Achieve3000 Data Extract Schema (DPU utility)

Achieve3000 data extracts which are generated by its DPU utility are created for a specific date range specified by the district and the data is returned in a comma-separated text file, which can be imported into Excel. The name of the file is {date & time requested}_D{district id}_{school year}_S{start date (if not school start)}_E{end date (if not current)}_{contents}_{students or teachers}.csv. Two extract types supply student or teacher data as specified in the last parameter in the file name.

Key data metric interpretation guidelines

Activities: The multiple-choice Activities are a critical component of Achieve3000's Five-Step Literacy Routine and a simple indicator of the degree to which students are applying themselves in the program. If a student has 0 value in the "Activities" column but data in the "Pre-test Date" and "Pre-Test Lexile" columns, they have not completed any activities in the system. Research shows that children must complete an average of 2 Activities per week (minimum of 80 Activities per school year) in order to achieve maximum Lexile growth.

Average First Try Score: This number is derived from the sum of Activity first-try scores divided by the sum of all activities completed ("Activities" column). Students who score 75% or higher on the multiple-choice Activity on their first try are identified as working within their instructional zone and thus reporting on this measure is a key indicator for student literacy development.

Pre-Test data: All students who have been associated with a class during the date range are included in the population, including those who have not taken a Pre-Test. You may wish to exclude students who have not taken a Pre-Test from analysis of Lexile scores and growth. However, it is possible that these students have values in the "Current Lexile Level" column, which is carried over from usage from a previous school year. Also, users without a Pre-Test will usually not have any usage in the system (e.g. Activities).

Lexile Growth: You can derive Lexile growth from the difference between "Pre-Test Lexile" and "Current Lexile Level". There can be negative Lexile growth in addition to positive or no growth.

Language: Achieve3000 content is available in English and Spanish. In the student-level file, all usage (e.g., activities, average first try score) and performance (e.g. Lexile and CCR) is reported for work completed in the student's primary language classes only. For example, if a dual-language student has Full Spanish listed as their primary language, then Spanish usage and performance data will be populated. Whereas if English (US) or Spanish Support is listed as their primary language, then English usage and performance data will be populated.

Student-level extract columns and descriptions:

Extract Column	Description
District ID	The Achieve3000 ID for the district
District	The name of the district
District Status	Can be 'Active" for districts with an active order or 'Expired' for districts without an active order
Purchasing Entity	All reporting groups associated to this district

School ID	The Achieve3000 ID for the school. Only schools that have users included in the report are listed
School	School Name
User ID	Achieve3000 assigned ID for the user. Cannot be blank
Student ID	School assigned ID for the student. Not all districts and schools store their student IDs in our database, so this column can be blank
Student Name	Last name, first name
Grade	The grade assigned to the student's profile. **Note:** The student's grade does not always match the grade of their class. A student who is in grade 5 can be placed in a 6th grade class. This column displays the student's grade, not the grade of the class in which the student is active
Language ID	The numerical ID of the student's primary language • 1 = English (US) • 2 = Full Spanish • 3 = Spanish Support
Language	The student's primary language. Data shown represent work completed in this language. • English (US) • Full Spanish (work is completed in Spanish) • Spanish Support (work is completed in English with Spanish supports present)
ELL	'Y' if the user is an English Language Learner
SPED	'Y' if the user is in Special Education Placement
Editions	Can be Language, Intervention or Enrichment
Total Logins	All logins to the selected programs in the report date range. Includes logins during school hours, after school logins, and weekend logins
First Login	First login to the selected programs in the report date range
Last Login	Last login to the selected programs in the report date range
After School Logins	All logins to the selected programs that occurred after the school hours set on the school record, and all logins over weekends and holidays
Activities	All basic multiple-choice activities for News category
Average First Try Score	All activities included in 'Activities' column are included in the calculation. Calculation: Sum(Activities * Average Score) / Sum(Activities) We take the sum of the product of activities and average score for every day during the date range that the user completed activities and divide it by the sum of all activities the user has completed during the date range.
Passing Activities	All basic multiple-choice activities for News category with a score of 75 or above
Invalid Activities	All invalid basic, bonus and stretch multiple-choice activities for News category. Activities can be marked invalid for any of 3 reasons: invalid answer sequence, completed too quickly or completed too slowly.
Total Activities	All basic, bonus and stretch multiple-choice activities for News category

Average Weekly Activities	All activities included in 'Activities' column are included in this calculation: Calculation: Round(Sum(Activities) / (Number of days between last login & pre-test date / 7), 1). We take the sum of all activities completed during the date range and divide it by (the number of days between last login and pre-test date divided by 7), and we then round this number to one decimal place.
Writing Assignments	The count of Thought Questions, Writing and Open-ended Questions completed in the reporting period
Program Hours	All time spent in the selected programs during the report date range. Includes after school hours.
Pre-Test Date	The date the student took the pre-test for that school year
Pre-Test Reading Level	The reading level after the pre-test
Pre-Test Lexile	The Lexile score after the pre-test
Interim Date	The date the student took the interim test for that school year
Interim Reading Level	The reading level after the interim test
Interim Lexile	The Lexile score after the interim test
Post-Test Date	The date the student took the post-test for the reported school year
Post-Test Reading Level	The reading level after the post-test
Post-Test Lexile	The Lexile score after the post-test
Last Adjustment Date	Date of the last Lexile score adjustment
Current Reading Level	The reading level on the last day of the report date range
Current Lexile Level	The Lexile level on the last day of the report date range
Expected Lexile Growth	Expected Lexile Growth for a student is the growth that would be typical for a student who started the school year with the same Lexile score. It is calculated based on a growth model developed by MetaMetrics. A student's current Expected Lexile Growth is calculated using the student's Pre-Test Lexile score and the number of days that have elapsed from the Pre- Test date to the last day of the month prior to the report end day. However, if a student had an adjustment between the last month's last day and the report end date, we will use the adjustment date.
College and Career Readiness (current)	College and Career Readiness based on the current Lexile score. Note that this does not indicate whether a student is currently ready for college and career, but instead indicates whether they are on track to be ready when they finish Grade 12. Students are identified as "Falls Far Below". "Approaches", "Meets", or "Exceeds" college and career readiness according to the Lexile bands developed by MetaMetrics for each grade level.
College and Career Readiness (pre-test)	College and Career Readiness based on the LevelSet Pre-Test Lexile score. Note that this does not indicate whether a student was ready for college and career at the time of their Pre-Test, but instead indicates whether they were on track to be ready when they finish Grade 12. Students are identified as "Falls Far Below". "Approaches", "Meets", or "Exceeds" college and career readiness according to the Lexile bands developed by MetaMetrics for each grade level.

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Manual Adjustments	All manual adjustments from between the pre-test and the report end date
Top Career Cluster	The career cluster for the student's top career
Top Career Name	The student's top career on the day the report is run
Reading Connections: Summarization	Count of Summarization entries from basic and bonus reading connections
Reading Connections:Generate Questions	Count of Generate Questions entries from basic and bonus reading connections
Reading Connections:Setting the Purpose	Count of Setting the Purpose entries from basic and bonus reading connections
Program	Displays all programs that are included for this student
District School ID	District-assigned ID for the school. Not all districts and schools store their school IDs in our database, so this column can be blank
Pre-Test Percentile Rank	Percentile rank (i.e., the proportion of MetaMetrics' 2017 Fall Lexile National User Norm sample with a lower Lexile score) based on the LevelSet Pre-Test Lexile score
Pre-Test Normal Curve Equivalent	Normal Curve Equivalent (i.e., NCE; a standardized score based on a mean of 50 and a range of 1 to 99 along an equal-interval scale) calculated from the LevelSet Pre-Test Percentile Rank. Because of their equal-interval scale, NCE's can be averaged to compare different groups of students.
Interim Percentile Rank	Percentile rank (i.e., the proportion of MetaMetrics' 2017 Winter Lexile National User Norm sample with a lower Lexile score) based on the LevelSet Interim Lexile score.
Interim Normal Curve Equivalent	Normal Curve Equivalent (i.e., a standardized score based on a mean of 50 and a range of 1 to 99 along an equal-interval scale) calculated from the LevelSet Interim Percentile Rank. Because of their equal-interval scale, NCE's can be averaged to compare different groups of students.
Post-Test Percentile Rank	Percentile rank (i.e., the proportion of MetaMetrics' 2017 Spring Lexile National User Norm sample with a lower Lexile score) based on the LevelSet Post-Test Lexile score
Post-Test Normal Curve Equivalent	Normal Curve Equivalent (i.e., a standardized score based on a mean of 50 and a range of 1 to 99 along an equal-interval scale) calculated from the LevelSet Post-Test Percentile Rank. Because of their equal-interval scale, NCE's can be averaged to compare different groups of students.
College and Career Readiness (interim-test)	College and Career Readiness based on the LevelSet Interim Lexile score. Note that this does not indicate whether a student was ready for college and career at the time of their Interim test, but instead indicates whether they were on track to be ready when they finish Grade 12. Students are identified as "Falls Far Below". "Approaches", "Meets", or "Exceeds" college and career readiness according to the Lexile bands developed by MetaMetrics for each grade level.
College and Career Readiness (post-test)	College and Career Readiness based on the LevelSet Post-Test Lexile score. Note that this does not indicate whether a student was ready for college and career at the time of their Post-Test, but instead indicates whether they were on track to be ready when they finish Grade 12. Students are identified as "Falls Far Below". "Approaches", "Meets", or "Exceeds" college and career readiness according to the Lexile bands developed by MetaMetrics for each grade level.

Teacher-level extract columns and descriptions

Extract Column	Description
District ID	The Achieve3000 ID for the district
District	The name of the district
School ID	The Achieve3000 ID for the school. Only schools that have users included in the report arelisted
School	School Name
User ID	Achieve3000 assigned ID for the user. Cannot be blank
Teacher Name	Last name, first name
Logins	All logins to the selected programs in the report date range. Includes logins during schoolhours, after school logins, and weekend logins.
Program Hours	All time spent in the selected programs during the report date range. Includes after schoolhours.
Student Work Assigned	Count of student work assigned to specific students via the Mailbox. This does not includeany work assigned via My Lessons.
Writing Assignments Graded	Count of all writing assignments graded
Programs	Displays all programs that are included for this teacher

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