E	N/A	N/A
ETHNICGROUPTMAJOR_SPRxx	Pupil's major ethnic group based on ethnic code	See Annex E	N/A	N/A
FSMELIGIBLE_SPRxx	Pupil eligible for free school meals	=1 IF	TRUE	ELSE =0
EVERFSM_3_SPRxx	Flag to indicate if pupil has been recorded as eligible for free school meals in any Spring Census in the last 3 years	=1 IF	TRUE	ELSE =0
EVERFSM_6_SPRxx	Flag to indicate if pupil has been recorded as eligible for free school meals in any Spring Census in the last 6 years	=1 IF	TRUE	ELSE =0
EVERFSM_ALL_SPRxx	Flag to indicate if pupil has been recorded as eligible for free school meals in any Spring Census	=1 IF	TRUE	ELSE =0
CONNEXIONS_SPRxx	Do parents consent to pupil data being shared with Connexions?	=1 IF	TRUE	ELSE=0
LANGUAGE_SPRxx	Language code of pupils whose first language is other than English	See Annex F	N/A	N/A
LANGUAGEGROUPTMINOR_SPRxx	Pupil's minor language group based on language code	See Annex F	N/A	N/A
LANGUAGEGROUPTMAJOR_SPRxx	Pupil's major language group based on language code	=ANY(1,2,3)	N/A	N/A
GANDTINDICATOR_SPRxx	Indicates if the pupil is in the Gifted and Talented cohort for the school	=1 IF	TRUE	ELSE=0

MODEOFTRAVEL_S PRxx	Indicates the usual mode of travel used by the pupil for the greater part (in distance) of the journey to school	See codelist in annex H	N/A	N/A
ENROLSTATUS_S PRxx	Indicates enrolment status of pupil	=C (Current, single registration at this school), G (Guest, pupil not registered at this school but attending some lessons), M (Main current, dual registration), S (Current subsidiary, dual registration)	N/A	N/A
ENTRYDATE_S PRxx	Date of entry to current school	Date	N/A	N/A
LEAVINGDATE_S PRxx	Date pupil left current school	Date	N/A	N/A
SERVICECHILD_S PRxx	Indicates if a child has parent(s) who are Service personnel serving in regular military units of all forces and exercising parental care and responsibility	=1 IF	TRUE	ELSE=0
PARTTIME_S PRxx	Indicates if the pupil is part time or not	=1 IF	TRUE	ELSE=0
BOARDER_S PRxx	Indicates if the pupil is a boarder or not	=ANY(B,6,7,N)	N/A	N/A
NCYEARACTUAL_S PRxx	The year group in which the pupil is taught regardless of their chronological age	=ANY(N1,N2,R,1-14,X)	N/A	N/A
SENPROVISION_S PRxx	Provision types under the SEN Code of Practice	=ANY(N,A,P,S)	N/A	N/A
SENPROVISIONM AJOR_S PRxx	Pupil's major SEN provision group based on SEN provision code	=ANY(1,2,3,4)	N/A	N/A
PRIMARYSEN_S Rxx	Primary SEN type	See data tables	N/A	N/A
SECONDARYSEN _S PRxx	Secondary SEN type	See data tables	N/A	N/A
SENUNITINDICAT OR_S PRxx	Indicates if a pupil with SEN in a mainstream school is a member of a SEN unit	=1 IF	TRUE	ELSE=0

RESOURCEDPROVISIONINDICATOR_SPRxx	Indicates if a pupil with SEN in a mainstream school is a member of a resourced provision	=1 IF	TRUE	ELSE=0
HOMELA_SPRxx	Home Local Authority code derived from pupil's postcode		N/A	N/A
HOMELA_9CODE_SPRxx (new for 2011)	Home Local Authority 9-digit code derived from pupil's postcode		N/A	N/A
MOBILITYIND_SPRRxx	Flag to indicate if pupil has different postcode from previous Spring Census	=ANY(0,1,2,3)	N/A	N/A
DISTCURRSCH_SPRxx	Distance from pupil postcode to current school		N/A	N/A
DISTNEARSCH_SPRxx	Distance from pupil postcode to nearest suitable school		N/A	N/A
NEARSCHLAESTAB_SPRxx	LAESTAB number of nearest suitable school to pupil postcode		N/A	N/A
LLOA_SPRxx	National Statistics Postcode Directory Census Output Area derived from pupil's postcode.		N/A	N/A
LLSOA_SPRxx	National Statistics Postcode Directory Lower Layer Super Output Area derived from pupil's postcode.		N/A	N/A
IDACISCORE_SPRxx	Income Deprivation Affecting Children Indices. IDACI Score	0-1	N/A	N/A
IDACIRANK_SPRxx	Income Deprivation Affecting Children Indices. IDACI Rank.		N/A	N/A

Annex B: Trigger variable

The trigger variable identifies students who are 16, 17 or 18 (age at the start of the academic year) and who have been entered for a GCE/GCE Applied A level or a GCE Applied Double Award in Summer 2011 or a Level 3 qualification equivalent in size to at least one GCE/GCE Applied A Level during the 2010/2011 academic year.

KS5_TRIGGER=1 if it meets the following criteria:

(Condition A=1 **OR** Condition B=1 **OR** Condition C=1 **OR** Condition D=1)
AND Condition E=1 **AND** Condition F=1 **AND** Exception A ^= 1

Conditions/Exceptions	Description
Condition A	Student entered for GCE/GCE Applied A level or double award in Summer 2011
Condition B	Student entered for other level 3 approved qualification with an A level equivalent size greater than or equal to 1 in 2010/2011 academic year
Condition C	Student is at the end of advanced level study- E flag
Condition D	Student is from a Menorah school and has entries in Winter 2010
Condition E	Student was aged 16-18 at the start of the 2010/2011 academic year
Condition F	Student does not have an amendment flag of TO, CL, NR or Z (see below)
Exception A	Student is 16 and has a single A level or single equivalent qualification (size equal to or greater than an A level) in 2011 and no other level 3 qualification in the 2010/2011 academic year

Amendment flags:

TO: Transfer out- student on student listing but not on roll at the school or college at the time of the tests.

CL: Claimed internally- transfer of result to another student in the cohort.

NR: Not on roll- student not on roll at the time of the tests and has not had results claimed by another school or college.

Z: Student is not at the end of Key Stage 5 (forced out).

Annex C: School and college inclusion rules

Description	National results	LA Level results	School and college level results (in PTs)
Maintained school/college	✓	✓	✓
Hospital school/college	✓		
Pupil Referral Units (PRUs)	✓		
Independent school/college	✓		✓
School/college is 'other government funded'	✓		✓
School/college has an upper age of 15 or 16	✓	✓	
School/college has an upper age of less than 15			
School/college closed before publication or pending closure (all other closed schools or colleges are excluded everywhere)	✓	✓	✓
Maintained school/college opening after school census date			✓ (only if chooses to be)
New independent school/college			
School/college is sixth form centre/consortium	✓		
School/college is a special school and has opted not to be included in the PTs	✓	✓	

Annex D: Calculating point scores

The following table shows the number of points awarded for traditional KS5 qualifications. For other types of qualifications, consult <http://register.ofqual.gov.uk/Qualification>, enter the qualification and click on 'Performance Measures'. KS5_TOTPTSE gives the total point score for each student, whilst other variables (see annex A) give the points score for individual qualification types.

Qualification	Size	Grade	Points
General/Applied General A level	1	A	270
		B	240
		C	210
		D	180
		E	150
General/Applied General AS	1/2	A	135
		B	120
		C	105
		D	90
		E	75
Applied General Double Award	2	AA	540
		AB	510
		BB	480
		BC	450
		CC	420
		CD	390
		DD	360
		DE	330
BTEC national award	1	D	270
		M	225
		P	165
BTEC national certificate	2	DD	540
		DM	480
		MM	420
		MP	360
		PP	300
BTEC national diploma	3	DDD	810
		DDM	757.5
		DMM	705
		MMM	652.5
		MMP	600
		MPP	547.5
		PPP	495

Annex E: Ethnicity codes

Code	Ethnicity	Major grouping	Minor sub grouping
AAFR	African Asian	Asian	Any other Asian background
ABAN	Bangladeshi	Asian	Bangladeshi
AIND	Indian	Asian	Indian
AKAO	Kashmiri Other	Asian	Any other Asian background
AKPA	Kashmiri Pakistani	Asian	Pakistani
AMPK	Mirpuri Pakistani	Asian	Pakistani
ANEP	Nepali	Asian	Any other Asian background
AOPK	Other Pakistani	Asian	Pakistani
AOTA	Other Asian	Asian	Any other Asian background
AOTH	Any Other Asian background	Asian	Any other Asian background
APKN	Pakistani	Asian	Pakistani
ASLT	Sri Lankan Tamil	Asian	Any other Asian background
ASNL	Sri Lankan Sinhalese	Asian	Any other Asian background
ASRO	Sri Lankan Other	Asian	Any other Asian background
BAFR	African	Black	Black African
BANN	Angolan	Black	Black African
BAOF	Other Black African	Black	Black African
BCON	Congolese	Black	Black African
BCRB	Caribbean	Black	Caribbean
BEUR	Black European	Black	Any other black background
BGHA	Ghanaian	Black	Black African
BNAM	Black North American	Black	Any other black background
BNGN	Nigerian	Black	Black African
BOTB	Other Black	Black	Any other black background
BOTH	Any Other Black Background	Black	Any other black background
BSLN	Sierra Leonian	Black	Black African
BSOM	Somali	Black	Black African
BSUD	Sudanese	Black	Black African
CHKC	Hong Kong Chinese	Chinese	Chinese
CHNE	Chinese	Chinese	Chinese
CMAL	Malaysian Chinese	Chinese	Chinese
COCH	Other Chinese	Chinese	Chinese
CSNG	Singaporean Chinese	Chinese	Chinese
CTWN	Taiwanese	Chinese	Chinese
MABL	Asian and Black	Mixed	Any other mixed background
MACH	Asian and Chinese	Mixed	Any other mixed background
MAOE	Asian and any other ethnic group	Mixed	Any other mixed background
MBCH	Black and Chinese	Mixed	Any other mixed background
MBOE	Black and any other ethnic group	Mixed	Any other mixed background
MCOE	Chinese and any other ethnic group	Mixed	Any other mixed background
MOTH	Any other mixed background	Mixed	Any other mixed background
MOTM	Other mixed background	Mixed	Any other mixed background
MWAI	White and Indian	Mixed	White and Asian
MWAO	White and any other	Mixed	White and Asian

	Asian background		
MWAP	White and Pakistani	Mixed	White and Asian
MWAS	White and Asian	Mixed	White and Asian
MWBA	White and Black African	Mixed	White and Black African
MWBC	White and Black Caribbean	Mixed	White and Black Caribbean
MWCH	White and Chinese	Mixed	Any other mixed background
MWOE	White and any other ethnic group	Mixed	Any other mixed background
NOBT	Information not obtained (default)	Unclassified	Unclassified
OAFG	Afghanistani	Any other ethnic group	Any other ethnic group
OARA	Arab	Any other ethnic group	Any other ethnic group
OEGY	Egyptian	Any other ethnic group	Any other ethnic group
OFIL	Filipino	Any other ethnic group	Any other ethnic group
OIRN	Iranian	Any other ethnic group	Any other ethnic group
OIRQ	Iraqi	Any other ethnic group	Any other ethnic group
OJPN	Japanese	Any other ethnic group	Any other ethnic group
OKOR	Korean	Any other ethnic group	Any other ethnic group
OKRD	Kurdish	Any other ethnic group	Any other ethnic group
OLAM	Latin American	Any other ethnic group	Any other ethnic group
OLEB	Lebanese	Any other ethnic group	Any other ethnic group
OLIB	Libyan	Any other ethnic group	Any other ethnic group
OMAL	Malay	Any other ethnic group	Any other ethnic group
OMRC	Moroccan	Any other ethnic group	Any other ethnic group
OOEG	Other ethnic group	Any other ethnic group	Any other ethnic group
OOTH	Any other ethnic group	Any other ethnic group	Any other ethnic group
OPOL	Polynesian	Any other ethnic group	Any other ethnic group
OTHA	Thai	Any other ethnic group	Any other ethnic group
OVIE	Vietnamese	Any other ethnic group	Any other ethnic group
OYEM	Yemeni	Any other ethnic group	Any other ethnic group
REFU	Refused	Unclassified	Unclassified
WALB	Albanian	White	Any other white background
WBOS	Bosnian-Herzegovinian	White	Any other white background
WBRI	British	White	White British
WCOR	Cornish	White	White British
WCRO	Croatian	White	Any other white background
WEEU	White Eastern European	White	Any other white background
WENG	English	White	White British
WEUR	White European	White	Any other white background
WGRC	Greek Cypriot	White	Any other white background
WGRE	Greek/Greek Cypriot	White	Any other white background
WGRK	Greek	White	Any other white background
WIRI	Irish	White	White Irish
WIRT	Traveller of Irish heritage	White	Traveller of Irish heritage
WITA	Italian	White	Any other white background
WKOS	Kosovan	White	Any other white background
WOTH	Any other White background	White	Any other white background
WOTW	Other White	White	Any other white background
WOWB	Other White British	White	White British

WPOR	Portuguese	White	Any other white background
WROM	Gypsy/Roma	White	Gypsy/Roma
WSCO	Scottish	White	White British
WSER	Serbian	White	Any other white background
WTUC	Turkish Cypriot	White	Any other white background
WTUK	Turkish	White	Any other white background
WTUR	Turkish/Turkish Cypriot	White	Any other white background
WWEL	Welsh	White	White British
WWEU	White Western European	White	Any other white background
Any other values		Unclassified	Unclassified

Annex F: Language groups

LANGUAGEGROUPMINOR_SPRxx	Description
ENG	English
ENB	Not known but believed to be English
OTH	Other than English
OTB	Not known but believed to be other than English
REF	Refused
NOT	Information not obtained
INV	Invalid code
MIS	Missing value
PEN	Classification pending
N/A	Not applicable

LANGUAGEGROUPMAJOR_SPRxx	Description
1_ENG	English (includes not known but believed to be English)
2_OTH	Other than English (includes not known but believed to be other than English)
3_UNCL	Unclassified

A description of individual language codes can be found in the data tables.

Annex G: Local Authority Areas

LA	LA (9-digit)	Region	LA name
201	E09000001	London	City of London
202	E09000007	London	Camden
203	E09000011	London	Greenwich
204	E09000012	London	Hackney
205	E09000013	London	Hammersmith and Fulham
206	E09000019	London	Islington
207	E09000020	London	Kensington and Chelsea
208	E09000022	London	Lambeth
209	E09000023	London	Lewisham
210	E09000028	London	Southwark
211	E09000030	London	Tower Hamlets
212	E09000032	London	Wandsworth
213	E09000033	London	Westminster
301	E09000002	London	Barking and Dagenham
302	E09000003	London	Barnet
303	E09000004	London	Bexley
304	E09000005	London	Brent
305	E09000006	London	Bromley
306	E09000008	London	Croydon
307	E09000009	London	Ealing
308	E09000010	London	Enfield
309	E09000014	London	Haringey
310	E09000015	London	Harrow
311	E09000016	London	Havering
312	E09000017	London	Hillingdon
313	E09000018	London	Hounslow
314	E09000021	London	Kingston upon Thames
315	E09000024	London	Merton
316	E09000025	London	Newham
317	E09000026	London	Redbridge
318	E09000027	London	Richmond upon Thames
319	E09000029	London	Sutton
320	E09000031	London	Waltham Forest
330	E08000025	West Midlands	Birmingham
331	E08000026	West Midlands	Coventry
332	E08000027	West Midlands	Dudley
333	E08000028	West Midlands	Sandwell
334	E08000029	West Midlands	Solihull
335	E08000030	West Midlands	Walsall
336	E08000031	West Midlands	Wolverhampton
340	E08000011	North West	Knowsley
341	E08000012	North West	Liverpool
342	E08000013	North West	St. Helens
343	E08000014	North West	Sefton
344	E08000015	North West	Wirral
350	E08000001	North West	Bolton
351	E08000002	North West	Bury
352	E08000003	North West	Manchester
353	E08000004	North West	Oldham
354	E08000005	North West	Rochdale
355	E08000006	North West	Salford
356	E08000007	North West	Stockport
357	E08000008	North West	Tameside
358	E08000009	North West	Trafford

359	E08000010	North West	Wigan
370	E08000016	Yorkshire and the Humber	Barnsley
371	E08000017	Yorkshire and the Humber	Doncaster
372	E08000018	Yorkshire and the Humber	Rotherham
373	E08000019	Yorkshire and the Humber	Sheffield
380	E08000032	Yorkshire and the Humber	Bradford
381	E08000033	Yorkshire and the Humber	Calderdale
382	E08000034	Yorkshire and the Humber	Kirklees
383	E08000035	Yorkshire and the Humber	Leeds
384	E08000036	Yorkshire and the Humber	Wakefield
390	E08000020	North East	Gateshead
391	E08000021	North East	Newcastle upon Tyne
392	E08000022	North East	North Tyneside
393	E08000023	North East	South Tyneside
394	E08000024	North East	Sunderland
420	E06000053	South West	Isles of Scilly
800	E06000022	South West	Bath and North East Somerset
801	E06000023	South West	Bristol, City of
802	E06000024	South West	North Somerset
803	E06000025	South West	South Gloucestershire
805	E06000001	North East	Hartlepool
806	E06000002	North East	Middlesbrough
807	E06000003	North East	Redcar and Cleveland
808	E06000004	North East	Stockton-on-Tees
810	E06000010	Yorkshire and the Humber	Kingston Upon Hull, City of
811	E06000011	Yorkshire and the Humber	East Riding of Yorkshire
812	E06000012	Yorkshire and the Humber	North East Lincolnshire
813	E06000013	Yorkshire and the Humber	North Lincolnshire
815	E10000023	Yorkshire and the Humber	North Yorkshire
816	E06000014	Yorkshire and the Humber	York
821	E06000032	East of England	Luton
822	E06000055	East of England	Bedford
823	E06000056	East of England	Central Bedfordshire
825	E10000002	South East	Buckinghamshire
826	E06000042	South East	Milton Keynes
830	E10000007	East Midlands	Derbyshire
831	E06000015	East Midlands	Derby
835	E10000009	South West	Dorset
836	E06000029	South West	Poole
837	E06000028	South West	Bournemouth
840	E06000047	North East	Durham
841	E06000005	North East	Darlington
845	E10000011	South East	East Sussex
846	E06000043	South East	Brighton and Hove
850	E10000014	South East	Hampshire
851	E06000044	South East	Portsmouth
852	E06000045	South East	Southampton
855	E10000018	East Midlands	Leicestershire
856	E06000016	East Midlands	Leicester
857	E06000017	East Midlands	Rutland
860	E10000028	West Midlands	Staffordshire
861	E06000021	West Midlands	Stoke-on-Trent
865	E06000054	South West	Wiltshire
866	E06000030	South West	Swindon
867	E06000036	South East	Bracknell Forest
868	E06000040	South East	Windsor and Maidenhead
869	E06000037	South East	West Berkshire
870	E06000038	South East	Reading

871	E06000039	South East	Slough
872	E06000041	South East	Wokingham
873	E10000003	East of England	Cambridgeshire
874	E06000031	East of England	Peterborough
876	E06000006	North West	Halton
877	E06000007	North West	Warrington
878	E10000008	South West	Devon
879	E06000026	South West	Plymouth
880	E06000027	South West	Torbay
881	E10000012	East of England	Essex
882	E06000033	East of England	Southend-on-Sea
883	E06000034	East of England	Thurrock
884	E06000019	West Midlands	Herefordshire
885	E10000034	West Midlands	Worcestershire
886	E10000016	South East	Kent
887	E06000035	South East	Medway
888	E10000017	North West	Lancashire
889	E06000008	North West	Blackburn with Darwen
890	E06000009	North West	Blackpool
891	E10000024	East Midlands	Nottinghamshire
892	E06000018	East Midlands	Nottingham
893	E06000051	West Midlands	Shropshire
894	E06000020	West Midlands	Telford and Wrekin
895	E06000049	North West	Cheshire East
896	E06000050	North West	Cheshire West and Chester
908	E06000052	South West	Cornwall
909	E10000006	North West	Cumbria
916	E10000013	South West	Gloucestershire
919	E10000015	East of England	Hertfordshire
921	E06000046	South East	Isle of Wight
925	E10000019	East Midlands	Lincolnshire
926	E10000020	East of England	Norfolk
928	E10000021	East Midlands	Northamptonshire
929	E06000048	North East	Northumberland
931	E10000025	South East	Oxfordshire
933	E10000027	South West	Somerset
935	E10000029	East of England	Suffolk
936	E10000030	South East	Surrey
937	E10000031	West Midlands	Warwickshire
938	E10000032	South East	West Sussex

Annex H: Mode of travel code list

Code	Description
WLK	Walk
CYC	Cycle
CAR	Car/van
CRS	Car share (with a pupil from another household)
PSB	Public service bus
DSB	Dedicated school bus
BNK	Bus (type not known)
TXI	Taxi
TRN	Train
LUL	London Underground
MTL	Metro/tram/light rail
BDR	Boarder- not applicable
OTH	Other

Annex I: Key Stage 5 subject variables

A/AS levels (for AS levels, replace 'GA' with 'GAS' in variable name)

Variable	Subject
KS5_GA_BIOLOGY	Biology
KS5_GA_BIOLOGY_HUMAN	Biology: Human
KS5_GA_CHEMISTRY	Chemistry
KS5_GA_PHYSICS	Physics
KS5_GA_SCIENCE	Science: Single award
KS5_GA_ELECTRONICS	Science: Electronics
KS5_GA_ENV_SCI	Science: Environmental
KS5_GA_GEOLOGY	Science: Geology
KS5_GA_PSYCH_SCI	Psychology JMB/NEA
KS5_GA_SCI_PUBLIC	Science for Public Understanding
KS5_GA_MATH	Mathematics
KS5_GA_MATH_MECH	Mathematics (Mechanics)
KS5_GA_MATH_PURE	Mathematics (Pure)
KS5_GA_MATH_DISC	Mathematics (Discrete)
KS5_GA_MATH_APPL	Mathematics (Applied)
KS5_GA_MATH_STAT	Mathematics (Statistics)
KS5_GA_MATH_FURT	Mathematics (Further)
KS5_GA_MATH_ADDI	Additional Mathematics
KS5_GA_COMP_STU	Computer Studies/Computing
KS5_GA_IT	Information Technology
KS5_GA_BUS	Business Studies
KS5_GA_BUS_ECON	Business Studies and Economics
KS5_GA_HOME_EC	Home Economics
KS5_GA_AD	Art and Design
KS5_GA_AD_GRAPH	Art and Design (Graphics)
KS5_GA_AD_PHOTO	Art and Design (Photography)
KS5_GA_AD_TEXTI	Art and Design (Textiles)
KS5_GA_AD_THREE	Art and Design (3-D Studies)
KS5_GA_AD_CRITI	Art and Design (Critical Studies)
KS5_GA_FINE_ART	Fine Art
KS5_GA_HIST_ART	History of Art
KS5_GA_GEOG	Geography
KS5_GA_WORLD_DEV	World Development
KS5_GA_HIST	History
KS5_GA_EUROPE	European Studies
KS5_GA_ECON	Economics
KS5_GA_RE	Religious Studies
KS5_GA_ARCHAE	Archaeology
KS5_GA_LAW	Law
KS5_GA_LOGIC_PHIL	Logic/Philosophy
KS5_GA_GOV_POLITICS	Government & Politics
KS5_GA_PSYCH_SOC	Psychology
KS5_GA_SOC	Sociology
KS5_GA_SCO_POL	Social Policy
KS5_GA_SCO_SCI_CIT	Social Science Citizenship
KS5_GA_ENG	English
KS5_GA_ENG_LANG	English Language
KS5_GA_ENG_LIT	English Literature
KS5_GA_DRAMA	Drama & Theatre Studies
KS5_GA_COMMUNICATION	Communication Studies
KS5_GA_PERFORMING	Performing Studies
KS5_GA_MEDIA_FILM_TV	Media/Film/Television Studies

KS5_GA_FILM	Film Studies
KS5_GA_WELSH_SECOND	Welsh Second Language
KS5_GA_DUTCH	Dutch
KS5_GA_FRENCH	French
KS5_GA_GERMAN	German
KS5_GA_ITALIAN	Italian
KS5_GA_MOD_GREEK	Modern Greek
KS5_GA_PORTUGUESE	Portuguese
KS5_GA_SPANISH	Spanish
KS5_GA_ARABIC	Arabic
KS5_GA_BENGALI	Bengali
KS5_GA_CHINESE	Chinese
KS5_GA_GUJARATI	Gujarati
KS5_GA_JAPANESE	Japanese
KS5_GA_MOD_HEBREW	Modern Hebrew
KS5_GA_PANJABI	Punjabi
KS5_GA_POLISH	Polish
KS5_GA_RUSSIAN	Russian
KS5_GA_TURKISH	Turkish
KS5_GA_URDU	Urdu
KS5_GA_PERSIAN	Persian
KS5_GA_ANC_HIST	Ancient History
KS5_GA_CLASS_CIV	Classical Civilisation
KS5_GA_GREEK	Greek
KS5_GA_LATIN	Latin
KS5_GA_OTH_CLASS	Other Classical Languages
KS5_GA_MUSIC	Music
KS5_GA_MUSIC_TECH	Music Technology
KS5_GA_PE	Sport/Physical Education Studies
KS5_GA_DANCE	Dance
KS5_GA_ACCOUNTING	Accounting/Finance
KS5_GA_GEN_STUD	General Studies
KS5_GA_CRIT_THINK	Critical Thinking
KS5_GA_DT_FOOD	Design/Tech & Food Technology
KS5_GA_DT_SYSTEMS	Design/Tech & Systems
KS5_GA_DT_PRODUCTION	Design/Tech & Production Design

GCE Applied A/AS levels (for AS levels, replace 'VGAA' with 'VGAAS' in variable name)

Variable	Subject
KS5_VGAA_AD	Art and Design
KS5_VGAA_BUS	Business
KS5_VGAA_HEAL_SOC	Health and Social Care
KS5_VGAA_MANUFACTURING	Manufacturing
KS5_VGAA_CONSTRUCTION	Construction
KS5_VGAA_HOSPITALITY	Hospitality and Catering
KS5_VGAA_SCIENCE	Science
KS5_VGAA_ENGINEERING	Engineering
KS5_VGAA_ICT	ICT
KS5_VGAA_MEDIA	Communication and Production
KS5_VGAA_RETAIL	Retail and Distribution
KS5_VGAA_PERFORMING	Performing Arts
KS5_VGAA_LEIS_RECR	Leisure and Recreation
KS5_VGAA_TRAV_TOUR	Travel and Tourism

Annex J: Key Stage 4 subject variables

Variable	Subject	Qualification	Allowed values
KS4_APELIT	English Literature	Full GCSE	*,A-G, U, NULL
KS4_APELEC	Design and Technology (D&T) and Electronics	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APFOOD	D&T and Food Technology	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APGRA	D&T and Graphics	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APRES	D&T and Resistant Materials Technology	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APSYS	D&T and Systems Control	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APDTT	D&T and Textiles Technology	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APART	Art and Design	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APHIS	History	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APGEO	Geography	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APFRE	French	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APGER	German	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APBUS	Business Studies	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APRS	Religious Studies	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APRE	Religious Studies	Short GCSE	*-G,U,NULL
KS4_APPE	Physical Education	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APPHY	Physics	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APCHE	Chemistry	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APBIO	Biological Science	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APDRA	Drama	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APIT	Information Technology	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APITSC	Information Technology	Short GCSE	*-G,U,NULL
KS4_APSPAN	Spanish	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APMUS	Music	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APMAT	Maths	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APENG	Highest grade achieved in English Language and Literature, English Studies or English Language	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APSTAT	Statistics	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APMFT	Media, Film and Television Studies	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APFINE	Fine Art	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APOFT	Office Technology	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APHECD	Home Economics: Child Development	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APDAN	Danish	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APDUT	Dutch	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APITA	Italian	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APMGRK	Modern Greek	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APPOR	Portuguese	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APARA	Arabic	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APBEN	Bengali	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APCHI	Chinese	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APGUJ	Gujarati	Same as KS4_APELIT	Same as KS4_APELIT

KS4_APHIN	Hindi	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APJAP	Japanese	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APMHEB	Modern Hebrew	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APPAN	Panjabi	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APPOL	Polish	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APRUS	Russian	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APTUR	Turkish	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APURD	Urdu	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APPER	Persian	Same as KS4_APELIT	Same as KS4_APELIT
KS4_APSSC	Social Science Citizenship	Short GCSE	*-G,U,NULL
KS4_APDSCI	Science	GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APVBUS	Business	Vocational GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APHSC	Health and Social Care	Vocational GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APLT	Leisure and Tourism	Vocational GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APVSCI	Science	Vocational GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APSVSCI	Science	Vocational GCSE single award	*-G,U,NULL
KS4_APVIT	Information Technology	Vocational GCSE double award	** -GG, *A,AB,BC,CD, DE,EF,FG,U,NULL
KS4_APVSL	Sports Leadership	VRQ (Vocationally related qualification)	P (Pass), NULL

Annex K: Qualification route

KS5_QROUTE

QROUTE is the main qualification route taken by student (greatest number of entries).

Code	Description
1	International Baccalaureate Route
2	Applied A Level
3	BTEC/OCR
4	NVQ/VRQ
5	A/AS Level Qualification
6	Other Route

Annex L: On roll indicator and exam category

KS4_NORFLAGE

Code	Description
0	Counted in number on roll
1	Removed from number on roll – permanent exclusion
2	Duplicate School Census record
3	Age 15 with current GCSEs or equivalent but not recorded on number on roll
4	Phantom KS2 or KS3 pupil in School Census school
5	Early taker with 5 or more GCSEs or equivalent
6	Removed after mailout - refugee
7	Removed after mailout – other
8	Added after mailout
9	Contingency
10	Off roll but included because ended compulsory education here

KS4_EXAMCAT

Code	Description
1	Achieved level 2 threshold (5 or more A*-C GCSEs or equivalent)
2	Achieved level 1 threshold (5 or more A*-G GCSEs or equivalent)
3	Achieved 1 or more level 1 qualifications (1 or more A*-G GCSEs or equivalent)
4	Achieved only entry level qualifications (GCSEs below grade G)
5	Achieved no passes
6	No result
7	Not applicable

Annex M: Calculating GCSE point scores

The following table shows the number of points awarded for traditional KS4 qualifications. For other types of qualifications, consult <http://register.ofqual.gov.uk/Qualification>, enter the qualification and click on 'Performance Measures'. KS4_PTSTNEWE gives the total point score, whereas KS4_PTSCNEWE gives the point score based on the top 8 GCSEs or equivalent results. KS4_PTSTNEWG gives the total point score based on GCSEs and GNVQs only.

Qualification	Size	Grade	Points
GCSE	1	A*	58
		A	52
		B	46
		C	40
		D	34
		E	28
		F	22
		G	16
		U/X/Q	0
GCSE in Vocational Subject (Double Award)	2	A*A*	116
		AA	104
		BB	92
		CC	80
		DD	68
		EE	56
		FF	44
		GG	32
		U/X/Q	0
GCSE Short Course	1/2	A*	29
		A	26
		B	23
		C	20
		D	17
		E	14
		F	11
		G	8
		U/X/Q	0
GNVQ Full Intermediate	4	D	220
		M	196
		P	160
		U/X	0
GNVQ Full Foundation	4	D	136
		M	112
		P	76
		U/X	0
Intermediate GNVQ Language Unit	1/2	P	26
		U/X	0
Foundation GNVQ Language Unit	1/2	P	17
		U/X	0