



England

National Child Measurement Programme

Enhanced dataset: user guide

What is the enhanced dataset?

A local authority's enhanced dataset contains the record-level data that they have submitted for the NCMP along with additional fields such as: geographic fields based on child postcode (if provided) and school postcode and derived fields such as BMI centile.

The dataset will not contain records for children who reside within the local authority but who had their data submitted by another local authority (i.e. children attending schools outside their local authority).

A list of the enhanced dataset's fields and associated descriptions is provided in annex A with further details on the geographic fields in annex B.

What is the enhanced dataset for?

The enhanced dataset can be used by local authorities to carry out analyses to inform their work to tackle obesity. Guidance on the use of NCMP data is available [here](#).

When is the enhanced dataset available?

The enhanced dataset is usually made available in December following the end of the collection year, for a period of around six months, until it is deleted from the NCMP IT system in line with data security requirements. After this point the only data available will be as held by NHS England in the anonymised national dataset. The national dataset does not contain details such as child name, address and date of birth. Consequently it is important that local authorities download and securely store their enhanced datasets because only a subset of the dataset, with a reduced set of data items, will be available following the purge of it from the NCMP IT system.

Local authorities who fail to download their data before it is purged and request a copy of the anonymised data from NHS England may be subject to a charge levied on a cost recovery basis.

We will send out a reminder email before deleting data.

How to access the enhanced dataset

The enhanced dataset is made available to download via the NCMP IT system once NHS England has completed validation. At this point all registered users of the NCMP IT system are informed by email that the dataset is available.

For data security reasons only users who hold the system role of NCMP Lead will be able to download their local authority's enhanced NCMP dataset. Guidance on downloading the enhanced dataset is available [here](#).

How to store the enhanced dataset

The dataset contains sensitive person identifiable data and should be stored securely in line with information governance requirements. The local authority is responsible for allowing

access to the enhanced dataset where there is a clear business need and in line with the requirements of the Data Protection Act 1998.

Annex A

Enhanced NCMP dataset: fields and descriptions

The fields below are provided in your LA's enhanced dataset. Geographic fields are provided based upon pupil postcode and school postcode. The field name reflects this: pupil-based fields start with "Pupil" and school-based fields start "School".

Field name	Description
SubmitterLocalAuthorityCode	Code of the local authority that submitted the data
SubmitterLocalAuthorityName	Name of the local authority that submitted the data
SubmitterRegionCode	Code of region that the submitting LA is in
SubmitterRegionName	Name of region that the submitting LA is in
NCMPSystemId	Unique system code for each record
PupilReference	The local authority's own pupil reference code
NHSNumber	NHS number
FirstName	Pupil first name
LastName	Pupil last name
Sex	Pupil sex
DateOfBirth	Pupil date of birth
AgeInMonths	Pupil age in months on date of measurement
SchoolYear	The school year that the pupil is in (Reception or Year 6)
Ethnicity	Ethnicity code as provided by the local authority
NHSEthnicCode	Ethnicity code mapped to NHS ethnicity code
NHSEthnicDescription	Ethnicity code mapped to NHS ethnicity description
NCMPEthnicity	Ethnicity code mapped to NCMP ethnicity category
Height	Pupil height (cm)
HeightZScore	Number of standard deviations the height is above or below the mean
HeightPScore	Height centile
Weight	Pupil weight (kg)
WeightZScore	Number of standard deviations the weight is above or below the mean
WeightPScore	Weight centile
Bmi	Pupil body mass index
BmiZScore	Number of standard deviations the BMI is above or below the mean
ClinicalBMICategory	BMI category based on clinical thresholds
GroupedClinicalBMICategory	BMI category based on clinical thresholds grouped to combine "overweight" and "very overweight"
BmiCentile(PScore)	BMI centile
PopulationBMICategory	BMI category based on population thresholds ²
GroupedPopulationBMICategory	BMI category based on population thresholds grouped to combine "overweight" and "very overweight"
DateOfMeasurement	Date pupil was measured
DayOfMeasurement	Day of measurement
MonthOfMeasurement	Month of measurement
NonMeasurementReasonCode	Non-measurement reason code
NonMeasurementReasonDescription	Non-measurement reason description

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FeedbackDateSent	Date that feedback extract for parental letter was generated (if generated)
Address1	Pupil address
Address2	Pupil address
Address3	Pupil address
Address4	Pupil address
Address5	Pupil address
Postcode	Pupil postcode
Notes	Notes about pupil
ParentTelephone	Parent telephone number
ParentEmail	Parent email address
SchoolUrn	6 digit DfE school reference number
SchoolName	School name
SchoolPostcode	School postcode
NcmpSchoolType	Category assigned by NHS England. Records from state schools are included in national analyses and records from independent schools are excluded
PupilSchoolPostcodeDistance	Distance in km between child's home and school
PupilGovernmentOfficeRegion	Region (formerly GOR)
PupilGovernmentOfficeRegionCode	GOR Code
PupilGovernmentOfficeRegionName	GOR Name
Pupil2001CensusOutputArea	Census output area 2001
Pupil2001LowerSuperOutputArea	Lower Super Output Area 2001
Pupil2001MiddleSuperOutputArea	Middle Super Output Area 2001
Pupil2011CensusOutputArea	Census output area 2011
Pupil2011LowerSuperOutputArea	Lower Super Output Area 2011
Pupil2011MiddleSuperOutputArea	Middle Super Output Area 2011
Pupil2021CensusOutputArea	Census output area 2021
Pupil2021LowerSuperOutputArea	Lower Super Output Area 2021
PupilNationalGridReferenceNorthing	National Grid Reference (100m) - Northing
PupilNationalGridReferenceEasting	National Grid Reference (100m) - Easting
PupilElectoralWard	Electoral ward
PupilUrbanRuralIndicator	Rural/Urban Definition
PupilUrbanRuralDescription	Rural/Urban Definition
PupilUrbanRuralGroup	Rural/Urban Definition grouping "sparse" and "less sparse" together
PupilTier1LocalAuthorityCode	Upper tier local authority code
PupilTier1LocalAuthorityName	Upper tier local authority name
PupilTier2LocalAuthorityCode	Lower tier local authority code
PupilTier2LocalAuthorityName	Lower tier local authority name
PupilIndexOfMultipleDeprivationScore	Index of multiple deprivation
PupilIndexOfMultipleDeprivationDecile	Index of multiple deprivation
PupilOnsSupergroupCode	ONS area classification
PupilOnsSupergroupDescription	ONS area classification
PupilOnsGroupCode	ONS area classification
PupilOnsGroupDescription	ONS area classification
PupilOnsSubgroupCode	ONS area classification
PupilOnsSubgroupDescription	ONS area classification
SchoolGovernmentOfficeRegion	Region (formerly GOR)

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SchoolGovernmentOfficeRegionCode	GOR Code
SchoolGovernmentOfficeRegionName	GOR Name
School2001CensusOutputArea	Census output area 2001
School2001LowerSuperOutputArea	Lower Super Output Area 2001
School2001MiddleSuperOutputArea	Middle Super Output Area 2001
School2011CensusOutputArea	Census output area 2011
School2011LowerSuperOutputArea	Lower Super Output Area 2011
School2011MiddleSuperOutputArea	Middle Super Output Area 2011
School2021CensusOutputArea	Census output area 2021
School2021LowerSuperOutputArea	Lower Super Output Area 2021
SchoolNationalGridReferenceNorthing	National Grid Reference (100m) - Northing
SchoolNationalGridReferenceEasting	National Grid Reference (100m) - Easting
SchoolElectoralWard	Electoral ward
SchoolUrbanRuralIndicator	Rural/Urban Definition
SchoolUrbanRuralDescription	Rural/Urban Definition
SchoolUrbanRuralGroup	Rural/Urban Definition grouping "sparse" and "less sparse" together
SchoolTier1LocalAuthorityCode	Upper tier local authority code
SchoolTier1LocalAuthorityName	Upper tier local authority name
SchoolTier2LocalAuthorityCode	Lower tier local authority code
SchoolTier2LocalAuthorityName	Lower tier local authority name
SchoolIndexOfMultipleDeprivationScore	Index of multiple deprivation
SchoolIndexOfMultipleDeprivationDecile	Index of multiple deprivation
SchoolOnsSupergroupCode	ONS area classification
SchoolOnsSupergroupDescription	ONS area classification
SchoolOnsGroupCode	ONS area classification
SchoolOnsGroupDescription	ONS area classification
SchoolOnsSubgroupCode	ONS area classification
SchoolOnsSubgroupDescription	ONS area classification
DQFlagCode	Data quality flag code
DQFlagDescription	Data quality flag description
ExtremeBmiWarning	States if pupil is "Very thin" (BMI centile ≤ 0.4) or "Severely obese" (BMI centile ≥ 99.6)

Annex B

Geographic fields: further information

Electoral wards are the areas defined for the election of local councillors. These can be used for presenting statistics at a smaller scale than the whole district.

Index of multiple deprivation measures relative deprivation in small areas in England called lower super output areas (see Output areas exaction below). Further details are available [here](#).

National Grid Reference is the map reference system used on all Ordnance Survey maps to identify the position of any feature. Further details are available [here](#).

ONS area classifications provide an area-related context for analysis, based on the population characteristics. Classifications have been produced at three hierarchical levels: supergroup, group and subgroup. Further details are available [here](#).

Output areas

Census output areas (OA) are the lowest geographical level at which census estimates are provided. These OAs are grouped to form **lower super output areas (LSOA)** which in turn are grouped to form **middle upper output areas (MSOA)**. There are now 181,408 OAs, 34,753 LSOAs and 7,201 MSOAs in England and Wales. Further details are available [here](#).

Rural/Urban Definition defines the rurality of very small census based geographies. Census Output Areas forming settlements with populations of over 10,000 are urban, while the remainder are defined as one of three rural types: town and fringe, village or hamlet and dispersed. Further details are available [here](#). **Note: for datasets from 2023/24 onwards these fields¹ will be blank as they are no longer available.**

¹ PupilUrbanRuralIndicator, PupilUrbanRuralDescription, PupilUrbanRuralGroup, SchoolUrbanRuralIndicator, SchoolUrbanRuralDescription, SchoolUrbanRuralGroup

Information and technology for better health and care

NCMP IT system guidance

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