

General End User Guide
6.2.20 Cohort Results → Cohort Analysis



TrackOne
S T U D I O

This document will assist you in navigating through the Learning Analytics Suite as both an Administrator, and as a set user type with fewer permissions enabled in their setup, ie. Staff or Student. Please carefully review all instructions set out in the Help Documentation made available.

If you require further expansion or assistance at any point in the document, please do not hesitate to contact TrackOne Studio Support through the Help Desk by sending an email to helpdesk@trackonestudio.com.

Cohort Analysis

Cohort Analysis identifies specific students within a cohort based on academic results.

Demonstration School Learning Analytics Suite (TrackOneAdmin) (Sign Out)

▶ Cohort Academic At Risk ▶ Cohort At Risk ▶ Cohort Subject At Risk ▶ Cohort Leaders

Cohort Academic At Risk

Year: Year 12 Result Year: 2020 Semester: Sem 1, 2020

Additional Filter Options
No filters selected.

Find students with 2 or more subjects with a grade of C- (7) (or less)

Student Id	Surname	Given Names	Subjects	Grade
S835692	Davis	Jasmine	12MAA - 1517 (AQU): D, 12ITS - 1565 (AJB): C-	8.8 (C)
S567757	Manhire	Isabella	12ENG - 1509 (AIK): D, 12MAA - 1517 (AIN): C-	8.6 (C)
S649569	Luke	Luke	12ENG - 1509 (AFH): C-, 12ITS - 1565 (AJB): D	8.4 (C)
S355531	Toby	Toby	12ENG - 1509 (ALL): C-, 12TEC - 1525 (ACI): C-	8.33 (C)
S792133	Mohammed	Mohammed	12HPE - 1513 (AMM): C-, 12SOR - 1533 (AGR): C-	8.33 (C)
S283486	Maddougall	Luca	12ACC - 1501 (ACF): C-, 12GRA - 1512 (AMB): C-	8.17 (C)
S188965	Dransfield	James	12MAB - 1518 (AQU): D+, 12TEC - 1525 (ACI): C-	8 (C)
S279662	Mcnaughton	Aaron	12CHE - 1506 (ADI): C-, 12ECO - 1508 (AAJ): C-, 12PHY - 1523 (AGD): D+	7.83 (C-)
S537294	Lefebvre	Luke	12ECO - 1508 (AAJ): C-, 12ENG - 1509 (ALL): C-, 12BMT - 1541 (ANX): D+	7.6 (C-)
S235544	Adatschi	Thomas	12CHE - 1506 (ADI): C-, 12ENG - 1509 (ALL): C-, 12MAB - 1518 (ARA): C-, 12PHY - 1523 (AGD): C-, 12TEC - 1525 (ACI): C-	7.33 (C-)

1. The blue menu bar enables the user to move between the areas within **Cohort Analysis**. The pages will refresh as the user moves between tabs (meaning the cohort will not stay the same). The first tab looks at **Cohort Academic At Risk**, which identifies students who are performing above or below a certain level (academically) in their subjects.
2. Select the cohort, result year and result period.
3. Select the minimum number of subjects to be used when returning results.
4. Select the result to be used as a benchmark.
5. Select whether the application should return students above or below this benchmark.
6. Clicking on an individual student's ID will produce their transcript below.
7. These results may be exported out into Excel.

Cohort GPA At Risk

The second tab on the menu bar is **Cohort GPA At Risk**. This identifies specific students whose GPA has changed over time.

Demonstration School Learning Analytics Suite (TrackOneAdmin) ([Sign Out](#))

► Cohort Academic At Risk ► **Cohort GPA At Risk** 1 ► Cohort Subject At Risk ► Cohort Leaders

Cohort GPA At Risk

Current Year: Year 10 Starting: Sem 1, 2019 Ending: Sem 2, 2019 2 6

Additional Filter Options +

No filters selected.

Find students who have Lost 3 4 1 GPA points (or more) between the selected periods Search

Student Id	Surname	Given Names	GPA Change	GPA History
S474553	Ritchings	Emilia	-1.62	10.75 (B-); 9.13 (C+)
S561821	Fordred	Bobby	-1.57	9.43 (C+); 7.86 (C-)
S253567	Langrish	Aaron	-1.43	11.43 (B); 10 (B-)
S376789	Stanyer	Henry	-1.29	10 (B-); 8.71 (C)
S723671 5	Tait	Muhammad	-1.29	9.86 (C+); 8.57 (C)
S749668	Entwhistle	Alexander	-1.15	10.29 (B-); 9.14 (C+)
S364328	Hulse	Nathan	-1.14	8.57 (C); 7.43 (C-)
S416945	Powell	Oliver	-1.14	11 (B); 9.86 (C+)
S184578	Hernandez	Caleb	-1	9.71 (C+); 8.71 (C)
S813313	Seward	Seth	-1	12.25 (B+); 11.25 (B)
S999354	Purnell	Olivia	-1	10 (B-); 9 (C+)

1. Use the blue menu bar to move to **Cohort GPA At Risk**.
2. Select the cohort and then the starting and ending result periods.
3. Select whether the application should return students above or below the benchmark.
4. Select the number of GPA points to use as the benchmark.
5. Clicking on an individual student's ID will produce their transcript below.
6. These results may be exported out into Excel.

Cohort Subject At Risk

The third tab on the menu bar is **Cohort Subject At Risk**. This identifies specific students whose results in a subject have changed over time.

Demonstration School Learning Analytics Suite (TrackOneAdmin) (Sign Out)

► Cohort Academic At Risk ► Cohort GPA At Risk ► **Cohort Subject At Risk** 1 Leaders

Cohort Subject At Risk

1. Select a student group ✕

Current Year Group: Year 12 2 Sem 1, 2019 Ending: Sem 2, 2019 9
 Show result summary only for starting and ending

2. Select a subject or a subject basket

Select Subject: English 3 Or Select Basket: -- Select -- 4

Additional Filter Options +
 No filters selected. 5 6

Find students who have Lost 2 points (or more) between the selected periods Search

English

At Risk				Semester 1, 2019			Semester 2, 2019		
Student Id	Surname	Given Names	Points Change	Teacher	Class	Result	Teacher	Class	Result
\$188965 8	Dressfield	James	-2	AFH	11ENG - 0001, 2	B-	ATI	11ENG - 0001, 3	C
\$459624	Elliot		-2	ALL	11ENG - 0001, 4	B-	ALL	11ENG - 0001, 4	C
\$567757	Manhire	Isabella	-2	AIK	11ENG - 0001, 1	C+	AIK	11ENG - 0001, 1	C-
\$667654	Nefsey	Muhammad	-2	ATI	11ENG - 0001, 3	B	ATI	11ENG - 0001, 3	C+
\$722516	Macdougall	Harley	-2	ATI	11ENG - 0001, 3	B	ATI	11ENG - 0001, 3	C+

1. Use the blue menu bar to move to **Cohort Subject At Risk**.
2. Select the cohort and then the starting and ending result periods.
3. Users are able to select all subjects or an individual subject for analysis.
4. Alternatively, users may select a **Subject Basket**.

A basket groups multiple subjects within a specific field. Examples of common subject baskets are listed below:

- **Science:** Chemistry, Physics, Biology, etc.
- **English:** English, General English, Literature, etc.
- **Maths:** Mathematical Methods, Specialist Maths, General Maths, etc.

5. Select whether the application should return students above or below the benchmark.
6. Select the number of GPA points to be used as the benchmark.
7. The table will trace the result, class and teacher over time.
8. Clicking on an individual student's ID will produce their transcript below.
9. These results may be exported out into Excel.

Cohort Leaders

The fourth tab on the menu bar is **Cohort Leaders**. This identifies the highest and second-highest performing student within a cohort.

Demonstration School Learning Analytics Suite (TrackOneAdmin) (Sign Out)

► Cohort Academic At Risk ► Cohort GPA At Risk ► Cohort Subject At Risk ► **Cohort Leaders**

Cohort Leaders

Cohort Leaders

Current Year Group: Year 12

Result Period: Sem 2, 2019

Weight: 1.0

Add

Current Year Group	Result Period	Weight	
12	Sem 1, 2019	1	✕
12	Sem 2, 2019	1	✕

Remove students from list if they do not have a result in all selected reporting periods

Year Level		Student Id	Student Name	Result	GPA
12	First	S537541	Lexi Fletcher	A	14.58
12	Second	S257144	Lily Thomsen	A	14.09
12	Second	S494423	Niamh Magusin	A	14.09
12		S872954	Eliza Toews	A-	13.59
12		S868226	Leo Nelson	A-	13.33
12		S852764	Callum Bodnum	A-	13.25
12		S217148	Jack Glover.	A-	13.17
12		S697974	Leon Ponce De Leon	A-	13
12		S776347	Faith Gallagher	B+	12.84
12		S665139	Layla Stewart	B+	12.83

1. Use the blue menu bar to move to **Cohort Leaders**.
2. Select the cohort, result period and weighting (explained below) to be assigned to that period. Finish by clicking **Add**.
3. The chosen cohort and result period will then appear in the right-hand table. Users are able to include multiple result periods on which to base results. For instance, in the example shown, Semester One 2019 and Semester Two 2019 have been used. To include a second (or third, etc.) result period, return to the cream-coloured component, select the additional result period and click **Add**. This period will then be included in the right-hand table. Users are also able to assign different weightings to the chosen periods. For instance, they may wish for Semester Two 2019 results to be weighted twice as much as Semester One in the calculation. In the example above, both semesters have been weighted equally. Click **Calculate** to produce the results in a table below.
4. Clicking on an individual student's ID will produce their transcript below.
5. These results may be exported out into Excel.