

A Level Calculations

Listed below are various calculations that you may want to perform against the A and AS Level result tables. Two sets of equations have been created that either include or exclude the subject General Studies. The letter to denote what column the value can be found in is in brackets next to each column name making it easier to find in the result tables. These calculations should be used to obtain results on a per school basis, please refer to the press release for total aggregate figures.

New for 2010 - We will be sending separate spreadsheets containing IB, Pre-U, Extended Project and BTEC results as well as the A-Level result tables. Columns showing the number of candidates who took each exam have been added to the front of every spreadsheet (from columns H to R) and an additional column showing the total number of Year 13 candidates has also been added (column G).

Excluding General Studies	Including General Studies
% A Level entries obtaining an A* grade $\frac{\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Astar (V)}}{\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Entries (AC)}} \times 100$	% A Level entries obtaining an A* grade $\frac{\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Astar (BB)}}{\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Entries (BI)}} \times 100$
% A Level entries obtaining an A* or A grade $\frac{(\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Astar (V)} + \text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_A (W)})}{\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Entries (AC)}} \times 100$	% A Level entries obtaining an A* or A grade $\frac{(\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Astar (BB)} + \text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_A (BC)})}{\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Entries (BI)}} \times 100$
% A Level entries obtaining an A* - E grade $(\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Astar (V)} +$	% A Level entries obtaining an A* - E grade $(\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Astar (BB)} + \text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_A (BC)} +$

$\frac{\text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_A (W) +} \\ \text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_B (X) +} \\ \text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_C (Y) +} \\ \text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_D (Z) +} \\ \text{Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_E (AA)}}{100}$ <p>Alevel_ (inc_Applied_Alevel)_excl_General_Studies_Total_Entries (AC)</p>	$\frac{\text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_B (BD) +} \\ \text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_C (BE) +} \\ \text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_D (BF) +} \\ \text{Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_E (BG)}}{100}$ <p>Alevel_ (inc_Applied_Alevel)_inc_General_Studies_Total_Entries (BI)</p>
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Excluding General Studies	Including General Studies
Total A Level Points (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_Astar (V) * 140) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_A (W) * 120) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_B (X) * 100) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_C (Y) * 80) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_D (Z) * 60) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_E (AA) * 40) A Level Points per Candidate Result of calculation above divided by Candidates_who_took_Alevel_(inc_Applied_Alevel)_exams_Total (S)	Total A Level Points (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_Astar (BB) * 140) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_A (BC) * 120) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_B (BD) * 100) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_C (BE) * 80) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_D (BF) * 60) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_E (BG) * 40) A Level Points per Candidate Result of above divided by Candidates_who_took_Alevel_(inc_Applied_Alevel)_exams_Total (S)

<p>Total A Level & AS Level Points (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_Astar (V) * 140) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_A (W) * 120) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_B (X) * 100) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_C (Y) * 80) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_D (Z) * 60) + (Alevel_(inc_Applied_Alevel)_excl_General_Studies_Total_E (AA) * 40) (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_Astar (AD) * 70) + (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_A (AE) * 60) + (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_B (AF) * 50) + (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_C (AG) * 40) + (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_D (AH) * 30) + (ASlevel_(inc_Applied_ASlevel)_excl_General_Studies_Total_E (AI) * 20)</p> <p>A Level & AS Level Points per Candidate Result of calculation above divided by Candidates_who_took_A_AS_or_Applied_A_AS_exams_Total (U)</p>	<p>Total A Level & AS Level Points (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_Astar (BB) * 140) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_A (BC) * 120) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_B (BD) * 100) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_C (BE) * 80) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_D (BF) * 60) + (Alevel_(inc_Applied_Alevel)_inc_General_Studies_Total_E (BG) * 40) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_Astar (BJ) * 70) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_A (BK) * 60) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_B (BL) * 50) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_C (BM) * 40) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_D (BN) * 30) + (ASlevel_(inc_Applied_ASlevel)_inc_General_Studies_Total_E (BO) * 20)</p> <p>A Level & AS Level Points per Candidate Result of calculation above divided by Candidates_who_took_A_AS_or_Applied_A_AS_exams_Total (U)</p>
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Excluding General Studies	Including General Studies
Total AS Level Candidates Candidates_who_took_ASlevel_(inc_Applied_ASlevel)_exams_Total (T)	AS Level Candidates Candidates_who_took_ASlevel_(inc_Applied_ASlevel)_exams_Total (T)
Combined A or AS Level Candidates Candidates_who_took_A_AS_or_Applied_A_AS_exams_Total (U) [Please note: This number will not be the same as the sum of A Level and AS candidates as some candidates take both types of exam. This number gives the number of candidates who took A Level, AS Level or a combination of these exams]	Combined A or AS Level Candidates Candidates_who_took_A_AS_or_Applied_A_AS_exams_Total (U) [Please note: This number will not be the same as the sum of A Level and AS candidates as some candidates take both types of exam. This number gives the number of candidates who took A Level, AS Level or a combination of these exams]