

# Millennium Cohort Study

## Linked education administrative datasets

### User Guide

3<sup>rd</sup> Edition, November 2024

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## Data citation and acknowledgements

You should cite the data and also acknowledge CLS following the guidance from [cls.ucl.ac.uk/data-access-training/citing-our-data/](https://cls.ucl.ac.uk/data-access-training/citing-our-data/)

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# About the Millennium Cohort Study

The Millennium Cohort Study (MCS) is a longitudinal birth cohort study, following a nationally representative sample of approximately 19,000 people born in the UK at the turn of the century.

Through the study, we have captured rich information about the different aspects of cohort members' lives, from birth to childhood and adolescence, and we are continuing to keep up with them now that they are adults.

As a multidisciplinary study, MCS is used by researchers working in a wide range of fields. Findings from MCS have influenced policy at the highest level, and today the study remains a vital source of evidence on the major issues affecting young people's lives.

# 1. Introduction

The Millennium Cohort Study is the fourth of Britain's world-renowned national longitudinal birth cohort studies.<sup>1</sup> Each follows a large sample of individuals, born over a specific period of time, through the course of their lives. They provide insight into trajectories/mobility over the life course (e.g., in weight, poverty, education) for the population as a whole, and also into how these movements vary across different sub-populations. They are also uniquely placed to allow for an understanding of the relationship between early life events and circumstances and outcomes later on in life.

The MCS provides detailed information on approximately 19,000 children born at the start of the new century and their families, across the United Kingdom. In England and Wales, the cohort members were born over the 12-month period starting September 2000. In Scotland and Northern Ireland, they were born over 13½ months from November 2000. The sample design allowed for disproportionate representation of families living in areas of child poverty, and in areas of England with high ethnic minority populations. Information was first collected from parents, through a home-based survey, when the cohort members were aged nine months. This first survey recorded, amongst other things, the circumstances of pregnancy and birth, as well as those of the early months of life, and the social and economic background of the children's families.

These multidisciplinary baseline data reveal the diversity of starting points from which the 'Children of the New Century' set out. Subsequent surveys have taken place at ages 3, 5, 7, 11, 14 and 17. These surveys coincide with important moments in children's lives, including the preschool period (age 3), and the start, middle and end of primary school (ages 5, 7, 11) and in later school years at key transitional ages (14 and 17). From age 3 onwards, measured physical development and objective cognitive assessments have been carried out with the cohort members; surveys also

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<sup>1</sup>The previous birth cohort studies, all still ongoing, are the 1946 National Birth Cohort, the 1958 British Birth Cohort (also known as the National Child Development Study) and the 1970 British Cohort Study. <https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=9085#!documentation>

include interviews with both parents (where co-resident), and, increasingly since age 7, with the cohort member. The Age 23 survey collection is currently in the field.

Further details of the data available from the main surveys are available from the CLS website and, in particular, the MCS Guide to the Datasets at [www.cls.ucl.ac.uk/cls-studies/millennium-cohort-study/](http://www.cls.ucl.ac.uk/cls-studies/millennium-cohort-study/)

This guide describes the data linkage of education administrative records from the National Pupil Database (NPD) in England to survey data for cohort members in the Millennium Cohort Study (MCS). The main aim of this data linkage exercise is to enhance the research potential of the study, by combining administrative record with the rich information collected in the surveys.

This guide was first published in 2019 and was revised in May 2021 (2nd edition) to reflect updates and corrections to the existing school change datasets and the addition of school level lookup datasets for ethnic composition, key stage 2 achievement and key stage 4 achievement respectively. This 3rd edition is created to reflect the addition of the KS5 (A levels) pupil data, which is now also part of this dataset. MCS was also linked to administrative education data from Wales. There is a separate User guide describing the Welsh linked data. The document can be found under 'Pupil Records (Wales)' on the CLS website:

## 2. Consent to education data linkage

During the fourth (age 7) sweep, the child's parent / carer was asked for consent to link the child's education records to age 16 to their MCS survey data. Details of the consent form and the wording of the consent are in the MCS4 Technical Report, Appendices Section A16: consent form 3. The document can be found on the CLS website - [cls.ucl.ac.uk/cls-studies/millennium-cohort-study/mcs-age-7-sweep/](http://cls.ucl.ac.uk/cls-studies/millennium-cohort-study/mcs-age-7-sweep/).

Consent to link to post-16 education records was obtained during the seventh sweep (age 17) which took place in 2018/2019 and will form the basis for further linked record updates in the future. Details of the consent form and the wording of the consent for the age 17 sweep are in the MCS Age 17 Technical Report Appendix B: Materials. The document can be found on the CLS website [cls.ucl.ac.uk/cls-studies/millennium-cohort-study/mcs-age-17-sweep/](http://cls.ucl.ac.uk/cls-studies/millennium-cohort-study/mcs-age-17-sweep/)



### 3. Education data linkage

KS1, KS2, KS4 and KS5 tests are undertaken in all state-maintained schools in England, with the key stages corresponding to ages 5-7, 7-11, 14-16, and 16-18 respectively. Further details can be found at [gov.uk/national-curriculum](https://www.gov.uk/national-curriculum).

Education data (KS1-KS2) was first linked to the records of MCS participants in 2015. In September 2018 CLS requested the Department of Education to update the linked data and to relink all consenting MCS participants who were resident in England to their records in the National Pupil Database. The updated linked records provide access to KS1-KS4 data, as well as Pupil Level Annual School Census (PLASC) data, and Absence data. In 2022 CLS applied to DfE to obtain KS5 data, more details are provided below.

In the 2018 linkage, a total of 8438 consenting MCS participants were successfully matched out of 8489 corresponding to a successful linkage rate of 99.4%.

The file contained the following information on the cohort member: Name (forename, middle name and surname), sex, date of birth, most recent postcode, and postcode at the three most recent sweeps of data collection age 7, 11 and 14.

The NPD database team matched the data on the following basis.

- a) Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode most current
- b) Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode at age 14
- c) Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode at age 11
- d) Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode at age 7
- e) Fuzzy matches on names – usually that the first 3 or 4 characters are the same –manually checked.
- f) Close dates on date of birth manually checked.

In the 2022 linkage, CLS sent DfE a matching file containing the information from the full consenting cohort, regardless of whether their MCS interview address had ever been in England, to match as many records as possible. A total of 6,034 were matched out of 9,410<sup>2</sup>. Of those, 5,979 were matched out of 6,265 cases with an address in England corresponding to a matching rate of 95.4%. The linked education data deposit was updated to include exam and pupil level results for Key Stage 5 for both AS and A-level.

The file sent to DfE for matching contained the following information on the cohort member: Name (forename, middle name and surname), sex, date of birth, postcode at age 14 and postcode at age 17.

- a. The NPD database team matched the data on the following basis. Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode most current
- b. Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode at age 17
- c. Direct match of Name (forename, last and middle), Sex, Date of Birth, Postcode at age 14
- d. Fuzzy matches on names – usually that the first 3 or 4 characters are the same –manually checked.
- e. Close dates on date of birth manually checked.

**Table 1: Matching rates by year of data linkage**

<b>Year of linkage</b>	<b>2015</b>	<b>2018</b>	<b>2023</b>
<b>Dataset</b>	<b>KS1-KS2</b>	<b>KS1-KS4 School census, absence</b>	<b>KS5</b>
Number with valid consent resident in England	8,448	8,489	6,265

<sup>2</sup> Figures may vary slightly between sources due to times consents were received, this is the final recorded count of education linkage consents received at age 17

Number with linked NPD data	7,476	8,438	5,979
Matching rate	88.5%	99.4%	95.4%

## 4. Linked Research data

### 4.1 Licensing and data access

The linked NPD data have been processed by CLS and supplied to the UK Data Service. All data users need to be registered with the UK Data Service. Details of how to do this are available at [ukdataservice.ac.uk/get-data/how-to-access/registration](https://ukdataservice.ac.uk/get-data/how-to-access/registration).

These data can be accessed as controlled data from the UK Data Service SecureLab. Applicants wishing to access this data need to abide by the terms and conditions of the UK Data Service Secure Access licence.

Before gaining access, researchers must make an application detailing the intended analysis and provide a justification as to why this data is requested. Application guidance can be found at [ukdataservice.ac.uk/find-data/access-conditions/secure-application-requirements/apply-to-access-non-ons-data/](https://ukdataservice.ac.uk/find-data/access-conditions/secure-application-requirements/apply-to-access-non-ons-data/)

### 4.2 List of datasets

The following linked NPD data were provided by the DfE:

- Pupil level school census data from N1 (first year nursery 2003/2004) to year 11 (2016/17)
- KS1, KS2, KS4 and KS5 results data for years 2, 6, 11, 12 and 13 respectively  
There are a few cases where results are not available for the above years but are available for preceding or subsequent years. Please refer to Table 2 for further details.
- Absence data from year 1 to year 11

In addition, school data from the school database<sup>3</sup> were matched to MCS cohort members to obtain school characteristics and derived school change variables for the following years:

- School characteristics data from N1 to year 11
- School change information from N1 to year 11

The school change datasets were constructed to account for changing identifiers of schools between years. The datasets allow schools to be linked both forwards and backwards in time. They were derived using a consistent data panel of schools merged to the school database (for years 1999 to 2017) to identify schools that had changed URN between years and the characteristics related to that change i.e. mergers, splits, openings, closures, changes in school status. A detailed description of the data panel is given in Appendix A.

Individual MCS cohort members are identified by the variables MCSID and CNUM. In addition, a comparison of results across LEA and school is possible via the anonymised variables LEA\_ANON\_xx and URN\_ANON\_xx respectively. Key Stage 5 data have their own unique anonymisation so comparison is only possible within the same key stage.

The deposited datasets are described in Table 2.

A broad description of what is covered by each dataset is included in this table.

- Pupil Level: Pupil characteristics (PLX)
- School Level: School characteristics (SLX)
- Pupil Level: Summary achievement and attainment (PLA)
- Pupil Level: Achievement and attainment per qualification (PLQ)

The Exam and Pupil level tables for Key Stage 2, Key Stage 4 and Key Stage 5 are described by PLQ and PLA respectively.

The deposited datasets are described in Table 2.

Tables 3 to 11 list the variables belonging to each of these datasets.

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<sup>3</sup> Local Education Authority School Information Service (LEASIS) files were used up to 2014 and in subsequent years information from spine (census) data was used: [www.compare-school-performance.service.gov.uk/download-data](http://www.compare-school-performance.service.gov.uk/download-data)

**Table 2: List of deposited datasets**

<b>Name of the dataset</b>	<b>Data source</b>	<b>Coverage</b>	<b>Contents</b>
MCS_CM_NPD_PLASC_2004	School Census	PLX	School Census data on pupils attending maintained schools in 2003/04
MCS_CM_NPD_PLASC_2005	School Census	PLX	School Census data on pupils attending maintained schools in 2004/05
MCS_CM_NPD_SCHOOL_CENSUS_2006	School Census	PLX	School Census data on pupils attending maintained schools in 2005/06
MCS_CM_NPD_SCHOOL_CENSUS_2007	School Census	PLX	School Census data on pupils attending maintained schools in 2006/07
MCS_CM_NPD_SCHOOL_CENSUS_2008	School Census	PLX	School Census data on pupils attending maintained schools in 2007/08
MCS_CM_NPD_SCHOOL_CENSUS_2009	School Census	PLX	School Census data on pupils attending maintained schools in 2008/09
MCS_CM_NPD_SCHOOL_CENSUS_2010	School Census	PLX	School Census data on pupils attending maintained schools in 2009/10
MCS_CM_NPD_SCHOOL_CENSUS_2011	School Census	PLX	School Census data on pupils attending maintained schools in 2010/11
MCS_CM_NPD_SCHOOL_CENSUS_2012	School Census	PLX	School Census data on pupils attending maintained schools in 2011/12
MCS_CM_NPD_SCHOOL_CENSUS_2013	School Census	PLX	School Census data on pupils attending maintained schools in 2012/13
MCS_CM_NPD_SCHOOL_CENSUS_2014	School Census	PLX	School Census data on pupils attending maintained schools in 2013/14
MCS_CM_NPD_SCHOOL_CENSUS_2015	School Census	PLX	School Census data on pupils attending maintained schools in 2014/15
MCS_CM_NPD_SCHOOL_CENSUS_2016	School Census	PLX	School Census data on pupils attending maintained schools in 2015/16
MCS_CM_NPD_SCHOOL_CENSUS_2017	School Census	PLX	School Census data on pupils attending maintained schools in 2016/17
MCS_CM_NPD_ABSENCE_2007	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2006/07
MCS_CM_NPD_ABSENCE_2008	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2007/08
MCS_CM_NPD_ABSENCE_2009	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2008/09
MCS_CM_NPD_ABSENCE_2010	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2009/10
MCS_CM_NPD_ABSENCE_2011	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2010/11
MCS_CM_NPD_ABSENCE_2012	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2011/12
MCS_CM_NPD_ABSENCE_2013	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2012/13
MCS_CM_NPD_ABSENCE_2014	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2013/14

Name of the dataset	Data source	Coverage	Contents
MCS_CM_NPD_ABSENCE_2015	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2014/15
MCS_CM_NPD_ABSENCE_2016	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2015/16
MCS_CM_NPD_ABSENCE_2017	Pupil Absences	PLX	Pupil absences derived from the termly School Census 2016/17
MCS_CM_NPD_KS1_2008	KS1 Educational Attainment	PLA	Key stage 1 attainment in 2007/08 <sup>4</sup> . This has information on the assessment of learners by the end of year 2 of schooling
MCS_CM_NPD_KS2_EXAM_2012	KS2 Educational attainment	PLQ	Key stage 2 attainment per qualification taken in 2011/12. This has information on the assessment of learners by the end of year 6 of schooling
MCS_CM_NPD_KS2_PUPIL_2012	KS2 Educational attainment	PLA	Key stage 2 attainment in 2011/12 <sup>5</sup> . This has information on the assessment of learners by the end of year 6 of schooling
MCS_CM_NPD_KS4_EXAM_2017	KS4 Educational attainment	PLQ	Key stage 4 attainment per qualification taken in 2016/17. This has information on the assessment of learners by the end of year 11 of schooling
MCS_CM_NPD_KS4_PUPIL_2017	KS4 Educational attainment	PLA	Key stage 4 attainment in 2016/17 <sup>6</sup> . This has information on the assessment of learners by the end of year 11 of schooling
MCS_CM_NPD_KS5_EXAM	KS5 Educational attainment	PLQ	Key stage 5 attainment per AS/A level qualification. This has information on the assessment of learners by the end of years 12 and 13 of schooling
MCS_CM_NPD_KS5_PUPIL	KS5 Educational attainment	PLA	Key stage 5 attainment between 2017/18 and 2020/21 <sup>7</sup> . This has information on the assessment of learners by the end of years 12 and 13 of schooling
MCS_DERIVED_SCHOOL_CHAR_2004	School Characteristics	SLX	School characteristics derived from LEASIS school data 2003/04
MCS_DERIVED_SCHOOL_CHAR_2005	School Characteristics	SLX	School characteristics derived from LEASIS school data 2004/05
MCS_DERIVED_SCHOOL_CHAR_2006	School Characteristics	SLX	School characteristics derived from LEASIS school data 2005/06
MCS_DERIVED_SCHOOL_CHAR_2007	School Characteristics	SLX	School characteristics derived from LEASIS school data 2006/07
MCS_DERIVED_SCHOOL_CHAR_2008	School Characteristics	SLX	School characteristics derived from LEASIS school data 2007/08

<sup>4</sup> There are a few cases (in this dataset) where attainment results are not available in 2007/08 but are available in academic years 2006/07 or 2008/09

<sup>5</sup> There are a few cases (in the exam and pupil datasets) where attainment results are not available in 2011/12 but are available in academic years 2010/11 or 2012/13

<sup>6</sup> There are a few cases (in the exam and pupil datasets) where attainment results are not available in 2016/17 but are available in academic years 2015/16 or 2017/18.

<sup>7</sup> The majority of results available are for academic years 2018/19 and 2019/20.

<b>Name of the dataset</b>	<b>Data source</b>	<b>Coverage</b>	<b>Contents</b>
MCS_DERIVED_SCHOOL_CHAR_2009	School Characteristics	SLX	School characteristics derived from LEASIS school data 2008/09
MCS_DERIVED_SCHOOL_CHAR_2010	School Characteristics	SLX	School characteristics derived from LEASIS school data 2009/10
MCS_DERIVED_SCHOOL_CHAR_2011	School Characteristics	SLX	School characteristics derived from LEASIS school data 2010/11
MCS_DERIVED_SCHOOL_CHAR_2012	School Characteristics	SLX	School characteristics derived from LEASIS school data 2011/12
MCS_DERIVED_SCHOOL_CHAR_2013	School Characteristics	SLX	School characteristics derived from LEASIS school data 2012/13
MCS_DERIVED_SCHOOL_CHAR_2014	School Characteristics	SLX	School characteristics derived from LEASIS school data 2013/14
MCS_DERIVED_SCHOOL_CHAR_2015	School Characteristics	SLX	School characteristics derived from LEASIS school data 2014/15
MCS_DERIVED_SCHOOL_CHAR_2016	School Characteristics	SLX	School characteristics derived from LEASIS school data 2015/16
MCS_DERIVED_SCHOOL_CHAR_2017	School Characteristics	SLX	School characteristics derived from LEASIS school data 2016/2017
MCS_DERIVED_SCHOOL_CHANGE_2005	School Change	SLX	School characteristics derived from LEASIS school data 2004/05
MCS_DERIVED_SCHOOL_CHANGE_2006	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2005/06
MCS_DERIVED_SCHOOL_CHANGE_2007	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2006/07
MCS_DERIVED_SCHOOL_CHANGE_2008	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2007/08
MCS_DERIVED_SCHOOL_CHANGE_2009	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2008/09
MCS_DERIVED_SCHOOL_CHANGE_2010	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2009/10
MCS_DERIVED_SCHOOL_CHANGE_2011	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2010/11
MCS_DERIVED_SCHOOL_CHANGE_2012	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2011/12
MCS_DERIVED_SCHOOL_CHANGE_2013	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2012/13
MCS_DERIVED_SCHOOL_CHANGE_2014	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2013/14
MCS_DERIVED_SCHOOL_CHANGE_2015	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2014/15

Name of the dataset	Data source	Coverage	Contents
MCS_DERIVED_SCHOOL_CHANGE_2016	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2015/16
MCS_DERIVED_SCHOOL_CHANGE_2017	School Change	SLX	School change derived from Database of Schools and LEASIS school data 2016/17

In addition to these datasets, Table 3 shows a list of lookup tables. The first two relate specifically to variables in the KS4 Exam dataset where the range of values is large.

The school level files include school ethnic composition for the range of academic years 2007-2017, school key stage 2 performance for 2012 and school key stage 4 performance for 2017. Information is not available for all MCS schools in a given academic year. Where there is no match to the school level census, this is represented as -8 'information not available'. These datasets can be linked to existing datasets via the unique identifier URN\_ANON. This list of files and a description of the variables included in them are contained in a data dictionary [MCS NPD Lookups Dictionary](#) which accompanies this guide.

**Table 3: List of lookup datasets**

Name of the dataset	Data source	Coverage	Contents
MAPPINGCODES	KS4 Educational attainment	Mapping	Description of the Key Stage 4 mapping codes held in the Key Stage 4 Exam dataset
QUALCODES	KS4 Educational attainment	Qualification	Description of the Key Stage 4 qualification codes held in the Key Stage 4 Exam dataset
MCS_SCHOOL_LEVEL_ETHNICITY_2007_to_2017	School Level Census	SLX	Numbers and percentages of pupils classified by ethnic group
MCS_SCHOOL_LEVEL_KS2_2012	School Level Census	SLX	Key stage 2 attainment in 2011/12
MCS_SCHOOL_LEVEL_KS4_2017	School Level Census	SLX	Key stage 4 attainment in 2016/17

## 4.3 Identifiers

For MCS, researchers need to use both the MCS family identifier (MCSID) and the two individual person identifiers (CNUM00/PNUM00) to merge on with other cohort



data. As CNUM00 and PNUM00 include the wave number they may need consistent naming across datasets beforehand depending on the method of merging used.

There are different ways the data of MCS can be merged depending on the focus of the research project (Parent/Carers, Cohort Members or family). Details, syntax and examples on merging is provided by the [MCS Data Handling Guide](#).

## 4.4 Pupil level school census data<sup>8</sup>

**Table 4: Variables in the pupil level school census datasets**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
ACMPRES	Sweep 1: Whether cohort member present in sweep	CLS
BCMPRES	Sweep 2: Whether cohort member present in sweep	CLS
CCMPRES	Sweep 3: Whether cohort member present in sweep	CLS
DCMPRES	Sweep 4: Whether cohort member present in sweep	CLS
ECMPRES	Sweep 5: Whether cohort member present in sweep	CLS
FCMPRES	Sweep 6: Whether cohort member present in sweep	CLS
URN_ANON_xx	School unique reference number (anonymised)	CLS
LEA_ANON_xx	Local education authority (anonymised)	CLS
RECORDSTATUS_xx	Where duplicate, defines how the main record was identified	DfE
ACADEMICYEAR_xx	Academic year	DfE
CENSUSDATE_xx	Census reference date	DfE
DATACOLLECTION_xx	Primary / special schools completed PLASC 2006; secondary schools completed School Census for Spring 2006	DfE
ONROLL_xx	Indicates whether the record is for a pupil who is on roll or no longer on roll	DfE

<sup>8</sup> For the Pupil level school census data, variables listed may not be available in all years

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
SOURCETABLE_xx	Source of data	DfE
PHASE_xx	Phase of Education offered by Mainstream Schools	DfE
GENDER_xx	Sex of pupil	DfE
YEAROFBIRTH_xx	The year in which the pupil was born	DfE
MONTHOFBIRTH_xx	The month in which the pupil was born	DfE
ETHNICGROUP_xx	Pupil's ethnic group based on ethnic code	DfE
ETHNICGROUPMINOR_xx	Pupil's minor ethnic group based on extended ethnicity code	DfE
ETHNICGROUPMAJOR_xx	Pupil's major ethnic group based on extended ethnicity code	DfE
FSMELIGIBLE_xx	Pupil recorded as eligible for Free School Meals on Census day. From 2012/13, set to 'true' if a pupil has an FSM period with a start date and end date blank or end date on or after census date which means they are FSM eligible on Census day	DfE
EVERFSM_3_xx	Flag to indicate if pupil has ever been recorded as eligible for free school meals on Census day in any termly or annual Census (including Alternative Provision Census and PRU Census where available) in the last 3 years up to the pupil's current year (not including nursery)	DfE
EVERFSM_6_xx	Flag to indicate if pupil has ever been recorded as eligible for free school meals on Census day in any termly or annual Census (including Alternative Provision Census and PRU Census where available) in the last 6 years up to the pupil's current year (not including nursery)	DfE
EVERFSM_ALL_xx	Flag to indicate if pupil has ever been recorded as eligible for free school meals on Census day in any Spring Census up to the pupil's current year (not including nursery)	DfE
CONNEXIONS_xx / YSSA_xx	Do parents' consent to pupil data being shared with Connexions?	DfE
FIRSTLANGUAGE_xx	The language to which the child was exposed during early development and continues to use this language in the home or in the community. If a child acquires English subsequent to early development, then English is not their first language no matter how proficient in it they become	DfE
LANGUAGEGROUPMAJOR_xx	Pupil's major language group based on language code	DfE
MODEOFTRAVEL_xx	Indicates the usual mode of travel used by the child for the greater part (in distance) of the journey to school	DfE
UNITCONTACTTIME_xx	Indicates number of Contact hours pupil should spend in Census week (PRUs only)	DfE
ENROLSTATUS_xx	Indicates enrolment status of a pupil using one of the registration codes supplied in the pick list	DfE
CLASSTYPE_xx	Denotes whether or not the pupil is in a nursery class or not. Class equates to registration group. A nursery class is one designated by the LA – any pupil in a class not designated as a nursery class by the LA should be counted as an 'other' (O) class even if they are of nursery age	DfE

Variable Name	Description	Source
NCYEARACTUAL_xx	The year group in which the pupil is taught for the majority of their time, regardless of their chronological age	DfE
SENPROVISION_xx	Provision types under the SEN Code of Practice	DfE
NCYEARLEAVING_xx	The year group in which the pupil is taught for the majority of their time, regardless of their chronological age (off roll pupils)	DfE
SENPROVISIONMAJOR_xx	Pupil's major SEN provision group based on SEN provision code	DfE
QUALHRS_xx	Planned learning hours in the current academic year	DfE
QUALHRSPREV_xx	Planned learning hours in the previous academic year	DfE
NONQUALHRS_xx	Planned employability, enrichment and pastoral hours in the current academic year	DfE
NONQUALHRSPREV_xx	Planned learning hours in the previous academic year	DfE
MATHSGCSEHIGHPRIORATT_xx	Indicates the highest grade the pupil achieved in GCSE maths Available in 2017	DfE
MATHSGCSEPRIORATTYRGP_xx	Indicates the stage at which the pupil achieved GCSE maths Available in 2017	DfE
ENGLISHGCSEHIGHPRIORATT_x x	Indicates the highest grade the pupil achieved in GCSE English Available in 2017	DfE
ENGLISHGCSEPRIORATTYRGP_ xx	Indicates the stage at which the pupil achieved GCSE English Available in 2017	DfE
MATHSGCSEFUNDEX_xx	Indicates why the pupil is exempt from the condition of funding for maths	DfE
ENGLISHGCSEFUNDEX_xx	Indicates why the pupil is exempt from the condition of funding for English	DfE
IDACIRANK_xx	Income Deprivation Affecting Children Indices. Years covered include: 2004 – PLASC 03/04 to Spring Census 06/07 2007 – Spring Census 07/08 to 09/10 2010 – Spring Census 10/11 to 14/15 2015 – Spring Census 15/16 to 16/17	DfE

## 4.5 Absence data<sup>9</sup>

**Table 5: Variables in the absence datasets**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS

<sup>9</sup> For the Absence data, variables listed may not be available in all years

Variable Name	Description	Source
CNUM	Cohort member number within an MCS family	CLS
MAINRECORD_xx	Indicates whether or not this is the main record for a pupil in cases where there are multiple records, e.g. for pupils who changed school during the year	DfE
URN_ANON_xx	School unique reference number (anonymised)	CLS
LEA_ANON_xx	Local education authority (anonymised)	CLS
SOURCETABLE_1_xx / ONROLL_1_xx	Source table for data taken from Spring Census	DfE
SOURCETABLE_2_xx / ONROLL_2_xx	Source table for data taken from Summer Census	DfE
SOURCETABLE_3_xx / ONROLL_3_xx	Source table for data taken from Autumn Census	DfE
ACADEMICYEAR_xx	Academic year	DfE
GENDER_xx	Sex of pupil	DfE
PHASE_xx	This details the phase of education offered by Mainstream Schools	
CONNEXIONS_xx / YSSA_xx	Do parents' consent to pupil data being shared with Connexions?	DfE
MODEOFTRAVEL_xx	Indicates the usual mode of travel used by the child for the greater part (in distance) of the journey to school	DfE
ENROLSTATUS_xx	Indicates enrolment status of a pupil using one of the registration codes supplied in the pick list	DfE
NCYEARACTUAL_xx	The year group in which the pupil is taught for the majority of their time, regardless of their chronological age	DfE
CLASSTYPE_xx	Pupil nursery class indicator	DfE
SESSIONSPOSSIBLE_AUT_xx	Number of Autumn sessions possible. This will be blank for special schools before 2016/17	DfE
AUTHABSENCE_AUT_xx	Number of Autumn sessions missed due to authorised absence. This will be blank for special schools before 2016/17	DfE
AUTHABSENCEFLAG_AUT_xx	Flag to indicate if the Autumn authorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsAuthorised variable	DfE
UNAUTHABSENCE_AUT_xx	Number of Autumn sessions missed due to unauthorised absence. This will be blank for special schools before 2016/17	DfE
UNAUTHABSENCEFLAG_AUT_xx	Flag to indicate if the Autumn unauthorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsUnauthorised variable	DfE
OVERALLABSENCE_AUT_xx	Number of absence sessions for the Autumn term	DfE
SESSIONSPOSSIBLE_SPR_xx	Number of Spring sessions possible. This will be blank for special schools before 2016/17	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
AUTHABSENCE_SPR_xx	Number of Spring sessions missed due to authorised absence. This will be blank for special schools before 2016/17	DfE
AUTHABSENCEFLAG_SPR_xx	Flag to indicate if the Spring authorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsAuthorised variable	DfE
UNAUTHABSENCE_SPR_xx	Number of Spring sessions missed due to unauthorised absence. This will be blank for special schools before 2016/17	DfE
UNAUTHABSENCEFLAG_SPR_xx	Flag to indicate if the Spring unauthorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsUnauthorised variable	DfE
OVERALLABSENCE_SPR_xx	Number of absence sessions for the Spring term	DfE
SESSIONSPOSSIBLE_SUM_xx	Number of Summer sessions possible. This will be blank for special schools before 2016/17	DfE
AUTHABSENCE_SUM_xx	Number of Summer sessions missed due to authorised absence. This will be blank for special schools before 2016/17	DfE
AUTHABSENCEFLAG_SUM_xx	Flag to indicate if the Summer authorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsAuthorised variable	DfE
UNAUTHABSENCE_SUM_xx	Number of Summer sessions missed due to unauthorised absence. This will be blank for special schools before 2016/17	DfE
UNAUTHABSENCEFLAG_SUM_xx	Flag to indicate if the Summer unauthorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsUnauthorised variable	DfE
OVERALLABSENCE_SUM_xx	Number of absence sessions for the Summer term	DfE
SESSIONSPOSSIBLE_SUM6TH_xx	Number of Summer 6 <sup>th</sup> sessions possible. This will be blank for special schools before 2016/17	DfE
AUTHABSENCE_SUM6TH_xx	Number of Summer 6 <sup>th</sup> sessions missed due to authorised absence. This will be blank for special schools before 2016/17	DfE
AUTHABSENCEFLAG_SUM6TH_xx	Flag to indicate if the Summer 6 <sup>th</sup> authorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsAuthorised variable	DfE
UNAUTHABSENCE_SUM6TH_xx	Number of Summer 6 <sup>th</sup> sessions missed due to unauthorised absence. This will be blank for special schools before 2016/17	DfE
UNAUTHABSENCEFLAG_SUM6TH_xx	Flag to indicate if the Summer 6 <sup>th</sup> unauthorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsUnauthorised variable	DfE
OVERALLABSENCE_SUM6TH_xx	Number of absence sessions for the Summer 6 <sup>th</sup> term	DfE
SESSIONSPOSSIBLE_ANN_xx	Number of Annual sessions possible. This will be blank for special schools before 2016/17	DfE
AUTHABSENCE_ANN_xx	Number of Annual sessions missed due to authorised absence. This will be blank for special schools before 2016/17	DfE
AUTHABSENCEFLAG_ANN_xx	Flag to indicate if the Annual authorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsAuthorised variable	DfE
UNAUTHABSENCE_ANN_xx	Number of Annual sessions missed due to unauthorised absence. This will be blank for special schools before 2016/17	DfE

Variable Name	Description	Source
UNAUTHABSENCEFLAG_ANN_xx	Flag to indicate if the Annual unauthorised absence was calculated using the sum of the reasons for absence, or the TermlySessionsUnauthorised variable	DfE
OVERALLABSENCE_ANN_xx	Number of absence sessions for the Annual term	DfE
SESSIONSPOSSIBLE_3TERM_xx	Number of sessions possible for the academic year. Based on termly sessions for all schools except special schools for which annual sessions data will be used	DfE
AUTHABSENCE_3TERM_xx	Number of sessions missed due to authorised absence during the academic year. Based on termly sessions for all schools except special schools for which annual sessions data will be used	DfE
UNAUTHABSENCE_3TERM_xx	Number of sessions missed due to unauthorised absence during the academic year. Based on termly sessions for all schools except special schools for which annual sessions data will be used	DfE
OVERALLABSENCE_3TERM_xx	Number of absence sessions during the academic year	DfE
SESSIONSPOSSIBLE_5HTERM_xx	Number of sessions possible for the academic year. Based on termly sessions for all schools except special schools before 2016/17 for which annual sessions data will be used	DfE
AUTHABSENCE_5HTERM_xx	Number of sessions missed due to authorised absence during the academic year. Based on termly sessions for all schools except special schools before 2016/17 for which annual sessions data will be used	DfE
UNAUTHABSENCE_5HTERM_xx	Number of sessions missed due to unauthorised absence during the academic year. Based on termly sessions for all schools except special schools before 2016/17 for which annual sessions data will be used	DfE
OVERALLABSENCE_5HTERM_xx	Number of absence sessions during the academic year	DfE
SESSIONSPOSSIBLE_6HTERM_xx	Number of sessions possible for the academic year. Based on termly sessions for all schools except special schools before 2016/17 for which annual sessions data will be used	DfE
AUTHABSENCE_6HTERM_xx	Number of sessions missed due to authorised absence during the academic year. Based on termly sessions for all schools except special schools for which annual sessions data will be used	DfE
UNAUTHABSENCE_6HTERM_xx	Number of sessions missed due to unauthorised absence during the academic year. Based on termly sessions for all schools except special schools before 2016/17 for which annual sessions data will be used	DfE
OVERALLABSENCE_6HTERM_xx	Number of absence sessions during the academic year	DfE

## 4.6 Key Stage 1 data

**Table 6: Variables in the key stage 1 dataset**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
CNUM	Cohort member number within an MCS family	CLS
ACMPRES	Sweep 1: Whether cohort member present in sweep	CLS
BCMPRES	Sweep 2: Whether cohort member present in sweep	CLS
CCMPRES	Sweep 3: Whether cohort member present in sweep	CLS
DCMPRES	Sweep 4: Whether cohort member present in sweep	CLS
ECMPRES	Sweep 5: Whether cohort member present in sweep	CLS
FCMPRES	Sweep 6: Whether cohort member present in sweep	CLS
KS1_URN_ANON	School unique reference number (anonymised)	CLS
KS1_LEA_ANON	Local education authority (anonymised)	CLS
KS1_ACADYR	Academic year	DfE
KS1_GENDER	Sex of pupil	DfE
KS1_ToE_CODE	Type of establishment code taken from Edubase	DfE
KS1_NFTYPE	Institution type generated by AAT	DfE
KS1_MMSCH	Maintained mainstream school (including CTCs and Academies) NFTYPE = ANY(20-25,50-52) (ToE_CODE = ANY (28,1-6,33-35) from 2016/17)	DfE
KS1_MMSCH2	Maintained mainstream school (excluding CTCs and Academies) NFTYPE = ANY(21-24) (ToE_CODE = ANY (1-5) from 2016/17)	DfE
KS1_MSCH	Maintained school (including CTCs and Academies) NFTYPE = ANY(20-27,50-53,55) (ToE_CODE = ANY (28,1-7,12,33- 36,36,37,44) from 2016/17)	DfE
KS1_MSCH2	Maintained school (excluding CTCs and Academies) NFTYPE = ANY(21-24,26,27) (ToE_CODE = ANY (1-5,7,12) from 2016/17)	DfE
KS1_MOB1	Pupil joined in latest academic year (year 2)	DfE
KS1_MOB2	Pupil joined in previous academic year (year 1)	DfE
KS1_DISC_SPLI	Multi Year Discount flag	DfE
KS1_DISC_READ	Multi Year Discount flag	DfE
KS1_DISC_WRIT	Multi Year Discount flag	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS1_DISC_MAT	Multi Year Discount flag	DfE
KS1_DISC_SCI	Multi Year Discount flag	DfE
KS1_DISC_PSENG	English P-scale multi-year discount flag	DfE
KS1_DISC_PSREAD	Reading P-scale multi-year discount flag	DfE
KS1_DISC_PSWRITE	Writing P-scale multi-year discount flag	DfE
KS1_DISC_PSSPEAK	Speaking P-scale multi-year discount flag	DfE
KS1_DISC_PSLISTEN	Listening P-scale multi-year discount flag	DfE
KS1_DISC_PSMATHS	Maths P-scale multi-year discount flag	DfE
KS1_DISC_PSNUM	Number P-scale multi-year discount flag	DfE
KS1_DISC_PSUSING	Using and Applying P-scale multi-year discount flag	DfE
KS1_DISC_PSSHAPE	Shape, Space and Measure P-scale multi-year discount flag	DfE
KS1_DISC_PSSCIENCE	Science P-scale multi-year discount flag	DfE
KS1_SPEAKANDLISTEN	National Curriculum level awarded for speaking and listening (Teacher Assessment)	DfE
KS1_READING	National Curriculum level awarded for reading (Teacher Assessment)	DfE
KS1_WRITING	National Curriculum level awarded for writing (Teacher Assessment)	DfE
KS1_READWRIT	English Average Level (derived from Reading and Writing)	DfE
KS1_MATHS	National Curriculum level awarded for Maths (Teacher Assessment)	DfE
KS1_SCIEXPINVEST	National Curriculum level awarded for scientific enquiry (Teacher Assessment)	DfE
KS1_SCILIFPROT	National Curriculum level awarded for life and living processes (Teacher Assessment)	DfE
KS1_SCIMATPROP	National Curriculum level awarded for materials and their properties (Teacher Assessment)	DfE
KS1_SCIPHYSPROC	National Curriculum level awarded for physical processes (Teacher Assessment)	DfE
KS1_SCIENCE	National Curriculum level awarded for overall Science (Teacher Assessment)	DfE
KS1_PSENG	English P-scale level	DfE



<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS1_PSREAD	Reading P-scale level	DfE
KS1_PSWRITE	Writing P-scale level	DfE
KS1_PSSPEAK	Speaking P-scale level	DfE
KS1_PSLISTEN	Listening P-scale level	DfE
KS1_PSMATHS	Mathematics P-scale level	DfE
KS1_PSNUM	Number P-scale level	DfE
KS1_PSUSING	Using & Applying P-scale level	DfE
KS1_PSSHAPE	Shape, Space & Measure P-scale level	DfE
KS1_PSSCIENCE	Science P-scale level	DfE
KS1_READPOINTS	Reading attainment point score	DfE
KS1_WRITPOINTS	Writing attainment point score	DfE
KS1_READWRITPOINTS	Average Reading and Writing attainment point score	DfE
KS1_MATPOINTS	Maths attainment point score	DfE
KS1_SCIPOINTS	Overall Science attainment point score	DfE
KS1_APS	Average attainment point score (including Reading, Writing, Maths and Overall Science only)	DfE
KS1_LEVLSPLI	Achieved Level 1 or below (low attainment) in KS1 Speaking and Listening	DfE
KS1_LEVLREAD	Achieved Level 1 or below (low attainment) in KS1 Reading	DfE
KS1_LEVLWRT	Achieved Level 1 or below (low attainment) in KS1 Writing	DfE
KS1_LEVLMAT	Achieved Level 1 or below (low attainment) in KS1 Maths	DfE
KS1_LEVLSCI	Achieved Level 1 or below (low attainment) in KS1 overall Science	DfE
KS1_LEVXSPLI	Achieved Level 2 or above (expected level) in KS1 Speaking and Listening	DfE
KS1_LEVXREAD	Achieved Level 2 or above (expected level) in KS1 Reading	DfE
KS1_LEVXWRT	Achieved Level 2 or above (expected level) in KS1 Writing	DfE

Variable Name	Description	Source
KS1_LEVXMAT	Achieved Level 2 or above (expected level) in KS1 Maths	DfE
KS1_LEVXSCI	Achieved Level 2 or above (expected level) in KS1 overall Science	DfE
KS1_LEV2BREAD	Achieved Level 2B or above in KS1 Reading	DfE
KS1_LEV2BWRT	Achieved Level 2B or above in KS1 Writing	DfE
KS1_LEV2BMAT	Achieved Level 2B or above in KS1 Maths	DfE
KS1_LEVAXSPLI	Achieved Level 3 or above (above expected level) in KS1 Speaking and Listening	DfE
KS1_LEVAXREAD	Achieved Level 3 or above (above expected level) in KS1 Reading	DfE
KS1_LEVAXWRIT	Achieved Level 3 or above (above expected level) in KS1 Writing	DfE
KS1_LEVAXMAT	Achieved Level 3 or above (above expected level) in KS1 Maths	DfE
KS1_LEVAXSCI	Achieved Level 3 or above (above expected level) in KS1 overall Science	DfE
KS1_VERSION	Data version	DfE

## 4.7 Key Stage 2 Exam data

**Table 7: Variables in the key stage 2 exam dataset**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
KS2_URN_ANON	School unique reference number (anonymised)	CLS
KS2_ACADYR	Academic year	DfE
KS2_ASSESSYR	Assessment year	DfE
KS2_SUBLEVNO	Qualification and assessment code	DfE
KS2_DSGSUBLEV	DSG version of SUBLEVNO	DfE
KS2_LEAPCODE	LEAP subject mapping code - code that identifies the test subject	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_GRADE	Test level. KS1 TA only from 2015/16	DfE
KS2_DISC3	Multi-year discount flag	DfE
KS2_TESTSTAT	Paper sat by pupil	DfE
KS2_T1MARK	Test mark 1	DfE
KS2_T2MARK	Test mark 2	DfE
KS2_T3MARK	Test mark 3	DfE
KS2_T4MARK	Test mark 4	DfE
KS2_READMARK	Reading test mark	DfE
KS2_WRITMARK	Writing test mark	DfE
KS2_TESTMARK	Main test mark	DfE
KS2_TESTLEV	Main test level	DfE
KS2_EXTMARK	Extension test mark	DfE
KS2_EXTLEVEL	Extension test level	DfE
KS2_TALEVEL	Teacher assessment level	DfE
KS2_FINE	Fine grade of test level	DfE
KS2_POINTS	KS2/KS3 current attainment point score	DfE
KS2_AMDEXAM	Type of exam level amendment made either prior to mail out or as a result of the checking exercise	DfE
KS2_VERSION	Data version	DfE

## 4.8 Key Stage 2 Pupil data

**Table 8: Variables in the key stage 2 pupil dataset**

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
CNUM	Cohort member number within an MCS family	CLS
ACMPRES	Sweep 1: Whether cohort member present in sweep	CLS
BCMPRES	Sweep 2: Whether cohort member present in sweep	CLS
CCMPRES	Sweep 3: Whether cohort member present in sweep	CLS
DCMPRES	Sweep 4: Whether cohort member present in sweep	CLS
ECMPRES	Sweep 5: Whether cohort member present in sweep	CLS
FCMPRES	Sweep 6: Whether cohort member present in sweep	CLS
KS2_URN_ANON	School unique reference number (anonymised)	CLS
KS2_LEA_ANON	Local education authority (anonymised)	CLS
KS2_ACADYR	Academic year	DfE
KS2_YEARGRP	Year group - derived from date of birth	DfE
KS2_GENDER	Sex of pupil	DfE
KS2_ToE_CODE	Type of establishment code taken from Edubase	DfE
KS2_NFTYPE	Institution type generated by AAT	DfE
KS2_MMSCH	Maintained Mainstream school (including CTCs and Academies) NFTYPE = ANY(20-25, 50-52)	DfE
KS2_MMSCH2	Maintained Mainstream school (excluding CTCs and Academies) NFTYPE = ANY(21-24)	DfE
KS2_MSCH	Maintained school (including CTCs and Academies) NFTYPE = ANY(20-27, 50-53,55)	DfE
KS2_MSCH2	Maintained school (excluding CTCs and Academies) NFTYPE = ANY(21-24,26,27)	DfE
KS2_AMDPUPIIL	Type of pupil level amendment made either prior to mail out or as a result of the checking exercise	DfE
KS2_ENDKS	Pupils at the end of Key Stage 2	DfE
KS2_EXAMYEAR_EN	English examination year	DfE
KS2_EXAMYEAR_MA	Maths examination year	DfE
KS2_SCHRES	Pupil included in school level averages	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_LARES	Pupil included in LA averages	DfE
KS2_NATRES	Pupil included in national averages	DfE
KS2_NATMTDRES	Pupil included in national results (Maintained)	DfE
KS2_NPDDEN_LA	Pupil included in denominator for LA averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS2_NPDDEN_NAT	Pupil included in denominator for national averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS2_SCHRESTA	Pupil included in school results for TA calculations	DfE
KS2_LARESTA	Pupil included in LA results for TAs	DfE
KS2_NATRESTA	Pupil included in National results (all) for TAs	DfE
KS2_NATMTDRESTA	Pupil included in National results (Maintained) for TAs	DfE
KS2_ELIGREAD	Pupil included in the eligible pupil number for Reading i.e. has a test result of A,B,M,T,P,H,Q,S,AS,NS,CA,CN. It is used as the denominator for school and LA calculations of achievement in Reading	DfE
KS2_ELIGREADTA	Pupil included in the eligible pupil number for Reading TA i.e. has teacher assessment of A,D,M,P,HNM, EXS	DfE
KS2_ELIGWRIT	Pupil included in the eligible pupil number for Writing i.e. has a test result of A, B, M, N, P, T, 2-6, Q or S. It is used as the denominator for school and LA calculations of achievement in Writing	DfE
KS2_ELIGWRITTA	Pupil included in the eligible pupil number for Writing TA i.e. has teacher assessment of A,D,M,P,WTS, GDS, EXS, BLW, PKE, PKF, PKG	DfE
KS2_ELIGENG	Pupil included in the eligible pupil number for English i.e. has a test result of A, B, M, N, P, T, 2-6 or Q. It is used as the denominator for school and LA calculations of achievement in English	DfE
KS2_ELIGENGTA	Pupil included in the eligible pupil number for English TA i.e. has a teacher assessment level of 1-6, A, D or W	DfE
KS2_ELIGMAT	Pupil included in the eligible pupil number for Maths i.e. has a test result of A,B,M,T,P,H,Q,S,AS,NS,CA,CN. It is used as the denominator for school and LA calculations of achievement in Maths	DfE
KS2_ELIGMATTA	Pupil included in the eligible pupil number for Maths TA i.e. has a teacher assessment of A,D,M,P,HNM, EXS, BLW, PKE, PKF, PKG	DfE
KS2_ELIGENGLA	Eligible result in English for LA calculations	DfE
KS2_ELIGREADLA	Eligible result in Reading for LA calculations	DfE
KS2_ELIGWRITLA	Eligible result in Writing for LA calculations	DfE
KS2_ELIGMATLA	Eligible result in Maths for LA calculations	DfE
KS2_ELIGSCITA	Pupil included in the eligible pupil number for Science TA i.e. has a teacher assessment of A,D,M,P,HNM, EXS	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_VALENG	Pupil included in the eligible pupil number for English and does not have a missing, unmatched past or lost results i.e. has a test result of A, B, N, T, 2-6 or Q (including overseas pupils). It is used as the denominator for national calculations of achievement in English	DfE
KS2_VALENGTA	Pupil included in the eligible pupil number for English TA and does not have a missing, unmatched past results i.e. has a teacher assessment level of 1-6, A, D or W	DfE
KS2_VALREAD	Pupil included in the eligible pupil number for reading and does not have a missing, unmatched past or lost results i.e. has a test result of A,B,T,H,Q,AS,NS,CA,CN (including overseas pupils). It is used as the denominator for national calculations of achievement in reading	DfE
KS2_VALREADTA	Pupil included in the eligible pupil number for Reading TA and does not have a missing, unmatched past results i.e. has a teacher assessment level of A,D,HNM, EXS, BLW, PKE, PKF, PKG (including overseas pupils)	DfE
KS2_VALWRIT	Pupil included in the eligible pupil number for writing and does not have a missing, unmatched past or lost results i.e. has a test result of A, B, N, T, 2-6 or Q (including overseas pupils). It is used as the denominator for national calculations of achievement in writing	DfE
KS2_VALWRITTA	Pupil included in the eligible pupil number for Writing TA and does not have a missing, unmatched past results i.e. has a teacher assessment level of A,D,WTS, GDS, EXS, BLW, PKE, PKF, PKG (including overseas pupils)	DfE
KS2_VALMAT	Pupil included in the eligible pupil number for Maths and does not have a missing, unmatched past or lost results i.e. has a test result of A,B,T,H,Q,AS,NS,CA,CN (including overseas pupils). It is used as the denominator for national calculations of achievement in Maths	DfE
KS2_VALMATTA	Pupil included in the eligible pupil number for Maths TA and does not have a missing, unmatched past results i.e. has a teacher assessment level of A,D,HNM, EXS, BLW, PKE, PKF, PKG (including overseas pupils)	DfE
KS2_VALSCITA	Pupil included in the eligible pupil number for Science TA and does not have a missing, unmatched past results i.e. has a teacher assessment level of A,D,HNM, EXS (including overseas pupils)	DfE
KS2_READLEVTA	National Curriculum level awarded for English reading Teacher Assessment	DfE
KS2_WRITLEVTA	National Curriculum level awarded for English writing Teacher Assessment	DfE
KS2_ENGTIER	English paper sat by pupil	DfE
KS2_READMRK	Marks achieved in English reading test	DfE
KS2_ENGWITMRK	Marks achieved in English writing test	DfE
KS2_ENGTOTMRK	Total marks achieved in English test (sum of reading and writing tests)	DfE
KS2_READLEV	National Curriculum level awarded for English reading test	DfE
KS2_ENGWITLEV	National Curriculum level awarded for English writing test (forms half of overall English test)	DfE
KS2_ENGLEV	National Curriculum level awarded for English test	DfE
KS2_ENGLEVTA	National Curriculum level awarded for English Teacher Assessment	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_ENGPOINTS	English attainment point score	DfE
KS2_ENGFINE	Finely graded level of English test	DfE
KS2_MATTIER	Maths paper sat by pupil	DfE
KS2_MATTESTAMRK	Marks achieved in Paper A of Maths test	DfE
KS2_MATTESTBMRK	Marks achieved in Paper B of Maths test	DfE
KS2_MATARTHMRK	Marks achieved in mental arithmetic paper of Maths test	DfE
KS2_MATTOTMRK	Total marks achieved in Maths test (sum of Paper A, Paper B and mental arithmetic tests)	DfE
KS2_MATLEV	National Curriculum level awarded for Maths test	DfE
KS2_MATLEVTA	National Curriculum level awarded for Maths Teacher Assessment	DfE
KS2_MATPOINTS	Maths attainment point score	DfE
KS2_MATFINE	Finely graded level of Maths test	DfE
KS2_SCILEVTA	National Curriculum level awarded for Science Teacher Assessment	DfE
KS2_LEVLENG	Achieved Level 2 or below (low attainment) in KS2 English	DfE
KS2_LEVLMAT	Achieved Level 2 or below (low attainment) in KS2 Maths	DfE
KS2_LEVLEMSTA	Achieved Level 2 or below (low attainment) in KS2 English, Maths and Science Teacher Assessment	DfE
KS2_LEVXREAD	Achieved Level 4 or above (expected level) in KS2 English reading	DfE
KS2_LEVXREADTA	Achieved Level 4 or above (expected level) in KS2 Reading TA	DfE
KS2_LEVXWRIT	Achieved Level 4 or above (expected level) in KS2 English writing	DfE
KS2_LEVXWRITTA	Achieved Level 4 or above (expected level) in KS2 Writing TA	DfE
KS2_LEVXENG	Achieved Level 4 or above in KS2 English	DfE
KS2_LEVXENGTA	Achieved Level 4 or above (expected level) in KS2 English TA	DfE
KS2_LEVXMAT	Achieved Level 4 or above in KS2 Maths	DfE
KS2_LEVXMATTA	Achieved Level 4 or above (expected level) in KS2 Maths TA	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_LEVXSCITA	Achieved Level 4 or above (expected level) in KS2 Science TA	DfE
KS2_LEVXENGMAT	Achieved Level 4 or above (expected level) in KS2 English and Maths	DfE
KS2_LEVXEMSTA	Achieved Level 4 or above (expected level) in KS2 English, Maths and Science Teacher Assessment	DfE
KS2_LEVAXREAD	Achieved Level 5 (above expected level) in KS2 English reading	DfE
KS2_LEVAXREADTA	Achieved Level 5 (above expected level) in KS2 Reading TA	DfE
KS2_LEVAXWRIT	Achieved Level 5 or above (expected level) in KS2 English writing	DfE
KS2_LEVAXWRITTA	Achieved Level 5 (above expected level) in KS2 Writing TA	DfE
KS2_LEVAXENG	Achieved Level 5 in KS2 English	DfE
KS2_LEVAXENGTA	Achieved Level 5 (above expected level) in KS2 English TA	DfE
KS2_LEVAXMAT	Achieved Level 5 in KS2 Maths	DfE
KS2_LEVAXMATTA	Achieved Level 5 (above expected level) in KS2 Maths TA	DfE
KS2_LEVAXENGMAT	Achieved Level 5 (above expected level) in KS2 English and KS2 Maths	DfE
KS2_LEVAXSCITA	Achieved Level 5 (above expected level) in KS2 Science TA	DfE
KS2_LEVAXEMSTA	Achieved Level 5 (above expected level) in KS2 English, Maths and Science Teacher Assessment	DfE
KS2_LEVBXREAD	Achieved Level 3 or below in KS2 Reading	DfE
KS2_LEVBXREADTA	Achieved Level 3 or below in KS2 Reading TA	DfE
KS2_LEVBXWRIT	Achieved Level 3 or below in KS2 Writing	DfE
KS2_LEVBXWRITTA	Achieved Level 3 or below in KS2 Writing TA	DfE
KS2_LEVBXENG	Achieved Level 3 or below in KS2 English	DfE
KS2_LEVBXENGTA	Achieved Level 3 or below in KS2 English TA	DfE
KS2_LEVBXMAT	Achieved Level 3 or below in KS2 Maths	DfE
KS2_LEVBXENGMAT	Achieved Level 3 or below in KS2 English and KS2 Maths	DfE
KS2_LEVBXMATTA	Achieved Level 3 or below in KS2 Maths TA	DfE



<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_LEVBXSCITA	Achieved Level 3 or below in KS2 Science TA	DfE
KS2_LEVBXEMSTA	Achieved Level 3 or below in KS2 English, Maths and Science Teacher Assessment	DfE
KS2_LEV6READMAT	Achieved Level 6 in KS2 Reading or KS2 Maths	DfE
KS2_LEVADREADTA	Absent or disapplied in Reading TA	DfE
KS2_LEVADWRITTA	Absent or disapplied in Writing TA	DfE
KS2_LEVADENGTA	Absent or disapplied in English TA	DfE
KS2_LEVADMATTA	Absent or disapplied in Maths TA	DfE
KS2_LEVADSCITA	Absent or disapplied in Science TA	DfE
KS2_LEVATENG	Absent or unable to access the test in English	DfE
KS2_LEVATMAT	Absent or unable to access the test in Maths	DfE
KS2_TOTPTS	Total KS2 point score as used in the valued added calculations	DfE
KS2_APSDENS	Number of subjects in which the pupil contributes to the average point score at school level	DfE
KS2_APSDENN	Number of subjects in which the pupil contributes to the average point score at national level	DfE
KS2_APSDENNMTS	Number of subjects in which the pupil contributes to the APS at national level for maintained schools	DfE
KS2_ENGLEVK1	KS1 English level for progress measure	DfE
KS2_ENGLEVK2	KS2 English level for progress measure (including TA)	DfE
KS2_MATHLEVK1	KS1 maths level for progress measure	DfE
KS2_MATHLEVK2	KS2 maths level for progress measure (including TA)	DfE
KS2_PROGENG12	Number of levels of progress in English between KS1 and KS2 (excluding TA)	DfE
KS2_PROGMATH12	Number of levels of progress in maths between KS1 and KS2	DfE
KS2_PROGENG12FLAG	Pupil flag for making 2 levels of progress in English between KS1 and KS2	DfE
KS2_PROGMAT12FLAG	Pupil flag for making 2 levels of progress in maths between KS1 and KS2	DfE
KS2_INKS12VA	Pupil included in VA calculations	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_KS1APS	KS1 average point score	DfE
KS2_KS2APSG	KS2 average point score (using fine grading)	DfE
KS2_KS1READPS	2010/11 - KS1 reading point score	DfE
KS2_KS1WRITPS	2010/11 - KS1 writing point score	DfE
KS2_KS1MATPS	2010/11 - KS1 maths point score	DfE
KS2_KS1EXP	KS1 Expected Levels	DfE
KS2_EALGRP	English as additional language	DfE
KS2_KS1APS2	KS1 APS – squared	DfE
KS2_KS1APS3	KS1 APS – cubed	DfE
KS2_KS2ENGFG	KS2 English point score (using fine grading)	DfE
KS2_KS2MATFG	KS2 maths point score (using fine grading)	DfE
KS2_VAAPSSCORE	English + Maths VA score (Actual-predicted)	DfE
KS2_VAENGSCORE	English VA score (Actual-predicted)	DfE
KS2_VAMATSCORE	Maths VA score (Actual-predicted)	DfE
KS2_VAAPSPRED1	Predicted score without deviation (English and Maths)	DfE
KS2_VAAPSPRED	Predicted score with ceiling (English and Maths)	DfE
KS2_VAENGPRED1	Predicted score without deviation (English)	DfE
KS2_VAENGPRED	Predicted score with ceiling (English)	DfE
KS2_VAMATPRED1	Predicted score without deviation (maths)	DfE
KS2_VAMATPRED	Predicted score with ceiling (maths)	DfE
KS2_PE_DEV	Prior attainment KS1 English point score deviation	DfE
KS2_PM_DEV	Prior attainment KS1 Maths point score deviation	DfE
KS2_PSENG	English P-scale	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS2_PSREAD	Reading P-scale	DfE
KS2_PSWRITE	Writing P-scale	DfE
KS2_PSSPEAK	Speaking P-scale	DfE
KS2_PSLISTEN	Listening P-scale	DfE
KS2_PSMATHS	Mathematics P-scale	DfE
KS2_PSNUM	Number P-scale	DfE
KS2_PSUSING	Using and Applying P-scale	DfE
KS2_PSSHAPE	Shape, Space & Measures P-scale	DfE
KS2_PSSCIENCE	Science P-scale	DfE
KS2_EAL_PAPS	Is English not first language?*Prior APS	DfE
KS2_EAL_PAPSSQ	Is English not first language?* Prior APS squared	DfE
KS2_MOB1	Pupil joined in latest academic year (year 6)?	DfE
KS2_MOB2	Pupil joined in previous academic year (year 5)?	DfE
KS2_MOB3	Pupil joined in first two years of key stage (year 3 or 4)?	DfE
KS2_NEWMOBILE	Did pupil join the school after 12 September 2010 (in year 5)?	DfE
KS2_VERSION	Data version	DfE

## 4.9 Key Stage 4 Exam data

**Table 9: Variables in the key stage 4 exam dataset**

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
KS4_URN_ANON	School unique reference number (anonymised)	CLS

Variable Name	Description	Source
KS4_ACADYR	Academic year	DfE
KS4_PREREG	Pre-registered pupil without result	DfE
KS4_EXAMYEAR	Calendar year in which the qualification was attempted (academic qualifications) or issued (vocational qualifications)	DfE
KS4_PTYEAR	Current performance tables year	DfE
KS4_SEASON	Exam season	DfE
KS4_BOARDNO	Awarding body number	DfE
KS4_SUBLEVNO	Qualification and assessment code	DfE
KS4_QAN	Qualification accreditation number	DfE
KS4_BRDSUBNO	Awarding body subject number	DfE
KS4_MAPPING	LEAP/LDCS subject mapping code – code that identifies the exam subject	DfE
KS4_GRADE	The grade of the exam	DfE
KS4_DISC3_PTQ_EE	- Multi-year discount flag - Based on 2015 performance tables qualifications - Early entry rules applied across all subjects	DfE
KS4_DISC3B	Multiyear discount flag (subset of qualifications) prior to 2013/14 From 2013/14, Multi-year discount flag (based on academic performance tables qualifications at level 2 only) plus early entry rules (2014 methodology)	DfE
KS4_DISC3B_PTQ_EE	- Multi-year discount flag - Based on 2015 performance tables academic qualifications at level 2 - Early entry rules applied across all subjects	DfE
KS4_DISC3_EBACC_PTQ_EE	- Multi-year discount flag - Based on 2015 performance tables qualifications - Excluding level 3 qualifications which are not on the EBacc list but discount level 2 qualifications on the EBacc list - Early entry rules applied across all subjects - For scenarios where 'best' rules are applied, flag is excluded from the exception discounting process	DfE
KS4_DISC3C_PTQ_EE	- Multi-year discount flag - Based on 2015 performance tables academic qualifications at level 2 and 3 - Early entry rules applied across all subjects	DfE
KS4_DISC3_CAP_PTQ_EE	- Based on DISC3_PTQ_EE - Updated to 1 for capped vocational qualifications - Updated to 0 for restored academic qualifications that had been discounted (under 'best' discounting rules) by capped vocational qualifications	DfE
KS4_DISC3_CAP3_PTQ_EE	Capped version of DISC3 plus early entry rules (2016 methodology)	DfE
KS4_DISC1	One year discount flag (based on GCSE and equivalent qualifications)	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_DISC2	Two year discount flag (based on GCSE and equivalent qualifications)	DfE
KS4_PTQ_INCLUDE	KS4 Result is included in PTQ calculations	DfE
KS4_INCLUDE_ALL	KS4 Result is included in ALL_B calculations	DfE
KS4_WOLF_INCLUDED	Qualification is included in Wolf indicators	DfE
KS4_A8INCLUDED	Qualification included in Attainment 8 / Progress 8	DfE
KS4_LEV1_PTQ_EE	Proportion of the Level 1 threshold that this qualification makes up	DfE
KS4_LEV2_PTQ_EE	Proportion of the Level 2 threshold that this qualification makes up	DfE
KS4_WOLF_GOOD_PASS_THRES HOLD	Wolf Strong Pass Threshold	DfE
KS4_GSIZE_PTQ_EE	Size of the qualification equivalent to GCSEs	DfE
KS4_GORIGIN	Original grade	DfE
KS4_GFINAL	Final grade	DfE
KS4_POINTS_PTQ_EE	Total GCSE and equivalents point score using new style point score	DfE
KS4_AMDEXAM	Shows when an amendment has been made to a result during the School & College Achievement and Attainment tables checking exercise	DfE
KS4_QEBACC_PTQ_EE	Qualification type included in English Baccalaureate	DfE
KS4_WOLF_DISC_CODE	Wolf discount code	DfE
KS4_A8DISC	Discounted qualifications under attainment 8	DfE
KS4_VOC_CAPPED3_PTQ_EE	Vocational result is 'capped' i.e. flagged as discounted, so that only 3 vocational results count towards indicators	DfE
KS4_AC_CAP3_RESTORED_PTQ _EE	Academic result 'restored' (i.e. no longer discounted by vocational result) as discounting vocational result has been 'capped' to limit to max of 3 vocational awards (i.e. vocational result is now flagged as discounted)	DfE
KS4_A8POINTS	Point score for qualification in Attainment 8 / Progress 8	DfE
KS4_UPDATE_MTH	Month result last updated added at KS4 (Extracted from date KS4_UPDATE)	CLS
KS4_UPDATE_YR	Year result last updated added at KS4 (Extracted from date KS4_UPDATE)	CLS
KS4_MATH_94	Size of EBacc standard 9-4 pass in mathematics	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_MATH_95	Size of EBacc strong 9-5 pass in mathematics	DfE
KS4_EBACENG_94	Achieved a standard 9-4 pass in the EBacc English component	DfE
KS4_EBACENG_95	Achieved a strong 9-5 pass in the EBacc English component	DfE
KS4_MATH_91	Size of EBacc 9-1 pass in mathematics	DfE
KS4_EBACENG_91	Size of EBacc 9-1 pass in English	DfE
KS4_ENGLGPR_94	Size of EBacc standard 9-4 pass in English Language in English linked pairs	DfE
KS4_ENGLGPR_95	Size of EBacc strong 9-5 pass in English Language in English linked pairs	DfE
KS4_ENGLTPR_94	Size of EBacc standard 9-4 pass in English Literature in English linked pairs	DfE
KS4_ENGLTPR_95	Size of EBacc strong 9-5 pass in English Literature in English linked pairs	DfE
KS4_ENGLGPR_91	Size of EBacc 9-1 pass in English Language in English linked pairs	DfE
KS4_ENGLTPR_91	Size of EBacc 9-1 pass in English Literature in English linked pairs	DfE
KS4_ACADEMIC	Qualification is counted as academic qualification	DfE
KS4_A8ENTENG	Entered for English	DfE
KS4_A8ENG	Point score in English	DfE
KS4_A8ENTENGLANG	Entered for English language	DfE
KS4_A8ENGLANG	Point score in English language	DfE
KS4_A8ELIT	Point score in English literature	DfE
KS4_A8MAT	Point score in mathematics	DfE
KS4_A8MAT1	Point score in applications of mathematics (linked pair)	DfE
KS4_A8MAT2	Point score in method in mathematics (linked pair)	DfE
KS4_A8FSMQ	Point score in free standing maths qualification	DfE
KS4_A8EBAC	Point score in EBacc subject	DfE
KS4_A8OTH	Point score in non-EBacc subject	DfE

Variable Name	Description	Source
KS4_A8EBAC_RNK	Rank of EBacc point score against other EBacc subjects	DfE
KS4_A8OTH_RNK	Rank of non-EBacc point score against other non-EBacc subjects	DfE
KS4_DSCIROW	Rank of undiscounted combined science qualification	DfE
KS4_EBACCNOTSCI	Flag of qualification eligible to count in an EBacc slot that is not part of a science pathway	DfE
KS4_ENGRESIDLANG	Point score of residual English language qualification	DfE
KS4_ENGRESIDLIT	Point score of residual English literature qualification	DfE
KS4_CORESCIENGRNK	Rank of qualifications eligible for EBacc and open slots if core science and overall English pathway is taken in best entry cases	DfE
KS4_CORESCILANGLITRNK	Rank of qualifications eligible for EBacc and open slots if core science and separate language and literature pathway is taken in best entry cases	DfE
KS4_DOUBSCIENGRNK	Rank of qualifications eligible for EBacc and open slots if double science and overall English pathway is taken in best entry cases	DfE
KS4_DOUBSCILANGLITRNK	Rank of qualifications eligible for EBacc and open slots if double science and separate language and literature pathway is taken in best entry cases	DfE
KS4_TRIPSCIENGRNK	Rank of qualifications eligible for EBacc and open slots if separate science and overall English pathway is taken in best entry cases	DfE
KS4_TRIPSCILANGLITRNK	Rank of qualifications eligible for EBacc and open slots if separate science and separate language and literature pathway is taken in best entry cases	DfE
KS4_A8DISC2	Discounting to flag the same as A8DISC except in best entry cases	DfE
KS4_VERSION	Data version	DfE

## 4.10 Key Stage 4 Pupil data

**Table 10: Variables in the key stage 4 pupil dataset**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
ACMPRES	Sweep 1: Whether cohort member present in sweep	CLS
BCMPRES	Sweep 2: Whether cohort member present in sweep	CLS

Variable Name	Description	Source
CCMPRES	Sweep 3: Whether cohort member present in sweep	CLS
DCMPRES	Sweep 4: Whether cohort member present in sweep	CLS
ECMPRES	Sweep 5: Whether cohort member present in sweep	CLS
FCMPRES	Sweep 6: Whether cohort member present in sweep	CLS
KS4_URN_ANON	School unique reference number (anonymised)	CLS
KS4_LEA_ANON	Local education authority (anonymised)	CLS
KS4_ACADYR	Academic year	DfE
KS4_YEARGRP	Year Group - derived from date of birth	DfE
KS4_ACTYRGRP	The actual National Curriculum year group that the pupil follows within the school, including pupils in Independent schools (AAT data)	DfE
KS4_GENDER	Sex of pupil	DfE
KS4_ToE_CODE	Type of establishment code taken from Edubase	DfE
KS4_NFTYPE	Institution type generated by AAT	DfE
KS4_NEW_TYPE	School Type	DfE
KS4_NEWER_TYPE	School type (alternative breakdown)	DfE
KS4_MMSCH	Maintained mainstream school, academy, free school or CTC (excluding maintained special schools, academy special schools and Free School special schools) NFTYPE = ANY(20-25,51-52,57-58)	DfE
KS4_MMSCH2	Maintained mainstream school (excluding Academies, Free Schools and CTCs) NFTYPE = ANY(21-24)	DfE
KS4_MSCH	Maintained school, academy, free school or CTC (including maintained special schools, Academy special schools and Free School special schools) NFTYPE = ANY(20-27,50-53,55,57,58,63,64)	DfE
KS4_MSCH2	Maintained school, including maintained special schools (excluding Academies, Free Schools and CTCs) NFTYPE = ANY(21-24,26,27)	DfE
KS4_ADMPOL	Admissions policy	DfE
KS4_ADMPOL_2017	School admissions policy - new definition from 2017 onwards	DfE
KS4_FECOLLEGE1416	FE college with 14-16 provision	DfE
KS4_ENTRIES	Number of entries	DfE



Variable Name	Description	Source
KS4_AMDFLAG	Shows when an amendment has been made to a pupil during the School & College Achievement and Attainment tables checking exercise	DfE
KS4_ENDKS	Indicates whether a pupil is at the end of KS4	DfE
KS4_P_INCL	Pupil Inclusion flag	DfE
KS4_EARLYT_E	Indicates whether GCSE and equivalents were taken early by a current 15 year old pupil, and shows their on-roll status	DfE
KS4_NORFLAGE	Indicates whether the pupil should be included in number on roll and results calculations according to their School Census status, and any amendments	DfE
KS4_SCHRES	Indicates whether a pupil should be included in the results calculations for their school taking in to consideration any amendments, refugee status and age group where relevant (for pupils in all schools including independent schools)	DfE
KS4_LARES	Indicates whether a pupil should be included in the results calculations for their LA taking into consideration school type and inclusion of school in LA averages, any pupil amendments, refugee status and age group where relevant (for pupils in all schools including independent schools)	DfE
KS4_NATRES	Indicates whether a pupil should be included in the national results calculations taking into consideration inclusion of their school in national averages, any pupil amendments and age group where relevant (for pupils in all schools including independent schools)	DfE
KS4_NATMTDRES	Indicates whether a pupil should be included in national maintained results or in national aggregated school-type results that cover PLASC schools	DfE
KS4_SCHNOR	Indicates whether a pupil should be included in the denominator for the number 15 year olds for their school taking into consideration any amendments, refugee status and age group where relevant (only for pupils in School Census schools)	DfE
KS4_LANOR	Indicates whether a pupil should be included in the denominator for the number 15 year olds for their LA taking into consideration any amendments, refugee status and age group where relevant (only for pupils in School Census schools)	DfE
KS4_NATNOR	Indicates whether a pupil should be included in the denominator for the number of 15 year olds nationally taking into consideration any amendments, refugee status and age group where relevant (only for pupils in School Census schools)	DfE
KS4_NPDDEN_NAT	Pupil included in denominator for national averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS4_NPDNUM_NAT	Pupil included in numerator for national averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS4_NPDDEN_LA	Pupil included in denominator for LA averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS4_NPDNUM_LA	Pupil included in numerator for LA averages in NPD-based figures such as those published in 'Attainment by Pupil Characteristics' SFRs	DfE
KS4_GCSEVOC_PTQ_EE	Total number of Double Award Vocational GCSE entries	DfE
KS4_ALLSCI_PTQ_EE	Entered 3 of Biology, Physics, Chemistry or Computer Science GCSEs or ASs (except for computer science which does not include its related AS)	DfE
KS4_MFL_PTQ_EE	Temporary exam level indicator for MFL	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_ENT1GMFL_PTQ_EE	Entered for at least 1 Full GCSE Modern Foreign Language qualification	DfE
KS4_ENT1EMFL_PTQ_EE	Entered for at least 1 Modern Foreign Language qualification	DfE
KS4_ENTRY_G_PTQ_EE	Total number of GCSE only entries (GCSE equivalencies)	DfE
KS4_ENTRY_E_3NG_PTQ_EE	Total number of GCSE and equivalents entries (GCSE equivalencies)	DfE
KS4_PTSPE_PTQ_EE	Uncapped points per qualification entry (including equivalents)	DfE
KS4_GPTSPE_PTQ_EE	Uncapped points per GCSE entry (excluding equivalents)	DfE
KS4_ENTRY_1_3NG_PTQ_EE	Pupil entered for at least 1 GCSE or equivalent	DfE
KS4_ENTRY_5_3NG_PTQ_EE	Pupil entered for at 5 or more GCSEs and equivalents	DfE
KS4_EXAMCAT_PTQ_EE	Highest examination category achieved at GCSE and equivalent	DfE
KS4_PASS_AC_3NG_PTQ_EE	Number of passes at grades A*-C (equivalents included)	DfE
KS4_PASS_1AC_PTQ_EE	Pupil passed at least one level 2 qualification	DfE
KS4_PASS_LEV2_PTQ_EE	Total number of Level 2 GCSE and equivalent qualifications (GCSE equivalencies)	DfE
KS4_PASS_LEV2EM_PTQ_EE	Total number of Level 2 GCSE and equivalent qualifications including Level 2 in GCSE English and Maths (counted as being a GCSE) (GCSE equivalencies)	DfE
KS4_PASS_LEV1_PTQ_EE	Total number of Level 1 GCSE and equivalent qualifications (GCSE equivalencies)	DfE
KS4_PASS_LEV1EM_PTQ_EE	Total number of Level 1 GCSE and equivalent qualifications including Level 1 in GCSE English and Maths (counted as being a GCSE) (GCSE equivalencies)	DfE
KS4_BTEC_PTQ_EE	Number of BTECs achieved (NOT GCSE equivalencies)	DfE
KS4_EDEXDA_PTQ_EE	Number of EDEXCEL Qualifications in Digital Applications for IT Users achieved (NOT GCSE equivalencies)	DfE
KS4_PTSTNEWE_PTQ_EE	Total GCSE and equivalents new style point score	DfE
KS4_PTSCNEWE_PTQ_EE	Capped GCSE and equivalents new style point score	DfE
KS4_HPGENG_PTQ_EE	Highest standardised points in English GCSE	DfE
KS4_HPGMATH_PTQ_EE	Highest standardised points in Maths GCSE	DfE
KS4_KS2ENG24P_PTQ_EE	KS2 English Prior Attainment level for KS2-KS4 progression measure (2011 methodology)	DfE
KS4_KS2MAT24P_PTQ_EE	KS2 maths Prior Attainment level for KS2-KS4 progression measure (2011 methodology)	DfE

Variable Name	Description	Source
KS4_ENGLISHBONUS_PTQ_EE	Bonus for English	DfE
KS4_MATHSBONUS_PTQ_EE	Bonus for Maths	DfE
KS4_AVPTSENT_PTQ_EE	Average GCSE and equivalent point score per entry	DfE
KS4_LEVEL2_PTQ_EE	Achieved Level 2 threshold (5 or more GCSE and equivalents at grades A*-C)(including S96, WOLF, first Entry and vocational qualification capping)	DfE
KS4_GLEVEL2_PTQ_EE	Achieved 5 A*-C (GCSE only)	DfE
KS4_GLEVEL2EM_PTQ_EE	Achieved 5 A*-C (GCSE only) including English and maths	DfE
KS4_LEVEL1_PTQ_EE	Achieved Level 1 threshold (5 or more GCSE and equivalents at grades A*-G)(including S96, WOLF, first Entry and vocational qualification capping)	DfE
KS4_ANYLEV1_PTQ_EE	Achieved at least 1 GCSE or equivalent at grade A*-G	DfE
KS4_ANYPASS_PTQ_EE	Achieved any passes at all in GCSE or equivalents(including S96, WOLF, first Entry and vocational qualification capping)	DfE
KS4_VOCQUAL_PTQ_EE	Flag to indicate if a learner has achieved at least one vocational qualification at KS4	DfE
KS4_2BTECEDEXDA_PTQ_EE	Achieved at least two BTECs or a combination of EDEXCEL Qualifications in Digital Applications for IT User and BTECs	DfE
KS4_HGMATH_PTQ_EE	Highest grade achieved in Full GCSE Maths (as used in the Maths threshold measures)	DfE
KS4_KS4SCI_PTQ_EE	Highest point score achieved (GCSE equivalencies) in Science (Full GCSE, Full Intermediate or Foundation GNVQ and Vocational GCSE)	DfE
KS4_LEVEL2_EM_94	Achieved 5 or more GCSE and equivalents at grades (Level 2) including standard passes (9-4) in GCSE English and Maths	DfE
KS4_LEVEL1_EM_PTQ_EE	Achieved 5 or more GCSE and equivalents at grades A*-G (Level 1) including GCSE English and Maths (counted as being a GCSE)	DfE
KS4_LEV2EM_94	Achieved English and Maths at level 2 (GCSE only) - with a 9-4 pass	DfE
KS4_LEV2FEM_PTQ_EE	Achieved functional English and Maths at level 2	DfE
KS4_LEV2EM_95	Achieved English and Maths at level 2 (GCSE only) - with a strong 9-5 pass	DfE
KS4_LEV1EM_PTQ_EE	Achieved A*-G (Level 1) in GCSE English and Maths	DfE
KS4_LEV1FEM_PTQ_EE	Achieved functional English and Maths at level 1	DfE
KS4_LEV2SCIA_PTQ_EE	Achieved Level 2 in Double science or Applied Science	DfE
KS4_LEV2SCIB_PTQ_EE	Achieved Level 2 in GCSE Science plus GCSE Additional Science or Applied Science or GCSE Land & Environment	DfE

Variable Name	Description	Source
KS4_LEV2SCIC_PTQ_EE	Entered 3 of Biology, Physics, Chemistry, Computer Science GCSEs or ASs and achieved A*-C in two of Biology, Physics, Chemistry or Computer Science GCSEs or ASs	DfE
KS4_LEV2SCID_PTQ_EE	Entered Biology, Physics, Chemistry GCSEs or ASs and achieved 'good' Physics and Chemistry GCSEs or ASs	DfE
KS4_LEV2SCIE_PTQ_EE	BTECs in Science	DfE
KS4_LEV2SCIF_PTQ_EE	OCR Nationals Award and Certificate in Science	DfE
KS4_LEV2SCIG_PTQ_EE	Achieved equivalent of Level 2 in Intermediate GNVQs in Science	DfE
KS4_LEV2SCI2_PTQ_EE	Achieved 2 'good' science GCSEs or equivalent	DfE
KS4_LEV2SCI2B_PTQ_EE	Achieved 2 'good' science GCSEs or equivalent (counting the BTECs, OCRs and IGVQs)	DfE
KS4_PASS_ABSCIA_PTQ_EE	Achieved A*-B in Double Science or Applied Science	DfE
KS4_PASS_ABSCIB_PTQ_EE	Achieved A*-B in GCSE Science plus GCSE Additional Science or Applied Science or GCSE Land & Environment	DfE
KS4_PASS_ABSCIC_PTQ_EE	Entered Biology, Physics, Chemistry GCSEs or ASs and achieved equivalent of A*-B GCSE in Biology plus Physics or Chemistry GCSEs or Ass	DfE
KS4_PASS_ABSCID_PTQ_EE	Entered Biology, Physics, Chemistry GCSEs or ASs and achieved equivalent of A*-B GCSE in Physics and Chemistry GCSEs or Ass	DfE
KS4_PASS_ABSCI2_PTQ_EE	Achieved equivalent of A*-B GCSE in 2 Science GCSEs or equivalent	DfE
KS4_LEVEL2MFL_PTQ_EE	Achieved A*-C in one full Modern Foreign Language GCSE or equivalent	DfE
KS4_LEVEL1MFL_PTQ_EE	Achieved A*-G in one short course Modern Foreign Language GCSE or equivalent	DfE
KS4_ANYPMFL_PTQ_EE	Achieved any passes in Modern Foreign Language	DfE
KS4_GCSE_ENGATT_PTQ_EE	Pupil attempted English GCSE	DfE
KS4_GCSE_ENG_91	Pupil passed English GCSE at A*-G 9-1	DfE
KS4_GCSE_ENG_94	Pupil passed English GCSE at A*-C with a standard 9-4 pass	DfE
KS4_GCSE_ENG_95	Pupil passed English GCSE at A*-C with a strong 9-5 pass	DfE
KS4_GCSE_MATHATT_PTQ_EE	Pupil attempted maths GCSE	DfE
KS4_GCSE_MATH_91	Pupil passed Maths GCSE at A*-G 9-1	DfE
KS4_GCSE_MATH_94	Pupil passed Maths GCSE at A*-C with a standard 9-4 pass	DfE
KS4_GCSE_MATH_95	Pupil passed Maths GCSE at A*-C with a strong 9-5 pass	DfE

Variable Name	Description	Source
KS4_GCSE_SCIATT_PTQ_EE	Pupil attempted science GCSE	DfE
KS4_GCSE_SCIAG_PTQ_EE	Pupil passed science GCSE at A*-G	DfE
KS4_GCSE_SCIAC_PTQ_EE	Pupil passed science GCSE at A*-C	DfE
KS4_EBACENG_94	Achieved a standard 9-4 pass in the EBacc English component	DfE
KS4_EBACENG_95	Achieved a strong 9-5 pass in the EBacc English component	DfE
KS4_EBALLSCI_PTQ_EE	Entered three of Biology, Physics, Chemistry and Computer Science GCSE	DfE
KS4_PASS2SCIA_PTQ_EE	Entered three of Biology, Physics, Chemistry or Computer Science GCSEs and achieved two 'good' of Biology, Physics, Chemistry or Computer Science	DfE
KS4_PASS2SCIB_PTQ_EE	Entered Biology, Physics, Chemistry GCSEs and achieved 'good' Physics and Chemistry	DfE
KS4_PASSOTHSCI_PTQ_EE	Achieved double science or Core and Additional science	DfE
KS4_EBAC2SCI_PTQ_EE	Achieved EBacc 2 sciences component	DfE
KS4_MATHPAIR_PTQ_EE	Entered 'Applications of mathematics' and 'Methods in mathematics' GCSEs	DfE
KS4_PASSMATHPR_PTQ_EE	Achieved at least a Grade C in one of the Maths linked pair GCSEs	DfE
KS4_EBACMAT_94	Achieved a standard 9-4 pass in the EBacc Maths component	DfE
KS4_EBACMAT_95	Achieved a strong 9-5 pass in the EBacc Maths component	DfE
KS4_EBACHUM_PTQ_EE	Achieved EBacc Humanities component	DfE
KS4_EBACLAN_PTQ_EE	Achieved EBacc language component	DfE
KS4_EBACC_94	Achieved English Baccalaureate - standard 9-4 passes in English, mathematics, 2 sciences, a humanity and a language	DfE
KS4_EBACC_95	Achieved English Baccalaureate - strong 9-5 passes in English and mathematics, and 9-4 passes in 2 sciences, a humanity and a language	DfE
KS4_EBACCAPS_PUPIL	Pupil level EBacc average point score	DfE
KS4_L2BASICS_94	Achieved standard 9-4 passes in English and Maths GCSEs at Level 2	DfE
KS4_L2BASICS_95	Achieved strong 9-5 passes in English and Maths GCSEs	DfE
KS4_L2BASICS_1_PTQ_EE	Achieved EBacc E&M and EBacc 2 sciences	DfE
KS4_L2BASICS_2_PTQ_EE	Achieved current E&M and current 2 sciences	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_L2BASICS_3_PTQ_EE	Achieved current E&M and current 2 GCSE only sciences	DfE
KS4_L2BASICS_4_PTQ_EE	Achieved current E&M and EBacc 2 sciences	DfE
KS4_EBACENG_E_PTQ_EE	Pupil entered for EBacc English	DfE
KS4_EBACMAT_E_PTQ_EE	Pupil entered for EBacc Maths	DfE
KS4_EBAC2SCI_E_PTQ_EE	Pupil entered for EBacc science (i.e. 3 separate sciences, Core plus additional or double science)	DfE
KS4_EBACHUM_E_PTQ_EE	Pupil entered for EBacc Humanities (Geography or History)	DfE
KS4_EBACLAN_E_PTQ_EE	Pupil entered for EBacc Languages	DfE
KS4_EBACC_E_PTQ_EE	Entered all subject pillars of the EBacc	DfE
KS4_EBACENG_91	Achieved EBacc English component at 9-1	DfE
KS4_PASS2SCIAAG_PTQ_EE	Entered three of Biology, Physics, Chemistry or Computer Science GCSEs and achieved A*-G in two of Biology, Physics, Chemistry or Computer Science	DfE
KS4_PASS2SCIBAG_PTQ_EE	Entered Biology, Physics, Chemistry GCSEs and achieved A*-G Physics and Chemistry	DfE
KS4_PASSOTHSCIAG_PTQ_EE	Achieved double science or Core and Additional science at grades A*-G	DfE
KS4_EBAC2SCIAG_PTQ_EE	Achieved EBacc 2 sciences component at grade A*-G	DfE
KS4_PASSMATHPRAG_PTQ_EE	Achieved at least a Grade G in one of the Maths linked pair GCSEs	DfE
KS4_EBACMAT_91	Achieved EBacc Maths component at 9-1	DfE
KS4_EBACHUMAG_PTQ_EE	Achieved EBacc Humanities component at grades A*-G	DfE
KS4_EBACLANAG_PTQ_EE	Achieved EBacc language component at grades A*-G	DfE
KS4_EBACC_91	Achieved English Baccalaureate - 9-1 passes in English, mathematics, 2 sciences, a humanity and a language	DfE
KS4_INVAMOD_PTQ_EE	Pupil included in KS2-4 Value added models (best 8, English and Maths EBacc)	DfE
KS4_INSCIVAMOD_PTQ_EE	Pupil included in KS2-4 EBacc science Value added model	DfE
KS4_INHUMVAMOD_PTQ_EE	Pupil included in KS2-4 EBacc humanities Value added model	DfE
KS4_INLANVAMOD_PTQ_EE	Pupil included in KS2-4 EBacc languages Value added model	DfE
KS4_INVACALC_PTQ_EE	Pupil included in KS2-4 Value added calculations (best 8, English and Maths EBacc)	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_INSCIVACALC_PTQ_EE	Pupil included in KS2-4 EBacc science Value added calculation	DfE
KS4_INHUMVACALC_PTQ_EE	Pupil included in KS2-4 EBacc humanities Value added calculation	DfE
KS4_INLANVACALC_PTQ_EE	Pupil included in KS2-4 EBacc languages Value added calculation	DfE
KS4_VAP2TAENG_PTQ_EE	KS2 point score in English (using fine grading and TA)	DfE
KS4_VAP2TAMAT_PTQ_EE	KS2 point score in maths (using fine grading and TA)	DfE
KS4_VAP2TASCI_PTQ_EE	KS2 point score in science (using fine grading and TA)	DfE
KS4_VAP2TAAPS_PTQ_EE	Average KS2 point score for Value Added prior attainment	DfE
KS4_VAP2TAAPSSQ_PTQ_EE	Average KS2 point score squared	DfE
KS4_VAP2TAAPSCU_PTQ_EE	Average KS2 point score cubed	DfE
KS4_P2TAE_DEV_PTQ_EE	Prior attainment (KS2 English) PS deviation	DfE
KS4_P2TAM_DEV_PTQ_EE	Prior attainment (KS2 Maths) PS deviation	DfE
KS4_VAPTSC_PTQ_EE	Capped GCSE, GNVQ & equivalent point score (for use in VA)	DfE
KS4_GPTSTNEWE_PTQ_EE	Total uncapped GCSE point score excluding equivalents	DfE
KS4_GPTSCNEWE_PTQ_EE	Capped GCSE point score excluding equivalents	DfE
KS4_B8SCRPLUSBONUS_PTQ_EE	Points score plus bonus- final score to be used in 'Best 8' VA	DfE
KS4_EBPTSENG_PTQ_EE	Point score in English EBacc pillar	DfE
KS4_EBPTSENG_LL_PTQ_EE	Point score in English EBacc pillar taking the best of language and literature for pupils on this	DfE
KS4_EBPTSMAT_PTQ_EE	Point score in maths EBacc pillar	DfE
KS4_EBPTSSCI_PTQ_EE	Point score in science EBacc pillar	DfE
KS4_EBPTSHUM_PTQ_EE	Highest point score achieved in humanities EBacc pillar	DfE
KS4_EBPTSLAN_PTQ_EE	Highest point score achieved in language EBacc pillar	DfE
KS4_B8VAPRED_PTQ_EE	KS2-4 predicted point score for 'Best 8' VA	DfE
KS4_B8VASCR_PTQ_EE	Pupil 'Best 8' VA score	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_ENGVAPRED_PTQ_EE	KS2-4 predicted point score for 'EBacc English' VA	DfE
KS4_ENGVASCR_PTQ_EE	Pupil 'EBacc English' VA score	DfE
KS4_MATVAPRED_PTQ_EE	KS2-4 predicted point score for 'EBacc maths' VA	DfE
KS4_MATVASCR_PTQ_EE	Pupil 'EBacc maths' VA score	DfE
KS4_SCIVAPRED_PTQ_EE	KS2-4 predicted point score for 'EBacc science' VA	DfE
KS4_SCIVASCR_PTQ_EE	Pupil 'EBacc science' VA score	DfE
KS4_HUMVAPRED_PTQ_EE	KS2-4 predicted point score for 'EBacc humanities' VA	DfE
KS4_HUMVASCR_PTQ_EE	Pupil 'EBacc humanities' VA score	DfE
KS4_LANVAPRED_PTQ_EE	KS2-4 predicted point score for 'EBacc language' VA	DfE
KS4_LANVASCR_PTQ_EE	Pupil 'EBacc language' VA score	DfE
KS4_PRIORBAND_PTQ_EE	Prior attainment band for low/average/high achievement at KS2	DfE
KS4_EALGRP_PTQ_EE	English as additional language groups	DfE
KS4_ENGPAIR_PTQ_EE	Pupil entered for English Language and English Literature linked pair GCSEs	DfE
KS4_ENGPAIRLEV2_94	Achieved level 1 GCSE in English language in English linked pairs	DfE
KS4_ENGPAIRLEV2_95	Achieved strong 9-5 in GCSE in English Language in the English linked pairs	DfE
KS4_ENGPAIRLEV1_PTQ_EE	Achieved level 2 GCSE in English Language in the English linked pairs	DfE
KS4_FINELEVEL_PTQ_EE	Pupil Fine Level score	DfE
KS4_VAPRIORBAND_PTQ_EE	Pupil VA Prior Banding	DfE
KS4_APELIT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) English Literature	DfE
KS4_APELEC_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Electronic Products	DfE
KS4_APFOOD_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Food Technology	DfE
KS4_APGRA_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Graphic Products	DfE
KS4_APRES_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Resistant Materials Technology	DfE



<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_APSYS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Systems & Control	DfE
KS4_APDTT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Design and Technology: Textiles Technology	DfE
KS4_APART_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Art and Design	DfE
KS4_APHIS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) History	DfE
KS4_APGEO_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Geography	DfE
KS4_APFRE_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) French	DfE
KS4_APGER_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) German	DfE
KS4_APBUS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Business Studies	DfE
KS4_APRS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Religious Studies	DfE
KS4_APPE_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Physical Education	DfE
KS4_APPHY_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Physics	DfE
KS4_APCHE_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Chemistry	DfE
KS4_APBIO_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Biological Science	DfE
KS4_APBIOE_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Biology (except Human Biology)	DfE
KS4_APDRA_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Drama	DfE
KS4_APIT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Information Technology	DfE
KS4_APSPAN_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Spanish	DfE
KS4_APMUS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Music	DfE
KS4_APMAT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Maths	DfE
KS4_APENG_PTQ_EE	Highest grade achieved in Full GCSE (including Double Awards where appropriate) English (as used in the English threshold measures)	DfE
KS4_APSTAT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Statistics	DfE
KS4_APMFT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Media, Film and Television Studies	DfE
KS4_APOFT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Office Technology	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_APHECD_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Home Economics: Child Development	DfE
KS4_APDUT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Dutch	DfE
KS4_APITA_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Italian	DfE
KS4_APMGRK_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Modern Greek	DfE
KS4_APPOR_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Portuguese	DfE
KS4_APARA_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Arabic	DfE
KS4_APBEN_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Bengali	DfE
KS4_APCHI_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Chinese	DfE
KS4_APGUJ_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Gujarati	DfE
KS4_APJAP_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Japanese	DfE
KS4_APMHEB_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Modern Hebrew	DfE
KS4_APPAN_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Panjabi	DfE
KS4_APPOL_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Polish	DfE
KS4_APRUS_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Russian	DfE
KS4_APTUR_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Turkish	DfE
KS4_APURD_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Urdu	DfE
KS4_APPER_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Persian	DfE
KS4_APCGRK_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Classical Greek	DfE
KS4_APLAT_PTQ_EE	Grade achieved in Full GCSE (including Double Awards where appropriate) Latin	DfE
KS4_APVBUS_PTQ_EE	Grade achieved in Vocational GCSE Double Award Applied Business	DfE
KS4_APHSC_PTQ_EE	Grade achieved in Vocational GCSE Double Award Health and Social Care	DfE
KS4_APLT_PTQ_EE	Grade achieved in Vocational GCSE Double Award Leisure and Tourism	DfE
KS4_APVSCI_PTQ_EE	Grade achieved in Vocational GCSE Double Award Applied Science	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_APSVSCI_PTQ_EE	Grade achieved in Vocational GCSE Single Award Additional Applied Science	DfE
KS4_APVIT_PTQ_EE	Grade achieved in Vocational GCSE Double Award Applied ICT	DfE
KS4_APCORESCI_PTQ_EE	Grade achieved in GCSE Core Science	DfE
KS4_APADTSCI_PTQ_EE	Grade achieved in GCSE Additional Science	DfE
KS4_APAPDSCI_PTQ_EE	Grade achieved in GCSE Applied Science	DfE
KS4_ENTRY_E_ALL_PTQ_EE	Total number of GCSE and equivalents entries (all S96 qualifications) under current methodology but all qualifications (ignore PTQ_INCLUDE flag)	DfE
KS4_KS2EMFG	KS2 prior attainment in English and mathematics	DfE
KS4_KS2EMFG_GRP	Recoded prior attainment in English and mathematics for use in calculations	DfE
KS4_INP8MOD	Pupils included in Progress 8 model	DfE
KS4_INP8CALC	Pupils included in Progress 8 calculations	DfE
KS4_CORESCIENGSCORE	Point score in English, EBacc and open slots if using CORESCIENGRNK	DfE
KS4_CORESCILANGLITSCORE	Point score in English, EBacc and open slots if using CORESCILANGLITRNK	DfE
KS4_DOUBSCIENGSCORE	Point score in English, EBacc and open slots if using DOUBSCIENGRNK	DfE
KS4_DOUBSCILANGLITSCORE	Point score in English, EBacc and open slots if using DOUBSCILANGLITRNK	DfE
KS4_TRIPSCIENGSCORE	Point score in English, EBacc and open slots if using TRIPSCIENGRNK	DfE
KS4_TRIPSCILANGLITSCORE	Point score in English, EBacc and open slots if using TRIPSCILANGLITRNK	DfE
KS4_ENGRESID	Lowest score between English language and English literature	DfE
KS4_ENGRESID_G	Whether ENGRESID is GCSE	DfE
KS4_EBAC4	Score for 4th ranked EBacc qualification	DfE
KS4_EBAC5	Score for 5th ranked EBacc qualification	DfE
KS4_EBAC6	Score for 6th ranked EBacc qualification	DfE
KS4_EBAC4_G	Whether EBAC4 qualification is GCSE	DfE
KS4_EBAC5_G	Whether EBAC5 qualification is GCSE	DfE

<b>Variable Name</b>	<b>Description</b>	<b>Source</b>
KS4_EBAC6_G	Whether EBAC6 qualification is GCSE	DfE
KS4_OTH1	Score for best ranked non-EBacc qualification	DfE
KS4_OTH2	Score for 2nd ranked non-EBacc qualification	DfE
KS4_OTH3	Score for 3rd ranked non-EBacc qualification	DfE
KS4_OTH1_G	Whether OTH1 qualification is GCSE	DfE
KS4_OTH2_G	Whether OTH2 qualification is GCSE	DfE
KS4_OTH3_G	Whether OTH3 qualification is GCSE	DfE
KS4_SLOT1ENG	A8 Score achieved in English	DfE
KS4_SLOT2MAT	A8 Score achieved in maths	DfE
KS4_SLOT3EBAC	A8 Score achieved in 1st EBacc slot	DfE
KS4_SLOT4EBAC	A8 Score achieved in 2nd EBacc slot	DfE
KS4_SLOT5EBAC	A8 Score achieved in 3rd EBacc slot	DfE
KS4_SLOT6OPEN	A8 Score achieved in 1st open slot	DfE
KS4_SLOT7OPEN	A8 Score achieved in 2nd open slot	DfE
KS4_SLOT8OPEN	A8 Score achieved in 3rd open slot	DfE
KS4_SLOT6OPEN_G	Whether SLOT6 Is GCSE	DfE
KS4_SLOT7OPEN_G	Whether SLOT7 Is GCSE	DfE
KS4_SLOT8OPEN_G	Whether SLOT8 Is GCSE	DfE
KS4_ATT8	Attainment 8 score	DfE
KS4_EBACFILL	Number of EBacc slots filled	DfE
KS4_OPENFILL	Number of open slots filled	DfE
KS4_EBACSCR	Score achieved in EBacc slots	DfE
KS4_OPENSCR	Score achieved in open slots	DfE

Variable Name	Description	Source
KS4_ATT8_PRED	Average attainment 8 score for pupils with same prior attainment	DfE
KS4_P8SCORE	Pupil's progress 8 score	DfE
KS4_ENG_PRED	Average attainment 8 score in English for pupils with same prior attainment	DfE
KS4_P8ENG	Pupil's progress 8 score for English	DfE
KS4_MAT_PRED	Average attainment 8 score in mathematics for pupils with same prior attainment	DfE
KS4_P8MAT	Pupil's progress 8 score for mathematics	DfE
KS4_EBAC_PRED	Average attainment 8 score in EBacc slots for pupils with same prior attainment	DfE
KS4_P8EBAC	Pupil's progress 8 score for EBacc slots	DfE
KS4_OPEN_PRED	Average attainment 8 score in open slots for pupils with same prior attainment	DfE
KS4_P8OPEN	Pupil's progress 8 score for open slots	DfE
KS4_OPENNGSCR	Total score achieved in open slots – GCSEs only	DfE
KS4_OPENNGSCR	Total score achieved in open slots – non-GCSEs only	DfE
KS4_ENROLSTS	Pupil enrolment status	DfE
KS4_TRIPLESCI_E	Entered biology, physics and chemistry (EBacc qualifications only)	DfE
KS4_MULTILAN_E	Entered more than one EBacc language	DfE
KS4_NEWMOBILE	Has pupil joined the school in the last two academic years (12 September cut-off date)?	DfE
KS4_VERSION	Data version	DfE

## 4.11 Key Stage 5 Exam data

**Table 11: Variables in the key stage 5 exam dataset**

Variable Name	Description	Source
mcsid	MCS Research Serial Number	CLS

cnum	Cohort member number	CLS
examno	Exam number	CLS
ks5_acadyr	Academic year which exam records are taken from	DfE
ks5_examyear	Calendar year in which the qualification was attempted (academic qualifications) or issued (vocational qualifications).	DfE
ks5_laestab	Latest main DfE number (LA and ESTAB fields joined together) - Anonymous	DfE
ks5_urn_anon	Schools Unique Reference Number - Anonymous	DfE
ks5_season	Exam season.	DfE
ks5_boardno	Awarding body number.	DfE
ks5_sublevno	Qualification and assessment code.	DfE
ks5_gnumber	G-number for Advanced GNVQs or a QCA Qualification Accreditation Number (QAN) for Section 96 qualifications.	DfE
ks5_brdsbno	Awarding body subject number.	DfE
ks5_mapping	LEAP/LDCS subject mapping code – code that identifies the exam subject.	DfE
ks5_include	Result is included in calculations.	DfE
ks5_ptq_include	Approved KS5/level 3 qualification: result is included in calculations	DfE
ks5_mode	Mode	DfE
ks5_modflag	Modflag	DfE
ks5_modaflag	Modular A level flag	DfE
ks5_lev1	Level 1 Threshold Contribution	DfE
ks5_lev2	Level 2 Threshold Contribution	DfE
ks5_lev3	Proportion of the Level 3 threshold that this qualification makes up.	DfE
ks5_gsize	GCSE equivalent size	DfE
ks5_asize	Size of the qualification equivalent to an A Level.	DfE
ks5_grade	The grade of the exam.	DfE
ks5_gorigin	Original grade	DfE

ks5_gfinal	Final grade	DfE
ks5_points	Total A Level and equivalents point score.	DfE
ks5_points_1618	New 16-18 points (introduced in 2016)	DfE
ks5_capped_pts	Capped points for English and Maths progress measure	DfE
ks5_disc_single	One year discount flag – used where student has studied at an institution for a single year. General discounting flag used to determine points.	DfE
ks5_discb_single	One year discount flag for discounting A level cohort qualifications	DfE
ks5_discs_single	One year discount flag used to determine discounting of size e.g. where failed A level has been discounted by an AS level	DfE
ks5_disc_all	Three year discount flag – used where student not moved institution and for national level aggregation of all results. General discounting flag used to determine points.	DfE
ks5_discb_all	Three year discountflag for discounting A level cohort qualifications	DfE
ks5_discs_all	Three year discount flag used to determine discounting of size e.g. where failed A level has been discounted by an AS level	DfE
ks5_disc_0_1	Two year discount flag used where student is in same institution in RY and RY-1. General discounting flag used to determine points.	DfE
ks5_discb_0_1	Two year discount flag for RY and RY-1, discounting A level cohort qualifications	DfE
ks5_discs_0_1	Two year discount flag for RY and RY-1 used to determine discounting of size, eg where failed A level has been discounted by an AS level	DfE
ks5_disc_1_2	Two year discount flag used where student is in same institution in RY-1 and RY-2. General discounting flag used to determine points.	DfE
ks5_discb_1_2	Two year discount flag for RY-1 and RY-2, discounting A level cohort qualifications	DfE
ks5_discs_1_2	Two year discount flag for RY-1 and RY-2 used to determine discounting of size, eg where failed A level has been discounted by an AS level	DfE
ks5_disc_0_2	Two year discount flag used where student is in same institution in RY and RY-2. General discounting flag used to determine points.	DfE
ks5_discb_0_2	Two year discount flag for RY and RY-2, discounting A level cohort qualifications	DfE
ks5_discs_0_2	Two year discount flag for RY and RY-2 used to determine discounting of size, eg where failed A level has been discounted by an AS level	DfE
ks5_discountfamilycode	Discount family code	DfE
ks5_amdexam	Shows when an amendment has been made to a result during the School & College Achievement and Attainment tables checking exercise.	DfE
ks5_p_amdflag	Shows when an amendment has been made to a pupil during the School & College Performance tables checking exercise.	DfE
ks5_nftype	Institution type generated by AAT.	DfE

ks5_fesitype	Further Education institution type	DfE
ks5_admpol	Admissions policy	DfE
ks5_admpol_2017	Admissions policy - new definition from 2017 onwards	DfE
ks5_late_result_flag	potential late key stage 4 results flag	DfE
ks5_version	Data version.	DfE
ks5_teacher_assessed_flag	Teacher assessed flag	DfE
ks5_covid_impacted_flag	Covid impacted flag	DfE
ks5_autumn_series	Autumn series flag	DfE

## 4.12 Key Stage 5 Pupil data

**Table 12: Variables in the key stage 5 pupil dataset**

Variable Name	Description	Source
mcsid	MCS Research Serial Number	CLS
cnum	Cohort member number	CLS
studentno	Student Record Number	CLS
ks5_acadyr	Academic year which student records are taken from	DfE
ks5_rectype	Record type - identifier for level of aggregation	DfE
ks5_gender	Gender	DfE
ks5_laestab_anon	Latest main DfE number (LA and ESTAB fields joined together) - Anonymous	DfE
ks5_urn_anon	School's Unique Reference Number - Anonymous	DfE
ks5_nftype	Institution type generated by AAT.	DfE
ks5_admpol	Admissions policy	DfE
ks5_admpol_2017	New admissions policy introduced in 2017	DfE



ks5_admpol_pt	Admissions policy	DfE
ks5_mmsch	Maintained mainstream school, academy, free school or CTC (excluding maintained special schools, academy special schools and Free School special schools) NFTYPE = ANY(20-25,51-52,57-58)	DfE
ks5_mmsch2	Maintained mainstream school (excluding Academies, Free Schools and CTCs) NFTYPE = ANY(21-24)	DfE
ks5_msch	Maintained school, academy, free school or CTC (including maintained special schools, Academy special schools and Free School special schools) NFTYPE = ANY(20-27,50-53,55,57,58,63,64)	DfE
ks5_msch2	Maintained school, including maintained special schools (excluding Academies, Free Schools and CTCs) NFTYPE = ANY(21-24,26,27)	DfE
ks5_fesotype	Further Education institution type	DfE
ks5_nat1618	Students main provider (LAESTAB) is in scope for being included in performance tables at national level	DfE
ks5_la1618	Students main provider (LAESTAB) is in scope for being included in performance tables at local authority level	DfE
ks5_mtd	Institution is state-funded	DfE
ks5_ao_except	LAESTAB source is AO but provider is school/college would expect source SC/ILR derived by AO_EXCEPT = MAX(AO_EXCEPT_0, AO_EXCEPT_1, AO_EXCEPT_2)	DfE
ks5_laestab_except	LAESTAB source is ILR and provider is out of scope but AO LAESTAB is in scope derived by LAESTAB_EXCEPT = MAX(LAESTAB_EXCEPT_0, LAESTAB_EXCEPT_1, LAESTAB_EXCEPT_2)	DfE
ks5_same_inst_all	student doesnt change institution	DfE
ks5_years_allocated	Number of years student allocated to institution(s) [or LA, etc depending on rectype in indicator file]	DfE
ks5_same_inst_0_1	same institution in RY and RY-1	DfE
ks5_same_inst_1_2	same institution in RY-1 and RY-2	DfE
ks5_same_inst_0_2	same institution in RY and RY-2	DfE
ks5_same_inst_0	single institution in RY	DfE
ks5_same_inst_1	single institution in RY-1	DfE
ks5_same_inst_2	single institution in RY-2	DfE
ks5_same_la_all	student doesnt change LA (and all are reported at LA level)	DfE
ks5_same_la_0_1	same LA in RY and RY-1 and both state-funded providers	DfE
ks5_same_la_1_2	same institution LA in RY-1 and RY-2 and both state-funded providers	DfE

ks5_same_la_0_2	same institution LA in RY and RY-2 and both state-funded providers	DfE
ks5_same_la_0	single LA in RY	DfE
ks5_same_la_1	single LA in RY-1	DfE
ks5_same_la_2	single LA in RY-2	DfE
ks5_same_mtd_all	student in state-funded institution for all years	DfE
ks5_same_mtd_0_1	in state-funded provider in RY and RY-1	DfE
ks5_same_mtd_1_2	in state-funded provider in RY-1 and RY-2	DfE
ks5_same_mtd_0_2	in state-funded provider in RY and RY-2	DfE
ks5_same_mtd_0	single state-funded institution in RY	DfE
ks5_same_mtd_1	single state-funded institution in RY-1	DfE
ks5_same_mtd_2	single state-funded institution in RY-2	DfE
ks5_same_nat_all	student in national for all years	DfE
ks5_same_nat_0_1	in national in RY and RY-1	DfE
ks5_same_nat_1_2	in national in RY-1 and RY-2	DfE
ks5_same_nat_0_2	in national in RY and RY-2	DfE
ks5_same_nat_0	national in RY only	DfE
ks5_same_nat_1	national in RY-1 only	DfE
ks5_same_nat_2	national in RY-2 only	DfE
ks5_same_cons_all	student in consortium for all years	DfE
ks5_same_cons_0_1	in consortium in RY and RY-1	DfE
ks5_same_cons_1_2	in consortium in RY-1 and RY-2	DfE
ks5_same_cons_0_2	in consortium in RY and RY-2	DfE
ks5_same_cons_0	consortium in RY only	DfE
ks5_same_cons_1	consortium in RY-1 only	DfE

ks5_same_cons_2	consortium in RY-2 only	DfE
ks5_amdflag	Shows when an amendment has been made to a pupil during the School & College Performance tables checking exercise.	DfE
ks5_amdflag_0	Shows when an amendment has been made to a pupil during the School & College Performance tables checking exercise.	DfE
ks5_ks4_year_calc	KS4_YEAR amended to be consistent with ReportYearFlag_0,_1,_2	DfE
ks5_entry_ga	Number of GCE A Level entries.	DfE
ks5_entry_gas	Number of GCE AS Level entries.	DfE
ks5_entry_gdas	Number of GCE AS Double Award Level entries.	DfE
ks5_entry_vgaa	Number of VCE/GCE Applied A Level entries.	DfE
ks5_entry_vgada	Number of VCE/GCE Applied Double Award Level entries.	DfE
ks5_entry_vgaas	Number of VCE/GCE Applied AS Level entries.	DfE
ks5_entry_k3	Number of Key Skills at Level 3 entries.	DfE
ks5_totents	Total number of GCE A Level and equivalent entries (A Level equivalencies).	DfE
ks5_alev	Candidate entered for GCE/Applied A level or Double Award in the reporting year	DfE
ks5_agen	Applied general cohort flag	DfE
ks5_tlev	tech level cohort flag	DfE
ks5_lev3thresh	Student achievement against level 3 threshold	DfE
ks5_pass2lv3	Student achieved equivalent of 2 A levels	DfE
ks5_totents_alev	Total size of candidates entries for A levels	DfE
ks5_totents_acad	Total size of candidates entries for academic quals	DfE
ks5_totents_agen	total entries for applied general qualifications	DfE
ks5_totents_tlev	total entries for tech level qualifications	DfE
ks5_totptse_alev	Total point score of candidates entries for A levels	DfE
ks5_totptse_acad	Total point score of candidates entries for academic quals	DfE
ks5_totptse_agen	total points for applied general qualifications	DfE

ks5_totptse_tlev	total points for tech level qualifications	DfE
ks5_entries_alev_b3	Number of A level (including Applied, not including AS level) entries for best 3 measure	DfE
ks5_include_b3	Best 3 measure: flag to include in measure	DfE
ks5_b3pts_b3	Points in best (up to) 3 A levels (not AS levels)	DfE
ks5_b3ptse_b3	Points in best (up to) 3 A levels (not AS levels) divided by 3	DfE
ks5_include_aab	AAB measure: flag to include in measure	DfE
ks5_entries_alev_aab	Number of A level (not AS level or applied) entries for AAB measure	DfE
ks5_a_fac_aab	Number of A*/A grades achieved at A level in facilitating subjects	DfE
ks5_b_fac_aab	Number of B grades achieved at A level in facilitating subjects	DfE
ks5_a_all_aab	Number of A*/A grades achieved at A level	DfE
ks5_b_all_aab	Number of B grades achieved at A level	DfE
ks5_aab_fac	Flag to say student has achieved AAB including 2 facilitating subjects in A levels only	DfE
ks5_grade_a3_all	Student achieved 3 or more A*/A grades at A level, applied A level single award, applied A level double award or applied A level/AS level combined award	DfE
ks5_grade_aab_all	Student achieved at least 3 A levels at grades AAB or better: includes A level, applied A level single award, applied A level double award and applied A level/AS level combined award	DfE
ks5_lev3thresh_alev	Student achievement against level 3 threshold in A level quals	DfE
ks5_lev3thresh_acad	Student achievement against level 3 threshold in academic quals	DfE
ks5_pass2lv3_alev	Student achieved equivalent of 2 A levels in A level quals	DfE
ks5_pass2lv3_acad	Student achieved equivalent of 2 A levels in academic quals	DfE
ks5_acad	Candidate entered for "Academic" Award equivalent to at least 1 A Level in size, in reporting year summer	DfE
ks5_extproj_achieved	Flag to say student has achieved the Extended project component of the Tech Bacc	DfE
ks5_coremaths_achieved	Flag to say student has achieved the Core maths component of the Tech Bacc	DfE
ks5_tlev_achieved	Flag to say student has achieved the Tech level component of the Tech Bacc	DfE
ks5_tech_bacc	Flag to say student has achieved the TechBacc	DfE
ks5_tlev_nodisc	Student belongs to non-discounted TLEV cohort	DfE

ks5_tlev_denom	Student belongs to non-discounted TLEV cohort not including AGEN	DfE
ks5_agen_nodisc	Student belongs to non-discounted AGEN cohort	DfE
ks5_agen_denom	Student belongs to non-discounted AGEN cohort not including TLEV	DfE
ks5_prior_pts_e	Highest pts by KS4 in English quals under PRIOR_E flag	DfE
ks5_nat_base_pts_e	Highest pts by KS4 in English quals under BASE_E flag (but excluding quals where GRADE = D and LITERATURE = 1)	DfE
ks5_nat_scope_e	Student in scope for English headline measure	DfE
ks5_nat_exclude_e	Students excluded from measure because NAT_BASE_pts_E is null (not 0, that is allowed)	DfE
ks5_nat_best_e_2	Highest pts in _2 under the PROGRESS_E_2 derived flag (if _2 after KS_YEAR_EM)	DfE
ks5_nat_best_e_1	Highest pts in _1 under the PROGRESS_E_1 derived flag (if _1 is after KS_YEAR_EM)	DfE
ks5_nat_best_e_0	Highest pts in _0 under the PROGRESS_E_0 derived flag (if _0 is after KS_YEAR_EM)	DfE
ks5_scope_e	Whether student remains in scope for English headline measure when accounting for new attainment post-KS4 in a different institution	DfE
ks5_base_pts_e	Revised baseline for English progress calculation, accounting for new attainment post-KS4 in a different institution	DfE
ks5_best_e	Subset of NAT_BEST_E_0,_1,_2, only including results where particular year including in line with COND value	DfE
ks5_progress_e	As per NAT_PROG_E except based on BEST_E and BASE_pts_E (and re-checking student still in scope using SCOPE_E)	DfE
ks5_onappren	Student is on apprenticeship	DfE
ks5_exempt_e_0	Exempt for English progress measure due to:	DfE
ks5_exempt_e_1	Exempt for English progress measure due to:	DfE
ks5_exempt_e_2	Exempt for English progress measure in RY -2 due to:	DfE
ks5_exempt_e	Checks EXEMPT_E_0,1,2 to determine student is Exempt for English progress measure due to:	DfE
ks5_prog_exempt_e	Checks for each different COND the student should be exempt for the progress / value-added calculation. Default position is to use the value in PROGRESS_E but this value can be overridden to NULL if the student should be exempted	DfE
ks5_additional_e	Selects highest entry at institution, LA and national level based on 7 conditions for students in scope and excluded.	DfE
ks5_no_entries_e	Student in scope for English measure but did not enter any approved exams	DfE
ks5_prior_pts_m	Highest pts by KS4 in maths quals under PRIOR_M flag	DfE

ks5_nat_base_pts_m	Highest pts by KS4 in maths quals under BASE_M flag	DfE
ks5_nat_scope_m	Student in scope for maths headline measure	DfE
ks5_nat_exclude_m	Students excluded from measure because NAT_BASE_pts_M is null (not 0, that is allowed)	DfE
ks5_nat_best_m_2	Highest pts in _2 under the PROGRESS_M_2 derived flag (if _2 after KS_YEAR_EM)	DfE
ks5_nat_best_m_1	Highest pts in _1 under the PROGRESS_M_1 derived flag (if _1 is after KS_YEAR_EM)	DfE
ks5_nat_best_m_0	Highest pts in _0 under the PROGRESS_M_0 derived flag (if _0 is after KS_YEAR_EM)	DfE
ks5_scope_m	Whether student remains in scope for maths headline measure when accounting for new attainment post-KS4 in a different institution	DfE
ks5_base_pts_m	Revised baseline for maths progress calculation, accounting for new attainment post-KS4 in a different institution	DfE
ks5_best_m	Subset of NAT_BEST_M_0,_1,_2, only including results where particular year including in line with COND value	DfE
ks5_progress_m	As per NAT_PROG_M except based on BEST_M and BASE_pts_M (and re-checking student still in scope using SCOPE_M)	DfE
ks5_exempt_m_0	Exempt for maths progress measure in RY due to:	DfE
ks5_exempt_m_1	Exempt for maths progress measure in RY-1 due to:	DfE
ks5_exempt_m_2	Exempt for maths progress measure in RY-2 due to:	DfE
ks5_exempt_m	Checks EXEMPT_M_0,1,2 to determine student is exempt for maths progress measure due to LDD or international prior attainment according to EFA (=1) or condition of funding does not apply (=2); else when not exempt or no data (=0)	DfE
ks5_prog_exempt_m	Checks for each different COND the student should be exempt for the progress / value-added calculation. Default position is to use the value in PROGRESS_M but this value can be overridden to NULL if the student should be exempted	DfE
ks5_additional_m	Selects highest entry at institution, LA and national level based on 7 conditions for students in scope and excluded.	DfE
ks5_no_entries_m	Student in scope for Mathematics measure but did not enter any approved exams	DfE
ks5_t_res_tlev	Number of tech level results in Completion and Attainment	DfE
ks5_t_pen_tlev	Number of tech level penalties in Completion and Attainment	DfE
ks5_t_aims_tlev	Number of tech level aims in Completion and Attainment	DfE
ks5_t_size_tlev	Total size of tech level aims in Completion and Attainment	DfE
ks5_t_points_diff_tlev	Number of points difference from national average over all tech level subjects	DfE
ks5_inscope_acad_ret	In scope for retention measure where core aim is an academic qualification	DfE

ks5_inscope_tlev_ret	In scope for retention measure where core aim is a tech level qualification	DfE
ks5_inscope_agen_ret	In scope for retention measure where core aim is an applied general qualification	DfE
ks5_inscope_alev_ret	In scope for retention measure where core aim is an A-level programme	DfE
ks5_retained_acad_ret	Completed academic core aim	DfE
ks5_retained_tlev_ret	Completed tech level core aim	DfE
ks5_retained_agen_ret	Completed applied general core aim	DfE
ks5_retained_alev_ret	Completed A-level core aim	DfE
ks5_techcert	Technical Certificate cohort flag	DfE
ks5_totptse_techcert	Sum of points in Technical Certificate qualifications	DfE
ks5_totents_techcert	Total entries in Technical Certificate qualifications	DfE
ks5_l2voc	Vocational qualifications at level 2 cohort flag	DfE
ks5_totptse_l2voc	Sum of points in vocational qualifications at level 2	DfE
ks5_totents_l2voc	Total entries in vocational qualification at level 2	DfE
ks5_l3_flag	Member of L3 attainment cohort	DfE
ks5_techcert_nodisc	Tech Cert measure numerator	DfE
ks5_l2voc_nodisc	Tech Cert measure denominator	DfE
ks5_l2_flag	Member of L2 attainment cohort	DfE
ks5_nat_scope_l3m	Student in scope for L3 maths measure	DfE
ks5_nat_scope_techbacc	Student has a TechBath_maths qual from KS4 (potentially moves student out of scope)	DfE
ks5_nat_best_l3m_2	Student achieved TechBacc maths qual in _2 (if _2 after KS4_YEAR_CALC)	DfE
ks5_nat_best_l3m_1	Student achieved TechBacc maths qual in _1 (if _1 after KS4_YEAR_CALC)	DfE
ks5_nat_best_l3m_0	Student achieved TechBacc maths qual in _0 (if _0 after KS4_YEAR_CALC)	DfE
ks5_best_l3m	Subset of NAT_BEST_L3M_2,_1,_0; only including results where particular year included in line with COND value	DfE
ks5_scope_l3m	Whether student remains in scope for L3 maths measure when accounting for (i) prior attainment of TechBacc maths in KS4 but	DfE

	not repeated post-16, (ii) attainment post-KS4 in an earlier [different] institution	
ks5_ach_l3m	Flag students in scope for measure who achieved approved L3 maths	DfE
ks5_t_res_l2voc	Number of level 2 vocational or tech cert results in Completion and Attainment	DfE
ks5_t_pen_l2voc	Number of level 2 vocational or tech cert penalties in Completion and Attainment	DfE
ks5_t_aims_l2voc	Number of level 2 vocational or tech cert aims in Completion and Attainment	DfE
ks5_t_size_l2voc	Total size of level 2 vocational or tech cert aims in Completion and Attainment	DfE
ks5_t_points_diff_l2voc	Number of points difference from national average over all level 2 vocational or tech cert subjects	DfE
ks5_t_res_techcert	Number of tech cert results in Completion and Attainment	DfE
ks5_t_pen_techcert	Number of tech cert penalties in Completion and Attainment	DfE
ks5_t_aims_techcert	Number of tech cert aims in Completion and Attainment	DfE
ks5_t_size_techcert	Total size of tech cert aims in Completion and Attainment	DfE
ks5_t_points_diff_techcert	Number of points difference from national average over all tech cert subjects	DfE
ks5_inscope_l2voc_ret	In scope for retention measure where core aim is a level 2 programme	DfE
ks5_inscope_techcert_ret	In scope for retention measure where core aim is a tech cert programme	DfE
ks5_retained_l2voc_ret	Completed a level 2 aim	DfE
ks5_retained_techcert_ret	Completed a tech cert aim	DfE
ks5_ret_assessed_acad	Retained and assessed with an academic core aim	DfE
ks5_ret_assessed_tlev	Retained and assessed with a tech level core aim	DfE
ks5_ret_assessed_agen	Retained and assessed with an applied general core aim	DfE
ks5_ret_assessed_alev	Retained and assessed with an A-level core aim	DfE
ks5_ret_assessed_techcert	Retained and assessed with a tech cert aim	DfE
ks5_ret_assessed_l2voc	Retained and assessed with a level 2 vocational aim	DfE
ks5_inscope_acad_2ndyr	In scope for returned and retained for a second year where core aim is an academic qualification	DfE
ks5_inscope_tlev_2ndyr	In scope for returned and retained for a second year where core aim is a tech level qualification	DfE



ks5_inscope_agen_2ndyr	In scope for returned and retained for a second year where core aim is an applied general qualification	DfE
ks5_inscope_alev_2ndyr	In scope for returned and retained for a second year where core aim is an A-level programme	DfE
ks5_retained_acad_2ndyr	Retained for a second year with an academic core aim	DfE
ks5_retained_tlev_2ndyr	Retained for a second year with a tech level core aim	DfE
ks5_retained_agen_2ndyr	Retained for a second year with an applied general core aim	DfE
ks5_retained_alev_2ndyr	Retained for a second year with an A-level core aim	DfE
ks5_points_ga	Points score contribution made by GCE A Levels.	DfE
ks5_points_gas	Points score contribution made by GCE AS Levels.	DfE
ks5_points_gdas	Points score contribution made by GCE AS Double Award Levels.	DfE
ks5_points_vgaa	Points score contribution made by VCE/GCE Applied A Levels.	DfE
ks5_points_vgada	Points score contribution made by VCE/GCE Applied Double Award Levels.	DfE
ks5_points_vgaas	Points score contribution made by VCE/GCE Applied AS Levels.	DfE
ks5_points_k3	Points score contribution made by Key Skills at Level 3.	DfE
ks5_totptse	Total GCE A Level and equivalent points score based on new QCA points.	DfE
ks5_gradea_ga	Number of GCE A Level qualifications at grade A or A*.	DfE
ks5_gradea_vgaa	Number of VCE/GCE Applied A Level qualifications at grade A or A*.	DfE
ks5_gradeaa_vgada	Number of GCE Applied Double Award Level qualifications at grade AA, A*A or A*A*.	DfE
ks5_gradeab_vgada	Number of VCE/GCE Applied Double Award Level qualifications at grade AB.	DfE
ks5_gradea_tot	Total number of GCE/GCE Applied A Level qualifications at grade A or A* and GCE Applied Double Award Level qualifications at grade AA, A*A or A*A* (A Level equivalencies).	DfE
ks5_passes_ga	Number of passes at GCE A Level.	DfE
ks5_passes_vgaa	Number of passes at VCE A Level.	DfE
ks5_passes_gas	Number of passes at GCE AS Level.	DfE
ks5_passes_gdas	Number of passes at GCE AS Double Award Level.	DfE
ks5_passes_vgaas	Number of passes at VCE/GCE Applied AS Level.	DfE

ks5_passes_vgada	Number of passes at VCE/GCE Applied Double Award Level.	DfE
ks5_passes_tot	Total number of GCE/VCE A/AS Level and GCE AS/VCE Double Award Level passes (A Level equivalencies).	DfE
ks5_ga_biology	Grade achieved at GCE A Level Biology.	DfE
ks5_ga_chemistry	Grade achieved at GCE A Level Chemistry.	DfE
ks5_ga_physics	Grade achieved at GCE A Level Physics.	DfE
ks5_ga_electronics	Grade achieved at GCE A Level Science: Electronics.	DfE
ks5_ga_env_sci	Grade achieved at GCE A Level Science: Environmental.	DfE
ks5_ga_geology	Grade achieved at GCE A Level Science: Geology.	DfE
ks5_ga_math	Grade achieved at GCE A Level Mathematics.	DfE
ks5_ga_math_pure	Grade achieved at GCE A Level Mathematics (Pure).	DfE
ks5_ga_math_stat	Grade achieved at GCE A Level Mathematics (Statistics).	DfE
ks5_ga_math_furt	Grade achieved at GCE A Level Mathematics (Further).	DfE
ks5_ga_math_addi	Grade achieved at GCE A Level Additional Mathematics.	DfE
ks5_ga_comp_stu	Grade achieved at GCE A Level Computer Studies/Computing.	DfE
ks5_ga_it	Grade achieved at GCE A Level Information Technology.	DfE
ks5_ga_bus	Grade achieved at GCE A Level Business Studies.	DfE
ks5_ga_ad	Grade achieved at GCE A Level Art and Design.	DfE
ks5_ga_ad_graph	Grade achieved at GCE A Level Art and Design (Graphics).	DfE
ks5_ga_ad_photo	Grade achieved at GCE A Level Art and Design (Photography).	DfE
ks5_ga_ad_texti	Grade achieved at GCE A Level Art and Design (Textiles).	DfE
ks5_ga_ad_three	Grade achieved at GCE A Level Art and Design (3-D Studies).	DfE
ks5_ga_ad_criti	Grade achieved at GCE A Level Art and Design (Critical Studies).	DfE
ks5_ga_fine_art	Grade achieved at GCE A Level Fine Art.	DfE
ks5_ga_hist_art	Grade achieved at GCE A Level History of Art.	DfE

ks5_ga_geog	Grade achieved at GCE A Level Geography.	DfE
ks5_ga_world_dev	Grade achieved at GCE A Level World Development.	DfE
ks5_ga_hist	Grade achieved at GCE A Level History.	DfE
ks5_ga_econ	Grade achieved at GCE A Level Economics.	DfE
ks5_ga_re	Grade achieved at GCE A Level Religious Studies.	DfE
ks5_ga_archae	Grade achieved at GCE A Level Archaeology.	DfE
ks5_ga_law	Grade achieved at GCE A Level Law.	DfE
ks5_ga_logic_phil	Grade achieved at GCE A Level Logic/Philosophy.	DfE
ks5_ga_gov_politics	Grade achieved at GCE A Level Government & Politics.	DfE
ks5_ga_psych_soc	Grade achieved at GCE A Level Psychology.	DfE
ks5_ga_soc	Grade achieved at GCE A Level Sociology.	DfE
ks5_ga_sco_sci_cit	Grade achieved at GCE A Level Social Science Citizenship.	DfE
ks5_ga_eng	Grade achieved at GCE A Level English.	DfE
ks5_ga_eng_lang	Grade achieved at GCE A Level English Language.	DfE
ks5_ga_eng_lit	Grade achieved at GCE A Level English Literature.	DfE
ks5_ga_drama	Grade achieved at GCE A Level Drama & Theatre Studies.	DfE
ks5_ga_communication	Grade achieved at GCE A Level Communication Studies.	DfE
ks5_ga_performing	Grade achieved at GCE A Level Performing Studies.	DfE
ks5_ga_media_film_tv	Grade achieved at GCE A Level Media/Film/Television Studies.	DfE
ks5_ga_film	Grade achieved at GCE A Level Film Studies.	DfE
ks5_ga_welsh_second	Grade achieved at GCE A Level Welsh Second Language.	DfE
ks5_ga_dutch	Grade achieved at GCE A Level Dutch.	DfE
ks5_ga_french	Grade achieved at GCE A Level French.	DfE
ks5_ga_german	Grade achieved at GCE A Level German.	DfE

ks5_ga_italian	Grade achieved at GCE A Level Italian.	DfE
ks5_ga_mod_greek	Grade achieved at GCE A Level Modern Greek.	DfE
ks5_ga_portuguese	Grade achieved at GCE A Level Portuguese.	DfE
ks5_ga_spanish	Grade achieved at GCE A Level Spanish.	DfE
ks5_ga_arabic	Grade achieved at GCE A Level Arabic.	DfE
ks5_ga_bengali	Grade achieved at GCE A Level Bengali.	DfE
ks5_ga_chinese	Grade achieved at GCE A Level Chinese.	DfE
ks5_ga_gujarati	Grade achieved at GCE A Level Gujarati.	DfE
ks5_ga_japanese	Grade achieved at GCE A Level Japanese.	DfE
ks5_ga_mod_hebrew	Grade achieved at GCE A Level Modern Hebrew.	DfE
ks5_ga_panjabi	Grade achieved at GCE A Level Punjabi.	DfE
ks5_ga_polish	Grade achieved at GCE A Level Polish.	DfE
ks5_ga_russian	Grade achieved at GCE A Level Russian.	DfE
ks5_ga_turkish	Grade achieved at GCE A Level Turkish.	DfE
ks5_ga_urdu	Grade achieved at GCE A Level Urdu.	DfE
ks5_ga_persian	Grade achieved at GCE A Level Persian.	DfE
ks5_ga_anc_hist	Grade achieved at GCE A Level Ancient History.	DfE
ks5_ga_class_civ	Grade achieved at GCE A Level Classical Civilisation.	DfE
ks5_ga_greek	Grade achieved at GCE A Level Greek.	DfE
ks5_ga_latin	Grade achieved at GCE A Level Latin.	DfE
ks5_ga_oth_class	Grade achieved at GCE A Level Other Classical Languages.	DfE
ks5_ga_music	Grade achieved at GCE A Level Music.	DfE
ks5_ga_music_tech	Grade achieved at GCE A Level Music Technology.	DfE
ks5_ga_pe	Grade achieved at GCE A Level Sport/Physical Education Studies.	DfE

ks5_ga_dance	Grade achieved at GCE A Level Dance.	DfE
ks5_ga_accounting	Grade achieved at GCE A Level Accounting/Finance.	DfE
ks5_ga_gen_stud	Grade achieved at GCE A Level General Studies.	DfE
ks5_ga_crit_think	Grade achieved at GCE A Level Critical Thinking.	DfE
ks5_ga_dt_food	Grade achieved at GCE A Level Design/Tech & Food Technology.	DfE
ks5_ga_dt_systems	Grade achieved at GCE A Level Design/Tech & Systems.	DfE
ks5_ga_dt_production	Grade achieved at GCE A Level Design/Tech & Production Design.	DfE
ks5_gas_biology	Grade achieved at GCE AS Level Biology.	DfE
ks5_gas_chemistry	Grade achieved at GCE AS Level Chemistry.	DfE
ks5_gas_physics	Grade achieved at GCE AS Level Physics.	DfE
ks5_gas_science	Grade achieved at GCE AS Level Science: Single award.	DfE
ks5_gas_electronics	Grade achieved at GCE AS Level Science: Electronics.	DfE
ks5_gas_env_sci	Grade achieved at GCE AS Level Science: Environmental.	DfE
ks5_gas_geology	Grade achieved at GCE AS Level Science: Geology.	DfE
ks5_gas_psych_sci	Grade achieved at GCE AS Level Psychology JMB/NEA.	DfE
ks5_gas_math	Grade achieved at GCE AS Level Mathematics.	DfE
ks5_gas_math_pure	Grade achieved at GCE AS Level Mathematics (Pure).	DfE
ks5_gas_math_stat	Grade achieved at GCE AS Level Mathematics (Statistics).	DfE
ks5_gas_math_furt	Grade achieved at GCE AS Level Mathematics (Further).	DfE
ks5_gas_math_addi	Grade achieved at GCE AS Level Additional Mathematics.	DfE
ks5_gas_comp_stu	Grade achieved at GCE AS Level Computer Studies/Computing.	DfE
ks5_gas_it	Grade achieved at GCE AS Level Information Technology.	DfE
ks5_gas_bus	Grade achieved at GCE AS Level Business Studies.	DfE
ks5_gas_ad	Grade achieved at GCE AS Level Art and Design.	DfE

ks5_gas_ad_graph	Grade achieved at GCE AS Level Art and Design (Graphics).	DfE
ks5_gas_ad_photo	Grade achieved at GCE AS Level Art and Design (Photography).	DfE
ks5_gas_ad_texti	Grade achieved at GCE AS Level Art and Design (Textiles).	DfE
ks5_gas_ad_three	Grade achieved at GCE AS Level Art and Design (3-D Studies).	DfE
ks5_gas_ad_criti	Grade achieved at GCE AS Level Art and Design (Critical Studies).	DfE
ks5_gas_fine_art	Grade achieved at GCE AS Level Fine Art.	DfE
ks5_gas_hist_art	Grade achieved at GCE AS Level History of Art.	DfE
ks5_gas_geog	Grade achieved at GCE AS Level Geography.	DfE
ks5_gas_world_dev	Grade achieved at GCE AS Level World Development.	DfE
ks5_gas_hist	Grade achieved at GCE AS Level History.	DfE
ks5_gas_econ	Grade achieved at GCE AS Level Economics.	DfE
ks5_gas_re	Grade achieved at GCE AS Level Religious Studies.	DfE
ks5_gas_archae	Grade achieved at GCE AS Level Archaeology.	DfE
ks5_gas_law	Grade achieved at GCE AS Level Law.	DfE
ks5_gas_logic_phil	Grade achieved at GCE AS Level Logic/Philosophy.	DfE
ks5_gas_gov_politics	Grade achieved at GCE AS Level Government & Politics.	DfE
ks5_gas_psych_soc	Grade achieved at GCE AS Level Psychology.	DfE
ks5_gas_soc	Grade achieved at GCE AS Level Sociology.	DfE
ks5_gas_sco_sci_cit	Grade achieved at GCE AS Level Social Science Citizenship.	DfE
ks5_gas_eng	Grade achieved at GCE AS Level English.	DfE
ks5_gas_eng_lang	Grade achieved at GCE AS Level English Language.	DfE
ks5_gas_eng_lit	Grade achieved at GCE AS Level English Literature.	DfE
ks5_gas_drama	Grade achieved at GCE AS Level Drama & Theatre Studies.	DfE
ks5_gas_communication	Grade achieved at GCE AS Level Communication Studies.	DfE

ks5_gas_performing	Grade achieved at GCE AS Level Performing Studies.	DfE
ks5_gas_media_film_tv	Grade achieved at GCE AS Level Media/Film/Television Studies.	DfE
ks5_gas_film	Grade achieved at GCE AS Level Film Studies.	DfE
ks5_gas_welsh_second	Grade achieved at GCE AS Level Welsh Second Language.	DfE
ks5_gas_dutch	Grade achieved at GCE AS Level Dutch.	DfE
ks5_gas_french	Grade achieved at GCE AS Level French.	DfE
ks5_gas_german	Grade achieved at GCE AS Level German.	DfE
ks5_gas_italian	Grade achieved at GCE AS Level Italian.	DfE
ks5_gas_mod_greek	Grade achieved at GCE AS Level Modern Greek.	DfE
ks5_gas_portuguese	Grade achieved at GCE AS Level Portuguese.	DfE
ks5_gas_spanish	Grade achieved at GCE AS Level Spanish.	DfE
ks5_gas_arabic	Grade achieved at GCE AS Level Arabic.	DfE
ks5_gas_bengali	Grade achieved at GCE AS Level Bengali.	DfE
ks5_gas_chinese	Grade achieved at GCE AS Level Chinese.	DfE
ks5_gas_gujarati	Grade achieved at GCE AS Level Gujarati.	DfE
ks5_gas_japanese	Grade achieved at GCE AS Level Japanese.	DfE
ks5_gas_mod_hebrew	Grade achieved at GCE AS Level Modern Hebrew.	DfE
ks5_gas_panjabi	Grade achieved at GCE AS Level Punjabi.	DfE
ks5_gas_polish	Grade achieved at GCE AS Level Polish.	DfE
ks5_gas_russian	Grade achieved at GCE AS Level Russian.	DfE
ks5_gas_turkish	Grade achieved at GCE AS Level Turkish.	DfE
ks5_gas_urdu	Grade achieved at GCE AS Level Urdu.	DfE
ks5_gas_persian	Grade achieved at GCE AS Level Persian.	DfE
ks5_gas_anc_hist	Grade achieved at GCE AS Level Ancient History.	DfE

ks5_gas_class_civ	Grade achieved at GCE AS Level Classical Civilisation.	DfE
ks5_gas_greek	Grade achieved at GCE AS Level Greek.	DfE
ks5_gas_latin	Grade achieved at GCE AS Level Latin.	DfE
ks5_gas_oth_class	Grade achieved at GCE AS Level Other Classical Languages.	DfE
ks5_gas_music	Grade achieved at GCE AS Level Music.	DfE
ks5_gas_music_tech	Grade achieved at GCE AS Level Music Technology.	DfE
ks5_gas_pe	Grade achieved at GCE AS Level Sport/Physical Education Studies.	DfE
ks5_gas_dance	Grade achieved at GCE AS Level Dance.	DfE
ks5_gas_accounting	Grade achieved at GCE AS Level Accounting/Finance.	DfE
ks5_gas_gen_stud	Grade achieved at GCE AS Level General Studies.	DfE
ks5_gas_crit_think	Grade achieved at GCE AS Level Critical Thinking.	DfE
ks5_gas_dt_food	Grade achieved at GCE AS Level Design/Tech & Food Technology.	DfE
ks5_gas_dt_systems	Grade achieved at GCE AS Level Design/Tech & Systems.	DfE
ks5_gas_dt_production	Grade achieved at GCE AS Level Design/Tech & Production Design.	DfE
ks5_gdas_ad	Grade achieved at GCE AS Double Award Level Applied Art and Design	DfE
ks5_gdas_bus	Grade achieved at GCE AS Double Award Level Applied Business.	DfE
ks5_gdas_heal_soc	Grade achieved at GCE AS Double Award Level Health and Social Care.	DfE
ks5_gdas_science	Grade achieved at GCE AS Double Award Level Applied Science.	DfE
ks5_gdas_ict	Grade achieved at GCE AS Double Award Level Applied ICT.	DfE
ks5_gdas_trav_tour	Grade achieved at GCE AS Double Award Level Travel and Tourism.	DfE
ks5_vgaa_ad	Grade achieved at GCE Applied A Level Applied Art and Design.	DfE
ks5_vgaa_bus	Grade achieved at GCE Applied A Level Applied Business	DfE
ks5_vgaa_heal_soc	Grade achieved at GCE Applied A Level Health and Social Care.	DfE
ks5_vgaa_science	Grade achieved at GCE Applied A Level Applied Science.	DfE



ks5_vgaa_engineering	Grade achieved at GCE Applied A Level Applied Engineering.	DfE
ks5_vgaa_ict	Grade achieved at GCE Applied A Level Applied ICT.	DfE
ks5_vgaa_media	Grade achieved at GCE Applied A Level Media: Communication and Production.	DfE
ks5_vgaa_performing	Grade achieved at GCE Applied A Level Performing Arts.	DfE
ks5_vgaa_leis_recr	Grade achieved at GCE Applied A Level Leisure and Recreation.	DfE
ks5_vgaa_trav_tour	Grade achieved at GCE Applied A Level Travel and Tourism.	DfE
ks5_vgaas_bus	Grade achieved at GCE Applied AS Level Applied Business.	DfE
ks5_vgaas_heal_soc	Grade achieved at GCE Applied AS Level Health and Social Care.	DfE
ks5_vgaas_engineering	Grade achieved at GCE Applied AS Level Applied Engineering.	DfE
ks5_vgaas_ict	Grade achieved at GCE Applied AS Level Applied ICT.	DfE
ks5_vgada_ad	Grade achieved at GCE Applied Double Award Level Applied Art and Design.	DfE
ks5_vgada_bus	Grade achieved at GCE Applied Double Award Level Applied Business.	DfE
ks5_vgada_heal_soc	Grade achieved at GCE Applied Double Award Level Health and Social Care.	DfE
ks5_vgada_science	Grade achieved at GCE Applied Double Award Level Applied Science.	DfE
ks5_vgada_ict	Grade achieved at GCE Applied Double Award Level Applied ICT.	DfE
ks5_vgada_trav_tour	Grade achieved at GCE Applied Double Award Level Travel and Tourism.	DfE
ks5_version	Data version.	DfE
ethnicgroupminor	Pupil Ethnicity (SPR ACADYR)	DfE
ethnicgroupmajor	Pupil Ethnicity - Major (SPR ACADYR)	DfE
senprovision	Pupil SEN stage (SPR ACADYR)	DfE
senprovisionmajor	Pupil SEN stage - Major (SPR ACADYR)	DfE
idacirank_15	Deprivation indicator (2015) - Income Deprivation Affecting Children Index (IDACI) rank - output from PT pupil file (SPR ACADYR)	DfE
idacirank_19	Deprivation indicator (2019) - Income Deprivation Affecting Children Index (IDACI) rank - output from PT pupil file (SPR ACADYR)	DfE
fsmeligible	Is pupil known to be eligible for FSM?	DfE

languagegroupmajor	Language Group (SPR ACADYR)	DfE
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## 4.13 School characteristics data<sup>10</sup>

We used the result of the updated linked data to provide school characteristics information for 2004-2017. Using the LEASIS files publicly available, a set of files were created containing derived school level information for the linked MCS cohort. School characteristics data are available in two files per school year for all linked participants, containing:

1. MCS\_DERIVED\_SCHOOL\_CHAR\_20xx contains school information for school MCS member attended in year 20xx as shown in Table 10.
2. MCS\_DERIVED\_SCHOOL\_CHANGE\_20xx (Schools were linked prior to anonymisation and binary indicators were created for whether the pupil attended a different school compared to the previous year 20xx-1). This is shown in Table 11.

The school change datasets are derived by merging the school census information with the school panel information and retrieval of information where the URN has changed between successive academic years. These datasets have been revised for this latest deposit update as it was discovered that the reporting of academic years was inconsistently applied within the publicly held information. In addition, the source data contained several cases of missing information such as school names, postcodes, school type etc. across the range of years. These have now been updated using a download of establishment data from 'Get information about schools'. Please note that the reporting period of the school panel is 1<sup>st</sup> September to 31<sup>st</sup> August. This differs from the school census in that the census date for the latter is the third week of January. Hence there may be cases not reported within the period after this date.

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<sup>10</sup> Please note that consistency of outcomes may vary over time due to absence of information (i.e. certain source variables are not available in that year) or changes in the way data is reported.

**Table 11: Variables in the school characteristics dataset**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
URN_ANON_xx	School unique reference number (anonymised)	CLS
GENDER_xx	Sex of school (male, female, mixed)	CLS
SCHOOL_PHASE_xx	Phase of education based on the number of pupils of each age (Nursery only: School has children aged 0-4 Infant only: School has children aged 5-7 Junior only: School has children aged 8-11 Secondary only: School has children aged 12-16 College only: School has children aged 17-19 Infant and junior: School has children aged 5-11 Middle (junior and secondary): School has children aged 8-16 All through (infant to secondary): School has children aged 5-16 Other: School has children outside the age range 0-16)	CLS
AGEENTRY_xx	Age of youngest pupil at school	CLS
SCHOOL_TYPE_xx	School type (Academy, community, foundation, independent, voluntary aided, and voluntary controlled).	CLS
SPECIAL_SCHOOL_xx	Special school indicator. (Community special, foundation special, free school special, special converter, academy special converter, independent approved for SEN pupils, non-maintained special, other independent special, maintained special (excluding general hospital), academy sponsored special, academy special sponsor led, maintained special)	CLS
PCT_FSM_xx	Percentage of children eligible for free school meals (deciles)	CLS
PCT_EAL_xx	Percentage of children with English as an additional language (deciles)	CLS
PCT_SEN_ST_xx	Percentage of children with special educational needs with statement (deciles)	CLS
PCT_SEN_NO_ST_xx	Percentage of children with special educational needs without statement (deciles)	CLS
FTE_xx	Number of full-time pupils registered at schools reported in LEASIS file (grouped)	CLS
NENTRY_xx	Number of pupils in entry year (grouped). Not available from 2015	CLS
NCLASSENTRY_xx	Number of classes/forms in entry year. Not available from 2015	CLS

**Table 12: Variables in the school change dataset**

Variable Name	Description	Source
MCSID	MCS Research ID - Anonymised Family/Household identifier	CLS
CNUM	Cohort member number within an MCS family	CLS
URN_ANON_xx	School unique reference number (anonymised)	CLS
SAME_SCHOOL_20xx	<p>Whether school attended is the same as in previous year 20xx-1.            URNs are compared for 20xx and 20xx-1 and a flag is given if URNs exist for both years.            Categories:            (0) Same school since previous year            (1) Changed school since previous year            (2) URN has changed since previous year</p> <p>This variable is derived from the consistent data panel of schools. See Appendix A.</p>	CLS
The outcomes of the following variables are applicable if SAME_SCHOOL_20xx has a value of (2)		
SPLIT_20xx	School has new URN because it split from another school since 20xx-1	CLS
AMALG_20xx	School has new URN because it merged with other schools since 20xx-1	CLS
CHANGE_PCODE_20xx	School has new URN because it changed postcode since 20xx-1	CLS
CHANGE_SCHOOL_NAME_20xx	School has new URN because it changed name since 20xx-1	CLS
CHANGE_SCHOOL_PHASE_20xx	School has new URN because it changed phase since 20xx-1	CLS
CHANGE_SCHOOL_TYPE_20xx	School has new URN because it changed type since 20xx-1	CLS
CHANGE_ACADEMY_20xx	School has new URN because it became an academy since 20xx-1	CLS
CHANGE_NENTRY_20xx	<p>School has new URN because its entry year pupil intake has changed by at least 30 since 20xx-1            Not available from 2015</p>	CLS
CHANGE_GENDER_20xx	School has new URN because it changed gender status since 20xx-1	CLS

## 4.14 Output Disclosure Control

### UK Data Service requirements

The linked MCS NPD data are only available via the UK Data Service Secure Lab. Access to this data is controlled and the UK Data Service will always perform a certain level of disclosure control on the outputs generated by researchers, as outlined in their SDC Handbook which can be downloaded from:

[securedatagroup.org/sdc-handbook/](https://securedatagroup.org/sdc-handbook/)

The two UK Data Service Secure Lab rules of thumb that will be applied to all outputs are:

- Threshold rule: No cells should contain less than 10 observations
- Dominance rule: No observation should dominate the data to a huge extent

### DfE requirements

- Any published NPD figure(s) at a local level must be based on no fewer than 3 cases or else suppressed (e.g. replaced with an X, with a note “\* in this table means the figures have been suppressed due to small numbers”. Zero is allowed).
- Any published NPD figure(s) at a school level from 2011 onwards must be based on no fewer than 6 cases or else suppressed (e.g. replaced with an X, with a note “\* in this table means a figure less than 6”. Zero is allowed).
- Any published figures at school level for years prior to 2011 must be based on no fewer than 11 cases or else suppressed (e.g. replaced with an X, with a note “\* in this table means a figure less than 11”. Zero is allowed).
- Even if only one cell requires cell suppression, you must suppress at least one other component cell (the next smallest) to avoid calculation of suppressed values from the totals.

# Appendix A: Data panel of schools

## Overview

The school database is designed to link school identifiers over time, to aid researchers. Examples of uses include creating a panel of academic attainment (or other characteristics) at the school-level, tracking schools that convert to academy (or change status in another way) and linking to external sources of school data. The database is from the academic year 1998/1999 to 2016/2017. 2016/2017 is the latest year of school census data currently available. The panel was initially created by Ellen Greaves with Lorraine Dearden (for academic years 2005/2006 to 2013/2014). The three most recent cohorts were added by Ellen Greaves.

## Structure of the panel

Each row contains a URN, URN and LAESTAB for each academic year. School names for the most recent years are included. More detail follows.

**URN:** each URN that ever appears in the school database will have a row in the school database. This is so that researchers can use this URN variable to link to their data. For example, the following school changes from 100222 to 121792 in 2005/2006.

urn	...	urn_2004	urn_2005	urn_2006	urn_2007	urn_2008	...
100222		100222	100222	121792	121792	121792	
121792		100222	100222	121792	121792	121792	

Where a school merges, the urn of the merged school will be repeated to show the two (or more) linked predecessors. For example, the following schools merge in 2001/2002.

urn	...	urn_2000	urn_2001	urn_2002	urn_2003	urn_2004	...
100123		100123	100123	132827	132827	132827	
100124		100124	100124	132827	132827	132827	

132827		100123	100123	132827	132827	132827	
132827		100124	100124	132827	132827	132827	

Where a school splits, the urn of the school that splits will be repeated to show the linked successor. For example, the following schools split in 2006/2007.

urn	...	urn_2004	urn_2005	urn_2006	urn_2007	urn_2008	...
101150		101150	101150	101150	130912	130912	
101150		101150	101150	101150	131262	131262	
130912		101150	101150	101150	130912	130912	
131262		101150	101150	101150	131262	131262	

Where a school opens without a predecessor or closes without a successor there will be missing values whenever the school is not open. The examples below show one school that opens and one school that closes in 2008/2009.

urn	...	urn_2006	urn_2007	urn_2008	urn_2009	urn_2010	...
102707		102707	102707	102707	.	.	
135148		.	.	.	135148	135148	

## Using the school database

The school database can be used in a number of ways.

### Look-up

The simplest is to lookup individual or a small number of schools. For example `-br if inlist(urn, 101150)` - would show the URNs and laestabs over time for the school in example three. This might be useful for schools in a small scale pilot, or to check some existing data.

## Tracking schools that change status

Changes in URN or laestab can be easily identified in the school panel (see example code below). Whether this change relates to a change in status (for example academy conversion) could be validated by linking in data on school type from the most recent version of Edubase. See following section for linking to other sources.

Code for changes:

```
gen change_2006 = urn_2006 != urn_2005
replace change_2006 = . if urn_2006 == . | urn_2005 == .
label var change_2006 "School changed URN between 2005 and 2006"
```

## Linking to external sources of data

Researchers often have to link sources of data to create their desired dataset for analysis. A common example is linking Ofsted grades to school performance data or the National Pupil Database. As school identifiers can change mid-way through the year this can be problematic. For example, the URN in the Ofsted data may be from October when the school was inspected, but the URN in the school performance data may be from June, after the school had changed status. The school database can be used to attempt to link on adjacent URNs, for example.

### Code for linking to external sources of data:

1. Create unique URN in the external data, by dropping duplicates (collapsing to school level from pupil level) or reshaping.
2. Link main dataset to the school database. Keep adjacent URNs. For example if the external data are from 2014 keep urn\_2013 and urn\_2015 in addition to urn\_2014.
3. Link main dataset to the external data using urn\_2014. If unmerged, link using urn\_2013 and repeat using urn\_2015.

## Creating a school panel

A panel dataset is common in applied research to analyse changes over time or account for time invariant school characteristics (school fixed effects). Creating such a panel is complicated by changes in the URN over time. The following code shows one way to create a panel. The initial data is at the individual level with multiple academic years.

1. collapse pupil-level data to school level URNs



```

keep urn censusyear
duplicates drop
sort urn censusyear
save "$filepath/urn_censusyear.dta", replace

```

**2. link school-level URNs to school database and extract the latest URN. This is done year by year so that can use a -1:m merge-in step 4. Save this link.**

```

forvalues year = 2010/2015 {
  preserve
  keep if censusyear == `year'
  merge 1:m urn using "$filepath\data_panel_2017.dta"
  tab urn if _me == 1
  drop if _me == 2
  gen urn_newest = urn_2017
  foreach yearrepeat in 2016 2015 2014 2013 2012 2011 2010 {
    replace urn_newest = urn_`yearrepeat' if urn_newest == .
  }
  keep urn censusyear urn_newest
  duplicates drop
  save "$filepath\urn_newest_`year'.dta", replace
  restore
}

```

**3. Append all years together. This is so can use a -1:m merge-in step 4.**

```

use "$filepath\urn_newest_2010.dta", clear
forvalues year = 2011/2015 {
  append using "$filepath\urn_newest_`year'.dta"
}
save "$filepath\urn_newest.dta", replace

```

**4. merge the link to newest URN back into the existing data to create panel**

```

use "$filepath\urn_censusyear.dta", clear
merge 1:m urn censusyear using "$filepath\urn_newest.dta"
assert _me == 3
drop _merge

```

***Example of new data***

censusyear	urn	urn_newest
2010	108217	133758
2011	108217	133758
2012	133758	133758
2013	133758	133758
2014	133758	133758
2015	133758	133758

**5. Check which URN is correct for your context for schools that split.**

For example, school 137798 (Bluecoat Academy) splits into 145145 (Bluecoat Primary Academy) and 145146 (Bluecoat Wollaton Academy) in 2017. Whether the

panel should track attainment for Bluecoat Primary Academy or Bluecoat Wollaton Academy, or whether to drop this school entirely from the sample is a decision for the researcher.

(Note that Bluecoat Academy had converted from The Nottingham Bluecoat School and Technology College (122894) in 2012.)

censusyear	urn	urn_newest
2010	122894	145145
2011	122894	145145
2012	137798	145145
2013	137798	145145
2014	137798	145145
2015	137798	145145
2010	122894	145146
2011	122894	145146
2012	137798	145146
2013	137798	145146
2014	137798	145146
2015	137798	145146

## Appendix B: Data sources

School database (1999-2014). Made available by CLOSER.

All schools (updated daily) and all links

[get-information-schools.service.gov.uk/Downloads](https://get-information-schools.service.gov.uk/Downloads)

Spine (census) for each academic year

[compare-school-performance.service.gov.uk/download-data](https://compare-school-performance.service.gov.uk/download-data)

NPD Data Tables

[gov.uk/government/uploads/system/uploads/attachment\\_data/file/661132/NPD\\_Data\\_Tables\\_Oct17.xlsx](https://gov.uk/government/uploads/system/uploads/attachment_data/file/661132/NPD_Data_Tables_Oct17.xlsx)