



Alpine Achievement is a custom-designed, web-based data management and reporting system with a rich set of tools designed to help educators and educational administrators access, analyze, powerfully use, and distribute student assessment and related data. Created in 2001 and developed by a highly credentialed district assessment director and an innovative Internet software system architect and developer, the Alpine system is fast, flexible, and relevant - balancing accessibility, security, and control.

Currently Available Systems

- Our flagship, award-winning* CSAP (Colorado Student Assessment Program) System, which includes district, school, student, and custom group reports in many formats, AYP, accountability and longitudinal reports, and built-in alignment with the file specs, item maps, and standards associated with the test,
- A similar system for NWEA MAP tests, and
- A Literacy System, which provides centralized and standardized management of literacy data for districts, allowing teachers to add and look up literacy assessment information and helping districts minimize the time and effort needed to assemble, monitor, and summarize this information. The system also incorporates research-based instructional strategies that become part of Individual Literacy Plans for students who need additional interventions in reading.
- In addition, Alpine is currently developing a generalized achievement data warehouse and reporting system, which promises to provide similar power, flexibility, and ease-of-use as our currently-available systems, but for just about any type of assessment data (with specifications for many widely-used assessments pre-programmed into the system) and even some non-assessment student data. We are targeting Fall 2006 for a beta release of this system.

Reports for All Students, Disaggregations, and Custom-Defined Groups

Alpine's systems provide a wide variety of reports, including summary reports with graphics and tables for districts and schools in ready-to-print PDF format (including longitudinal/historic trends and disaggregations), summary graphs in web graphic form suitable for import into other software applications, individual student reports, roster lists of student results in spreadsheets format, and printable labels of each student's scores.

With these reports alone, Alpine can deliver a great deal of useful information quickly and easily. But Alpine provides other features that exponentially increase flexibility and relevance - allowing almost all reports to shift effortlessly from indicating, "how did ALL students do?" to "how did MY students do?" For example, within each Alpine system, users are able to select a "View," which governs which students and which data their reports will show. Basic Views include all current students, all next-year students, and all data for the selected test year/period. Reports produced via each of these basic Views tell a different and relevant story. Views also can be restricted to subgroups of students:

- Student Groups allow Alpine users to define a list of students and produce reports on just those students. Student Groups can be created one at a time by a single end-user, or en masse behind the scenes and shared with many users. Student Groups are commonly used to identify teachers' classes of students.



- Demographic Groups behave similarly to Student Groups, but instead of representing specifically selected students, they identify students or data records with common demographic characteristics. Example: a simple demographic group could provide a quick answer to the question of "What are the strengths and weaknesses of my Hispanic females?" or "Which students performed just below the proficient cut point on the most recent state reading test?"

Administrative Tools

- *User Administration*: Alpine gives clients a great deal of control and flexibility over who can access the reports and tools within their account, and specifically what each user can and cannot see and do within the system. Individual systems, access to all vs. a limited set of students, certain reports and tools, and even sensitive demographic fields or item-level data can easily and independently be turned on or off for different groups of users.
- Student demographics, custom-defined student groups, and lists of users are all able to be *uploaded in bulk*, and can also be set to *import automatically* at regular intervals.
- *Assessment data files are uploadable from your desktop* (and may be automated in some cases), and the system has algorithms built in to help ensure that incoming data records are correctly connected to students. Alpine's *data scrubbing tools* help streamline the process of finding and cleaning up mis-filed data due to inaccurate ID numbers or names.
- Clients can define and populate their own student *demographic fields*. These fields can then be used to create *Demographic Groups* – a very useful feature for analysis of program effectiveness.
- Alpine provides a *File Exchange System* that allows the secure transfer of electronic documents within the district.
- Users can adjust their minimum-N value in order to cause summary reports to hide details for subgroups with low Ns if a report is intended for a public audience, or to un-hide those details for internal-use-only reports. All Alpine reports of client data are generated on-demand, so reports always nimbly follow minimum-N and View setting changes.

Hardware Requirements, Training and System Documentation

The Alpine system is web-based, and the only technical requirements to use the system are an internet-connected computer, a reasonably modern web browser, Adobe Acrobat Reader to display PDF-formatted reports, and Microsoft Excel to display and work with spreadsheet reports. We also ongoingly upgrade the system with new features, tools, and documentation - and because the system is web-based and centrally managed, upgrades can be made available instantly to all clients.

Alpine provides extensive support documentation and step-by-step guides throughout the system to assist with technical and instructional uses of the data, and we offer training and consulting to further support the system. Please contact us for details!

** Alpine Achievement Systems won First Place for Alternative Reporting Methods (2003) and No Child Left Behind Materials (2006) at the American Educational Research Association (AERA) Division H publications competition.*