

Moderation Summary Report Subject: Practical Metalworking Level: National 5

This report summarises the context for moderation of the estimates received for this course, ie, historic attainment, the 2020 Starting Point Distributions and 2020 Estimates. It also provides the key outcomes of the moderation process for this course.

Full details of the moderation approach and the Attainment Statistics (August) 2020 can be found on SQA's statistics page (<https://www.sqa.org.uk/statistics>)¹.

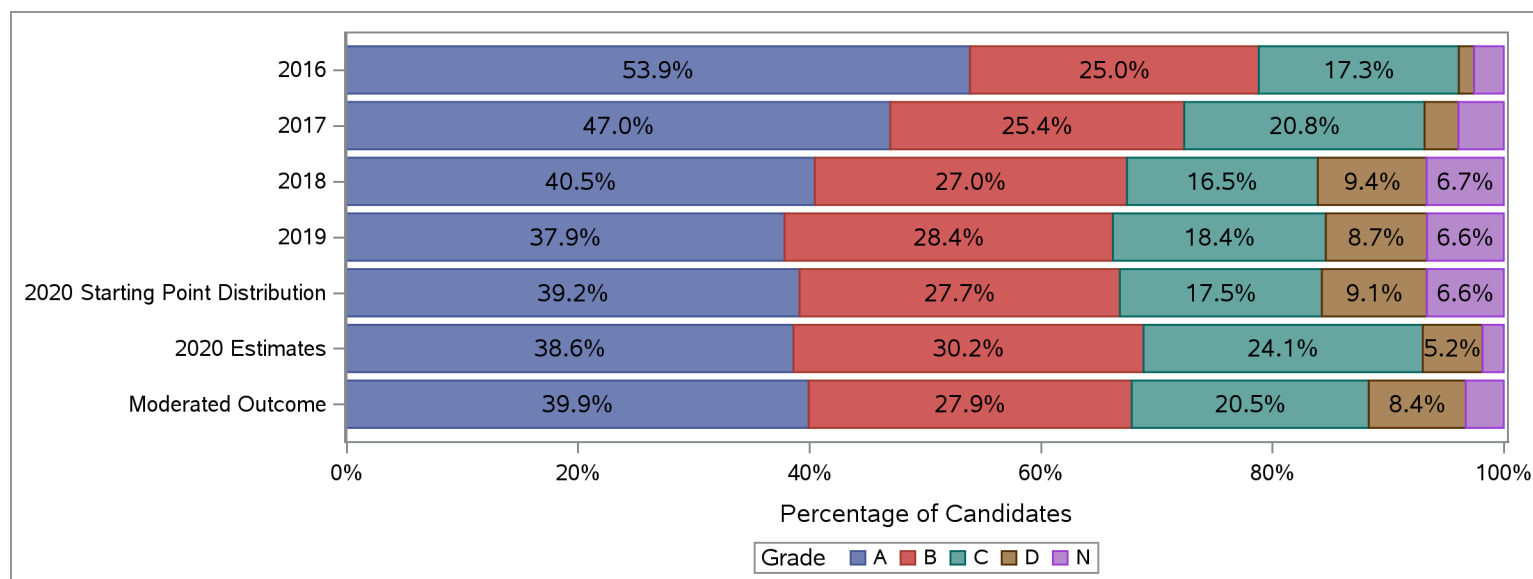
Furthermore, where small numbers of entries (values less than 5) could risk identification of individuals, those numbers and associated percentages have been suppressed in the tables below with an asterisk.

Historic Attainment, Starting Point Distribution, Estimates Received and Moderated Outcome

The table and chart below show:

- (a) historic attainment by grade for this course for years 2016 to 2019;
- (b) the Starting Point Distribution, which provides a projected distribution for 2020 attainment for this course, based on quantitative and qualitative analyses by SQA;
- (c) the distribution of 2020 estimates received from centres for this course (pre moderation); and
- (d) the distribution of grades after the moderation process.

National 5 : Practical Metalworking	Grade						Total	Grade					
	A	B	C	D	N	A		B	C	D	N		
	Number	Number	Number	Number	Number	%		%	%	%	%		
2016	611	283	196	15	29	1,134	53.9	25.0	17.3	1.3	2.6	100.0	
2017	577	312	255	36	48	1,228	47.0	25.4	20.8	2.9	3.9	100.0	
2018	486	324	198	113	80	1,201	40.5	27.0	16.5	9.4	6.7	100.0	
2019	463	347	225	107	81	1,223	37.9	28.4	18.4	8.7	6.6	100.0	
2020 Starting Point Distribution	537	380	239	125	91	1,372	39.2	27.7	17.5	9.1	6.6	100.0	
2020 Estimates	530	415	331	71	25	1,372	38.6	30.2	24.1	5.2	1.8	100.0	
Moderated Outcome	548	383	281	115	45	1,372	39.9	27.9	20.5	8.4	3.3	100.0	

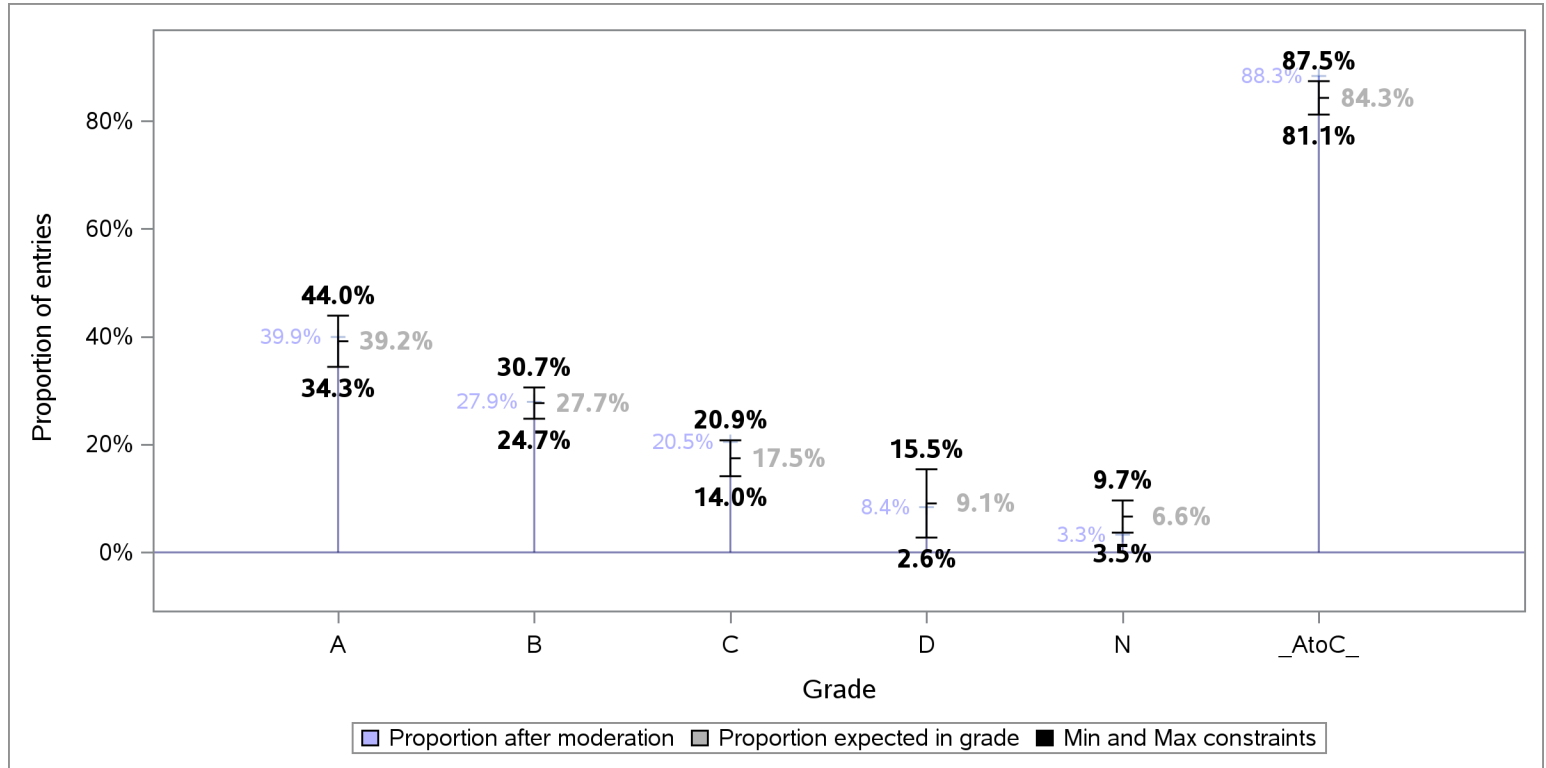


¹Some of the figures in this summary report may differ slightly to figures in the Attainment Statistics (August) 2020 publication. This is because the the Attainment Statistics (August) 2020 publication excludes those candidates who were removed after the moderation process, including candidates who have subsequently been withdrawn by their presenting centre.

Tolerance ranges for the Starting Point Distribution

To allow for year-on-year variability in attainment, tolerance ranges were derived for each projected grade proportion in the Starting Point Distribution, and the A to C rate. For each grade, the tolerance range is derived from the 90% confidence intervals for mean historic attainment from 2016 to 2019.

The chart below shows the projected proportion for each grade, as per the Starting Point Distribution, the tolerance range for each projected proportion and proportion per grade after the moderation process.



Redistribution of estimates by grade as a result of moderation

The table below shows the number and proportion of entries that were estimated for each grade, and how these were redistributed to other grades as a result of the moderation process.

Estimated Grade	Total Entries	Moderated Grade									
		A		B		C		D		N	
		Entries	% Entries	Entries	% Entries	Entries	% Entries	Entries	% Entries	Entries	% Entries
ALL	1,372	548	39.9	383	27.9	281	20.5	115	8.4	45	3.3
A	530	497	93.8	33	6.2	*	*	*	*	*	*
B	415	51	12.3	322	77.6	42	10.1	*	*	*	*
C	331	*	*	28	8.5	224	67.7	79	23.9	*	*
D	71	*	*	*	*	15	21.1	34	47.9	22	31.0
N	25	*	*	*	*	*	*	*	*	23	92.0



Centre Moderation Summary

As detailed in the SQA National Qualifications 2020 Awarding – Methodology Report, the moderation was undertaken at centre level. SQA did not adjust estimates for new centres presenting on this course, as there was no historical evidence on which to base adjustment. The table below provides key summary information about the centre moderation process and outcomes for this course.

Moderation Summary	Number	Percentage of Total
Entries for this course	1,372	100.0%
Centres presenting for this course	114	100.0%
New Centres	11	9.6%
Entries from New Centres	115	8.4%
Highest Entries Presented by a Centre	39	.
Median Entries Presented by Centres	11	.
Lowest Entries Presented by a Centre	1	.
Centres Adjusted	75	65.8%
Centres Not Adjusted	39	34.2%
Entries Adjusted	272	19.8%
Entries Adjusted Down	176	12.8%
Entries Adjusted Up	96	7.0%
Entries Adjusted Down by One Grade	176	12.8%
Entries Adjusted Up by One Grade	96	7.0%
Entries Adjusted Down by Two Grades	*	*
Entries Adjusted Up by Two Grades	*	*
Entries Adjusted Down by Three Grades	*	*
Entries Adjusted Up by Three Grades	*	*
Entries Adjusted Down by Four Grades	*	*
Entries Adjusted Up by Four Grades	*	*
Entries Adjusted from A-C to D	79	5.8%
Entries Adjusted from A-C to N	*	*
Entries Adjusted from D to A-C	15	1.1%
Entries Adjusted from N to A-C	*	*