

Requirements for the Calculation of Results in Summer 2020

GCE (AS/A level), GCSE, Extended Project and
Advanced Extension Award Qualifications

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Summer 2020 Requirements

Condition GQCov3.2(a)(i) allows us to specify requirements and guidance in relation to the calculation of results to be issued for GQ Qualifications in summer 2020.

This document, together with the annexes to it, sets out our requirements for the purposes of Condition GQCov3.2(a)(i).

An awarding organisation must comply with these requirements in calculating each result for a GQ Qualification¹ that it issues under Condition GQCov3.1.

Under Condition GQCov1.6, where there is any inconsistency between the requirements set under Condition GQCov3.2(a)(i) and a requirement elsewhere in our regulatory framework, an awarding organisation must comply with the former.

For clarity, and without prejudice to the generality of Condition GQCov1.6, in respect of results issued under Condition GQCov3.1, an awarding organisation is not required to comply with existing requirements published under the following conditions, save where those requirements set out the relevant specified levels of attainment (grades) to be used –

- a) in relation to advanced extension awards, Condition AEA3.1,
- b) in relation to extended project qualifications,² Condition Project3.1,
- c) in relation to pre-reform GCE qualifications, Condition GCE(Pre-reform)2.1(b),
- d) in relation to post-reform GCE Qualifications, Condition GCE9.1, and
- e) in relation to post-reform GCSE Qualifications, Condition GCSE9.1.

Condition GQCov3.2(a)(i) allows us to supplement the requirements set out in this document and its annexes with particular specifications. This allows for the possibility that, because of the unique situation for results in summer 2020, some technical amendments may need to be made with respect to these requirements as they are worked through by awarding organisations.

Throughout these requirements, reference is made to a 'subject'. By this is meant a particular GQ Qualification (e.g. GCSE English language), or a particular GQ Qualification awarded with specific endorsements (e.g. A level design and

¹ GQ Qualifications are: advanced extension awards (AEA); extended project qualifications; pre- and post-reform GCE qualifications, and; post-reform GCSE qualifications.

² An extended project qualification is a level 3 project qualification. Level 1 and 2 project qualifications do not fall within the definition of a GQ Qualification and the GQCov framework does not apply to them.

technology: fashion and textiles) as set out in Annex A.

Unless otherwise stated, these requirements do not apply to the Award Scheme Development and Accreditation Network (ASDAN).

The process to be used in summer 2020

In respect of a GQ Qualification which it makes available, an awarding organisation must follow the process set out below in order to calculate each result issued under Condition GQCov3.1 –

1. Save where specified in (a) and (b) below, together with the other awarding organisations offering GQ Qualifications, an awarding organisation must construct a collective historical Learner level dataset in line with the requirements specified in Annex B. This requirement does not apply to the following qualifications –
 - a. For Advanced Extension Awards, Pearson Education Ltd (Pearson) must construct the historical Learner dataset as specified in Annex B.
 - b. Ofqual will assist in the construction of the historical dataset as specified in Annex B in relation to extended project qualifications made available by City and Guilds of London Institute (City and Guilds).

The historical datasets must include data from all relevant subjects in the specified series and year.

2. Save where specified in (a) and (b) below, together with the other awarding organisations offering GQ Qualifications, an awarding organisation must construct a collective summer 2020 Learner level dataset in line with the requirements specified in Annex C. This requirement does not apply to the following qualifications –
 - a. For Advanced Extension Awards, Pearson must construct the summer 2020 Learner level dataset as specified in Annex C.
 - b. Ofqual will assist in the construction of the summer 2020 Learner level dataset as specified in Annex C in relation to extended project qualifications made available by City and Guilds.

The summer 2020 Learner level dataset must include data from all awarding organisations offering the relevant subject in summer 2020.

3. An awarding organisation must generate statistical predictions for the relevant subject, and together with the other awarding organisations offering GQ Qualifications construct a national prediction for the subject, as specified in Annex D.
4. Applying the process set out in Annex E, an awarding organisation must use –

- a. the historical Learner level data generated under Annex B,
- b. the summer 2020 Learner level data generated under Annex C,
- c. the statistical predictions generated under Annex D,

to standardise the information provided by Centres under Condition GQCov3.2.

- 5. An awarding organisation must provide to Ofqual the information specified in Annex F, in the form and according to the timetable specified.

Annex A

Subjects

This information is published [as a separate document](#).

Annex B

Data specification for historical Learner data

Each awarding organisation must collaborate with the other awarding organisations awarding the relevant subjects in summer 2020 to construct historical Learner level datasets split into the following three files –

1. Level 2 qualification file relating to GCSE subjects.
2. Level 3 qualification file comprising AS, A level and extended project qualifications.
3. Advanced extension award qualification file.

The datasets comprising these three files must use the following data –

- a. For all phase 1 GCSE subjects first awarded in 2017 and all phase 2 GCSE subjects first awarded in 2018, historical Learner data from 2018 and 2019.
- b. For all phase 3 GCSE subjects first awarded in 2019, historical Learner data from 2019.
- c. For all phase 4 GCSE subjects being awarded for the first time in 2020, historical Learner data from 2019 in relation to the relevant pre-reform subject.
- d. For all AS and A level subjects except –
 - i. AS and A level design and technology: fashion and textiles, and
 - ii. AS and A level design and technology: design engineering, and
 - iii. AS and A level design and technology: product design,

historical Learner data from 2017, 2018 and 2019.

e. For –

- i. A level design and technology: fashion and textiles, and
- ii. A level design and technology: design engineering, and
- iii. A level design and technology: product design

historical Learner data from 2019.

f. For –

- i. AS design and technology: fashion and textiles, and
- ii. AS design and technology: design engineering, and
- iii. AS design and technology: product design

historical Learner data from 2018 and 2019.

g. For extended project qualifications, historical Learner data from 2017, 2018 and 2019.

h. For advanced extension award qualifications historical Learner data from 2017, 2018 and 2019.

The data used to generate the datasets must be based on mark/grade held by awarding organisations as at 23 May 2020. This means that it must reflect any changes to results made after they have been issued through, for example a review of marking or appeal.

The data used must relate to results from summer assessment series only and to subjects listed in Annex A only.

The data must be recorded in the form specified in the table below.

Variable Name	Variable Description	Source	Notes
ReportingDate	Date data submitted	Awarding organisation data	
ExamSeries	Exam series of result	Awarding organisation data	
Country	Country of Centre	Calculated from first two digits of National Centre Number (NCN)	Based on NCN as below: UK = 10000 to 71999 Wales = 68000 to 68999 Scotland = 69000 to 70999 N Ireland = 71000 to 71999 Isle of Man = 45000 to 45999 Channel Isles = 67000 to 67999 England = UK minus (Wales + Scotland + N Ireland + IoM + CI)
QualificationLevel	Level of qualification	Awarding organisation data	
Type	Qualification Type	Awarding organisation data	
AwardingOrganisation	Name of awarding organisation of qualification	Awarding organisation data	
QAN	Qualification number	Awarding organisation data	
ReformPhase	Phase of reform	Annex A	
JCQCode	JCQ subject classification code (broad subject area)	Annex A	
JCQTitle	JCQ subject classification title (broad subject area)	Annex A	
IBTitle1	Inter-awarding organisation subject code (broad subject area)	Annex A	

IBTitle2	Inter-awarding organisation subject code (fine subject area)	Annex A	
SubjectGroup	Subject group mapping	Annex A	
OMCode	Outcome matrix number	Annex A	
OMTitle	Outcome matrix subject title	Annex A	
SpecificationCode	Awarding organisation code used for specification	Awarding organisation data	
SpecificationTitle	Title of specification	Awarding organisation data	
CertificationCode	Certification code	Awarding organisation data	
CentreNo	NCN Centre number	Awarding organisation data	
CentreType	Type of Centre	NCN Centre type data lookup file	<p>Centre types are based on the following groups</p> <ul style="list-style-type: none"> 1 – Secondary Comprehensive or Middle (Community, Voluntary Aided Controlled) 2 – Secondary Selective (Community, Voluntary Aided Controlled) 3 – Secondary Modern (Community, Voluntary Aided Controlled) 4 – Secondary Comprehensive or Middle (Foundation) 5 – Secondary Selective (Foundation) 6 – Secondary Modern (Foundation) 7 – Independent 8 – FE Establishment 9 – Sixth Form College 10 – Tertiary College 11 – Other (including Private Candidates) 13 – City Academy 14 – Free Schools <p>Matched from NCN Centre type data lookup file using NCN</p>
UniqueCandidateIdentifier	Learner ID	Awarding organisation data	

YearEndAge	Age calculated from the year in which the Learner certificated	Calculated based on the date-of-birth in the awarding organisation data	Age calculated as of 31 August in the corresponding academic year for all Learners except those in Northern Ireland Age calculated as of 30 June in the corresponding academic year for all Learners in Northern Ireland
Year GCSE sat when aged 16 [GCE data only]	Indicates the year the prior GCSE attainment measures come from	Obtained from prior GCSE attainment dataset	Learners matched against prior GCSE attainment data when they were aged 16. All Learners of ages: 17, 18, 19, 20, 21, 22 and 23 matched with prior GCSE attainment. NGCSEs and MeanGCSE calculated based on GCSE qualifications only (does not include level 1/level 2 certificates or international GCSEs). Normalised mean GCSE calculated by Ofqual GCSE prior attainment variables matched with awarding organisation data using procedure specified on page 14 of this Annex. Matching only undertaken for Learners that took 3 or more GCSEs
NGCSEsTaken [GCE data only]	Number of GCSEs taken by Learner at age 16	Obtained from prior GCSE attainment dataset	
MeanGCSE [GCE data only]	Learners mean GCSE score	Obtained from prior GCSE attainment dataset	
TenPointScaleFlag [GCE data only]	Flag to indicate if mean GCSE is on 10-point scale	Calculated based on the specific prior GCSE attainment dataset.	
NormalisedMeanGCSE_E_NGLAND [GCE data only]	Mean GCSE score normalised by age within year for Learners who took GCSEs at Centres in England	Obtained from prior GCSE attainment dataset	
NormalisedMeanGCSE_UK [GCE data only]	Mean GCSE score normalised by age within year for Learners who took GCSE at Centres in the UK	Obtained from prior GCSE attainment dataset	
YearKS2SatWhenAged 11 [GCSE data only]	Indicates the year the prior KS2 attainment measure comes from	Obtained from prior KS2 attainment dataset	Learners matched against prior attainment data from Key Stage 2 Assessments (KS2) taken when they were aged 11. All Learners of ages: 15, 16, 17 and 18 matched with prior KS2 attainment
NormalisedKS2Score [GCSE data only]	Learners Normalised KS2 score	Obtained from prior KS2 attainment dataset	KS2 variables matched with awarding organisation data using procedure specified on page 15 of this Annex
PartialAbsence	Whether the Learner was absent for some of their	Awarding organisation data	

	assessments within the qualification		
SubjectLevelUniformMark	Uniform mark achieved by Learner on qualification, where UMS used	Awarding organisation data	Includes any post-results changes (ie mark/grade is the final mark/grade awarded to Learners)
SubjectLevelScaledMark	Raw mark after scaling of components achieved by Learner on qualification, for linear qualifications	Awarding organisation data	
SubjectLevelGrade	Grade Learner was awarded on qualification	Awarding organisation data	
PrivateCandidate	Indicates if Learner is a Private Candidate for that specification	Awarding organisation data	
Learner name		Awarding organisation data	
Learner sex		Awarding organisation data	
Learner DoB		Awarding organisation data	

Finding a match with prior GCSE attainment for level 3 qualifications

In respect of each Learner identified in the Level 3 qualification file and the advanced extension award qualification file, an awarding organisation must use the following process to find a match and determine if it should be classified as a valid match.

Name Processing

Names are processed in the following way:

- Convert full name to uppercase.
- Surname is everything before a delimiter of “.” or “,” or “;”
- Forename is everything after the delimiter (excluding any leading space(s) that follow the delimiter) until the next space, bracket, hyphen or comma
- Leading/trailing spaces and special characters are removed from surname and forename (any of ;'".(){}[]+=-><?!/\\$@&%*)

Assigning a Match Level

Any match against the prior GCSE attainment dataset is graded according to the following levels:

Level	Items Matched
1	UCI ³ , surname, forename, DoB, sex
2	Surname, forename, DoB, sex
3	UCI, surname, forename, DoB
4	UCI, surname, forename, sex
5	UCI, surname, DoB, sex
6	UCI, surname, forename
7	UCI, surname, forename, (where forename and surname are swapped)
8	UCI, surname, DoB
9	UCI, surname, sex
10	UCI, surname
11	UCI, forename, DoB, sex
12	Surname, forename, DoB

When matching Learners with prior attainment, it is important to reduce the probability of false-positives (these are instances where a match is erroneously confirmed).

When applying this specific algorithm, a valid match is defined as one which satisfies any one of the matching criteria for Levels: 1, 2, 3, 4, 6 and 7.

³ Here and throughout these requirements 'UCI' refers to Unique Candidate Identifier.

Duplicates

Duplicates within any of the above levels are removed completely to improve confidence in the match. In practice, this will only occur at levels 2 or 11, as the UCI within the prior GCSE attainment dataset is unique.

Finding a Match with prior KS2 Attainment for GCSE Qualifications

In respect of each Learner identified in the Level 2 qualification file, an awarding organisation must use the following process to find a match and determine if it should be classified as a valid match.

Name Processing

Names are processed in the following way:

- Remove special characters and spaces from KS2 surname and forename
- Convert GCSE full name to uppercase.
- GCSE surname is everything before a delimiter of “:” or “,” or “;”
- GCSE forename is everything after the delimiter (excluding any leading space(s) that follow the delimiter) until the next space, bracket, hyphen or comma
- Leading/trailing spaces and special characters are removed from GCSE surname and forename (any of ;",(),{}[]+=-><?!^\$@&%*)
- GCSE forename is matched with the first n characters of KS2 forename, where n is the length of GCSE forename

Assigning a Match Level

KS2 data *do not* include Learners' UCIs. Matches are only conducted on one level (*i.e. the equivalent of Level 2 as described above for mean GCSE attainment*), this being: surname, forename, DoB, and sex. **A valid match is defined as one which satisfies this criterion.**

Annex C

Data specification for summer 2020 Learner data

Each awarding organisation must collaborate with the other awarding organisations awarding the relevant subjects in summer 2020 to construct summer 2020 Learner level datasets split into the following three files –

1. Level 2 qualification file comprising GCSE subjects.
2. Level 3 qualification file comprising AS, A level and extended project qualifications.
3. Advanced extension award qualification file.

The data used to generate the datasets must be based on data held by awarding organisations, and prior attainment matching based on entries, as at 23 May 2020.

The data used must relate to subjects listed in Annex A only.

The data must be recorded in the form specified in the table below.

Variable Name	Variable Description	Source	Notes
Country	Country of Centre	Calculated from first two digits of National Centre Number (NCN)	Based on NCN as below: UK = 10000 to 71999 Wales = 68000 to 68999 Scotland = 69000 to 70999 N Ireland = 71000 to 71999 Isle of Man = 45000 to 45999 Channel Isles = 67000 to 67999 England = UK minus (Wales + Scotland + N Ireland + IoM + CI)
AwardingOrganisation	Name of Awarding organisation of qualification	Awarding organisation data	

UniqueCandidateIdentifier	Learner ID	Awarding organisation data	
YearEndAge	Age calculated from the year in which the Learner certificated	Calculated based on the date-of-birth in the awarding organisation data	Age calculated as of 31 August in the corresponding academic year for all Learners except those in Northern Ireland Age calculated as of 30 June in the corresponding academic year for all Learners in Northern Ireland
NGCSEsTaken [GCE data only]	Number of GCSEs taken by Learner at age 16	Obtained from prior GCSE attainment dataset	Learners matched against prior GCSE attainment data when they were aged 16. All Learners of ages: 17, 18, 19, 20, 21, 22 and 23 matched with prior GCSE attainment.
MeanGCSE [GCE data only]	Learners mean GCSE score	Obtained from prior GCSE attainment dataset	NGCSEs and MeanGCSE calculated based on GCSE qualifications only (does not include level 1/level 2 certificates or international GCSEs). Normalised mean GCSE calculated by Ofqual
TenPointScaleFlag [GCE data only]	Flag to indicate if mean GCSE is on 10-point scale	Calculated based on the specific prior GCSE attainment dataset.	GCSE prior attainment variables matched with awarding organisation data using procedure specified on page 14 of Annex B. Matching only undertaken for Learners that took 3 or more GCSEs
NormalisedMeanGCSE_England [GCE data only]	Mean GCSE score normalised by age within year for Learners who took GCSEs at Centres in England.	Obtained from prior GCSE attainment dataset	
NormalisedMeanGCSE_UK [GCE data only]	Mean GCSE score normalised by age within year for Learners who took GCSEs at Centres in the UK.	Obtained from prior GCSE attainment dataset	
YearGCSEsTakenWhenAged16 [GCE data only]	Indicates the year the prior GCSE attainment measures come from	Obtained from prior GCSE attainment dataset	
NormalisedKS2Score [GCSE data only]	Learners Normalised KS2 score	Obtained from prior KS2 attainment dataset	Learners matched against prior attainment KS2 data when they were aged 11. All Learners of ages: 15, 16, 17 and 18 matched with prior KS2 attainment
YearKS2TakenWhenAged11 [GCSE data only]	Indicates the year the prior KS2 attainment measure comes from	Obtained from prior KS2 attainment dataset	KS2 variables matched with awarding organisation data using procedure specified on page 15 of Annex B

Learner name		Awarding organisation data	
Learner Sex		Awarding organisation data	
Learner DoB		Awarding organisation data	
Entry Code	Awarding organisation code used for specification. This is equivalent to the SpecificationCode field in the historic datasets	Awarding organisation data	
Pearson tier-of-entry [GCSE data only]	Used for Pearson tiered GCSE specifications only	Awarding organisation data	
Entry Title	Title of specification	Awarding organisation data	
Learner ULN	Learner ID	Awarding organisation data	
Learner UPN	Learner ID	Awarding organisation data	
Learner number	Learner ID (4 digit number)	Awarding organisation data	
Private Learner Flag	Indicates if Learner is a Private Candidate for that specification	Awarding organisation data	
Centre number	NCN Centre number	Awarding organisation data	
Centre Type	Type of Centre	NCN Centre type data lookup file	Centre types are based on the following groups 1 – Secondary Comprehensive or Middle (Community, Voluntary Aided Controlled) 2 – Secondary Selective (Community, Voluntary Aided Controlled) 3 – Secondary Modern (Community, Voluntary Aided Controlled) 4 – Secondary Comprehensive or Middle (Foundation)

			5 – Secondary Selective (Foundation) 6 – Secondary Modern (Foundation) 7 – Independent 8 – FE Establishment 9 – Sixth Form College 10 – Tertiary College 11 – Other (including Private Candidates) 13 – City Academy 14 – Free Schools Matched from NCN Centre type data lookup file using NCN
Subject Grouping	Subject group mapping	Annex A	
Cross AO Flag	Flag to indicate whether a Centre has split Learner entries across awarding organisations for a specific 'Subject Grouping'	Y/N	
Qualification Level	Level of qualification		
Type	Qualification Type		
Reform Phase	Phase of reform	Annex A	
JCQ Code	JCQ subject classification code (broad subject area)	Annex A	
JCQ Title	JCQ subject classification title (broad subject area)	Annex A	
IB Title1	Inter-awarding organisation subject code (broad subject area)	Annex A	
IB Title 2	Inter-awarding organisation subject code (fine subject area)	Annex A	
Outcome Matrix Code	Outcome matrix number	Annex A	
Outcome Matrix Title	Outcome matrix subject title	Annex A	

Annex D

Generating statistical predictions⁴

Outcome matrices

Awarding organisations must generate outcome matrices using the historical Learner level datasets generated under Annex B and the outcome matrix code specified in Annex A. Outcome matrices must exclude partial absences. Outcome matrices must only include data for Learners in England.

Each outcome matrix must map the relationship between prior attainment and results for the relevant subject in the relevant reference year for Learners for whom there is a valid match as defined in Annex B (referred to in this Annex as 'matched Learners').

In generating outcome matrices for GCSE Qualifications, an awarding organisation must not include data with respect to Learners registered with independent or selective Centres.

Awarding organisations are not required to generate outcome matrices for pre-reform AS and A level qualifications, or AEA qualifications.

Generating predictions

Awarding organisations must generate predictions for all grades using the summer 2020 dataset generated under Annex C and the outcome matrices generated as above. Predictions must be generated for Learners for whom there is a valid match as defined in Annex B (referred to in this Annex as 'matched Learners'). Predictions must be generated for Learners in England only.

Predictions must be generated for each subject, according to the subject group specified in Annex A.

Awarding organisations must generate predictions for subjects where there are more than 500 matched Learners in summer 2020 (combined across awarding organisations), in line with the qualification specific requirements set out in the following subsections.

In addition –

⁴ The requirements in this Annex do not apply to City and Guilds and data in relation to Learners taking City and Guilds GQ Qualifications should not be included in any outcome matrices or national predictions.

- awarding organisations must collectively generate **national** predictions for matched Learners for each of these subjects
- an awarding organisation must generate its **own individual awarding organisation** prediction for its specific cohort of matched Learners for these subjects, regardless of whether the number of matched Learners within each awarding organisation exceeds 500. For subjects where an awarding organisation has more than one specification, predictions should be generated for each specification

GCE A level⁵

Predictions for post-reform A level in England (phase 1 – first awarded in 2017)

Predictions must be generated for 18-year-old matched Learners. The prediction must be based on the average of the relationship between:

1. A level results in England in that subject for 18-year-old Learners in 2017 and the GCSE results for those Learners in 2015
2. A level results in England in that subject for 18-year-old Learners in 2018 and the GCSE results for those Learners in 2016

Predictions for post-reform A level in England (phase 2 – first awarded in 2018)

Predictions must be generated for 18-year-old matched Learners. The prediction must be based on the average of the relationship between:

1. A level results in England in that subject for 18-year-old Learners in 2018 and the GCSE results for those Learners in 2016
2. A level results in England in that subject for 18-year-old Learners in 2019 and the GCSE results for those Learners in 2017

Predictions for post-reform A level in England (phase 3 – first awarded in 2019)

For **all subjects** (except **mathematics**), predictions must be generated for 18-year-old matched Learners. The prediction must be based on the relationship between A level results in England in that subject for 18-year old Learners in 2019 and GCSE results for those Learners in 2017.

Predictions for post-reform A level mathematics in England (phase 3 – first awarded in 2018)

For **mathematics**, predictions must be generated for 18-year-old matched Learners, excluding Learners that are also entering A level further mathematics in the same series. The prediction must be based on the relationship between A level results in England in mathematics for 18-year-old Learners in 2019 and the GCSE results for

⁵ GCSE outcomes that are used in A level predictions must combine A* to G grades and 9 to 1 grades onto a common scale.

those Learners in 2017, excluding Learners that also certificated A level further mathematics in 2019.

Predictions for post-reform A level in England (phase 4 – being awarded for the first time in 2020)

Predictions must be generated for 18-year-old matched Learners. The prediction must be based on the relationship between A level results in England in that subject for 18-year old Learners in 2019 and GCSE results for those Learners in 2017.

GCE AS⁶

Predictions for post-reform AS in England (phase 1 – first awarded in 2016)

Predictions must be generated for 17-year-old matched Learners. The prediction must be based on the average of the relationship between:

1. AS results in England in that subject for 17-year-old Learners in 2016 and GCSE results for those Learners in 2015
2. AS results in England in that subject for 17-year-old Learners in 2017 and GCSE results for those Learners in 2016

Predictions for post-reform AS in England (phase 2 – first awarded in 2017)

Predictions must be generated for 17-year-old matched Learners. The prediction must be based on the relationship between:

1. AS results in England in that subject for 17-year-old Learners in 2017 and GCSE results for those Learners in 2016
2. AS results in England in that subject for 17-year-old Learners in 2018 and GCSE results for those Learners in 2017

Predictions for post-reform AS in England (phase 3 – first awarded in 2018)

Predictions must be generated for 17-year-old matched Learners. The prediction must be based on the average of the relationship between:

1. AS results in England in that subject for 17-year-old Learners in 2018 and GCSE results for those Learners in 2017
2. AS results in England in that subject for 17-year-old Learners in 2019 and GCSE results for those Learners in 2018

Pre-reform AS and A level in England

Awarding organisations are not required to generate predictions for pre-reform AS and A level qualifications.

⁶ GCSE outcomes that are used in AS predictions must combine A* to G grades and 9 to 1 grades onto a common scale.

GCSE⁷

In generating predictions for GCSE Qualifications, an awarding organisation must not include data with respect to Learners registered with independent or selective Centres.

Predictions for post-reform GCSE Qualifications in England (phase 1 – first awarded in 2017)

Predictions must be generated for 16-year-old matched Learners. Predictions must be based on the average of the relationship between:

1. GCSE results in England in that subject for 16-year-old Learners in 2017 and results from Key Stage 2 Assessments taken by those Learners in 2012
2. GCSE results in England in that subject for 16-year-old Learners in 2018 and results from Key Stage 2 Assessments taken by results for those Learners in 2013

In relation to such predictions, awarding organisations must adhere to any requirements specified by Ofqual to reflect the results of the National Reference Tests. Where Ofqual specifies such requirements these will be set out in Annex G.

Predictions for post-reform GCSE qualifications in England (phase 2 – first awarded in 2018)

Predictions must be generated for 16-year-old matched Learners. Predictions must be based on the average of the relationship between:

1. GCSE results in England in that subject for 16-year-old Learners in 2018 and results from Key Stage 2 Assessments taken by results those Learners in 2013
2. GCSE results in England in that subject for 16-year-old Learners in 2019 and results from Key Stage 2 Assessments taken by results those Learners in 2014

For each of **GCSE French and GCSE German**, awarding organisations must adjust the **national** prediction as follows: +2% at grades 7, 8 and 9, +1.67% at grade 6, +1.33% at grade 5, +1% at grade 4, +0.67% at grade 3 and +0.33% at grade 2.

Predictions for post-reform GCSE short course qualifications in England (phase 2 – first awarded in 2018)

Predictions must be generated for 16-year-old matched Learners. Predictions must be based on the average of the relationship between:

⁷ For post-reform GCSE double award, any references in this document to single award grades (e.g. 9, 8, 7 etc.) refer to grades 9-9, 8-8, 7-7 etc.

1. GCSE short course results in England in that subject for 16-year-old Learners in 2018 and results from Key Stage 2 Assessments taken by results those Learners in 2013
2. GCSE short course results in England in that subject for 16-year-old Learners in 2019 and results from Key Stage 2 Assessments taken by Learners in 2014

Predictions for post-reform GCSE qualifications in England (phase 3 – first awarded in 2019)

Predictions must be generated for 16-year-old matched Learners. Predictions must be based on the relationship between GCSE results in England in that subject for 16-year-old Learners in 2019, and results from Key Stage 2 Assessments taken by those Learners in 2014.

Predictions for post-reform GCSE qualifications in England (phase 4 – being awarded for the first time in 2020)

Predictions at grades 7, 4 and 1 must be generated for 16-year-old matched Learners. Predictions must be based on the relationship between GCSE results in England in that subject for 16-year-old Learners in 2019, and results from Key Stage 2 Assessments taken by those Learners in 2014.

Predictions for grade 9 must be set by applying the following formula at the **national** level to matched 16-year-old Learners.

- The percentage of those predicted to achieve at least grade 7 in the relevant subject who should be awarded grade 9 = $7\% + 0.5 \times (\text{percentage of Learners predicted to achieve grade 7 or above in that subject})$.

Extended Project Qualifications

Predictions must be generated for 18-year-old matched Learners. The prediction must be based on the average of the relationship between:

1. Extended project results in England for 18-year-old Learners in June 2017 and the GCSE results for those Learners in 2015
2. Extended project results in England for 18-year-old Learners in June 2018 and the GCSE results for those Learners in 2016

Advanced Extension Awards

Awarding organisations are not required to generate predictions for Advanced Extension Awards.

Annex E

Standardisation process

[Embargoed until 20 August 2020]

Annex F

Reporting requirements

Awarding organisations must provide to Ofqual the information specified in this Annex in the form and according to the timetable specified.

A level reporting

Pre-reform A level

Each awarding organisation must report its **own awarding organisation** results for each subject at all grades for all Learners, using template B, and according to the reporting schedule in Table 1.

Post-reform A level

For subjects where there are more than 500 matched Learners (combined across awarding organisations), awarding organisations must together report the **national**⁸ prediction, results for matched Learners, results for all Learners and cut-scores for each subject at all grades, using the data specifications in Appendix J and Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects where there are more than 500 matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** prediction,⁹ results for matched Learners and results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), awarding organisations must report the **national** results for all Learners, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** results for all Learners for each subject at all grades, using the data

⁸ 'National' refers to data collated across all awarding organisations that are required to comply with these requirements.

⁹ An awarding organisation must report its own awarding organisation predictions for subjects where there are more than 500 matched Learners (combined across awarding organisations), regardless of the number of matched Learners registered with that awarding organisation.

specification in Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

AS reporting

Pre-reform AS

Each awarding organisation must report its **own awarding organisation** results for each subject at all grades for all Learners, using template C and according to the reporting schedule in Table 1.

Post-reform AS

For subjects where there are more than 500 matched Learners (combined across awarding organisations), awarding organisations must report the **national** prediction, results for matched Learners, results for all Learners and cut-scores for each subject at all grades, using the data specifications in Appendix J and Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects where there are more than 500 matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** prediction, results for matched Learners and results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), awarding organisations must report the **national** results for all Learners, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

GCSE reporting

Post-reform GCSE

For subjects where there are more than 500 matched Learners (combined across awarding organisations), awarding organisations must report the **national** prediction, results for matched Learners, results for all Learners and cut-scores for each subject at all grades,¹⁰ using the data specifications in Appendix J and Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects where there are more than 500 matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** prediction, results for matched Learners, results for all Learners and matched Learner tiering data (for tiered subjects only) for each subject at all grades, using the data specifications in Appendix B and Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), awarding organisations must report the **national** results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects with 500 or fewer matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1. For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

Where Ofqual has specified an adjustment to predictions for a relevant qualification in Annex G, awarding organisations must report the **national** prediction as adjusted. No adjustment should be made to individual awarding organisation predictions.

For **GCSE French and German**, awarding organisations must report the **national** prediction including the following adjustments: +2% at grades 7, 8 and 9, +1.67% at grade 6, +1.33% at grade 5, +1% at grade 4, +0.67% at grade 3 and +0.33% at grade 2. No adjustment should be made to individual awarding organisation predictions.

¹⁰ For phase 4 GCSEs predictions are only available at grades 9, 7, 4 and 1, where the grade 9 prediction is calculated by the formula on page 26 of Annex D.

Extended project qualifications

For subjects where there are more than 500 matched Learners (combined across awarding organisations), awarding organisations must report the **national** prediction, results for matched Learners, results for all Learners and cut-scores for each subject at all grades, using the data specifications in Appendix J and Appendix K of Annex E, and according to the reporting schedule in Table 1.

For subjects where there are more than 500 matched Learners (combined across awarding organisations), each awarding organisation must report its **own awarding organisation** prediction, results for matched Learners and results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1.

Advanced Extension Awards (AEA)

For subjects with 500 or fewer matched Learners, Pearson must report its **own awarding organisation** results for all Learners for each subject at all grades, using the data specification in Appendix K of Annex E, and according to the reporting schedule in Table 1.

Reporting schedule

An awarding organisation must submit data according to the reporting schedule in Table 1. In relation to national outcomes which are reported collectively, each awarding organisation retains individual responsibility for ensuring that the relevant data is submitted by the time and in the form required.

For post-reform A level, post-reform AS, post-reform GCSE, extended project and advanced extension award qualifications, awarding organisations must report provisional results by 12 noon, Wednesday 15 July. Where the standardisation process specified in Annex E is re-run for a particular subject after the 15 July, awarding organisations must also report final results for that subject by 12 noon, Thursday 30 July.

If there is to be a delay in submission, an awarding organisation must notify Ofqual via the data exchange mailbox dataexchange@ofqual.gov.uk as soon as possible and certainly by the date shown on the schedule.

Any email correspondence should be sent to dataexchange@ofqual.gov.uk. Email should only be used where no sensitive data is included or attached.

Sending data

An awarding organisation must confirm its main contacts with Ofqual by 5pm on 3 July 2020. All data are to be uploaded to the secure collaboration area.

In terms of version control –

- for post-reform A level, post-reform AS, post-reform GCSE, extended project and advanced extension award qualifications, all reported data must be uploaded using a title comprised of the date, awarding organisation, qualification and data specification, for example 15072020-AQA-GCSE-D27. If individual files are submitted for each subject, the subject group should also be included in the title, for example 15072020-AQA-GCSE-D27-biology. Qualifications can be referred to as GCSE, AS, A level, Project or AEA. Data specifications are set out in Annex E
- for pre-reform A level and pre-reform AS qualifications, all reported data must be uploaded using a title comprised of the date, awarding organisation and template, for example 30072019-AQA-Template B

To report any revised data, an awarding organisation must create a new document using the new date and the time as a suffix where necessary.

An awarding organisation must not delete any old versions of reported data from the collaboration area. An awarding organisation must not create extra folders within the data exchange library of the collaboration area without consulting Ofqual first.

All returns are subject to the final ratification of the awards by the awarding organisation.

On receipt of the information required under this Annex, Ofqual:

1. will review the submitted data
2. may contact the awarding organisation to ask for additional information or clarification, and will aim to do this within 24 hours of receipt
3. will hold daily teleconferences in July with awarding organisation technical colleagues, as necessary, to review data and explore any implications
4. will discuss results with awarding organisations at the Maintenance of Standards meetings on **31 July 2020 (AS, A level, extended project and advanced extension award qualifications)** and **4 August 2020 (GCSE)**

Table 1. Reporting schedule

	Deliverable (as appropriate based on number of matched Learners)	Data template/ specification	Date/time (All dates refer to 2020)
Post-reform A level	National predictions, results for matched Learners, results for all Learners and cut-scores by subject	Appendix J and Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
	Individual awarding organisation predictions, results for matched Learners and results for all Learners by subject*	Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
Pre-reform A level	Individual awarding organisation results for all Learners	Template B	Final data – 12 noon, Thurs 30 July
Post-reform AS	National predictions, national results for matched Learners, national results for all Learners and cut-scores for each subject	Appendix J and Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
	Individual awarding organisation predictions, results for matched Learners and results for all Learners by subject*	Appendix K, Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
Pre-reform AS	Individual awarding organisation results for all Learners	Template C	Final data – 12 noon, Thurs 30 July
Post-reform GCSE	National predictions, national results for matched Learners, national results for all Learners and cut-scores for each subject	Appendix J and Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
	Individual awarding organisation predictions, results for matched Learners, results for all Learners and matched Learner tiering data (for tiered subjects only) by subject*	Appendix B and Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
Extended Project	National predictions, national results for matched Learners, national results for all Learners and cut-scores for each subject	Appendix J and Appendix B of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
	Individual awarding organisation predictions, results for matched Learners and results for all Learners by subject	Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July

Advanced extension award	Individual awarding organisation results for all Learners	Appendix K of Annex E	Provisional data – 12 noon, Weds 15 July Final data – 12 noon, Thurs 30 July
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* For subjects where an awarding organisation has more than one specification, reporting should be at the specification level.

Annex G

[Embargoed until 20 August 2020]



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