

## Enhancements in Morningstar Direct<sup>SM</sup> Performance Reporting & Investment Scorecard

Mar 10 Release | Ver 3.8

- ▶ Email calculated performance reports to Recipients using batch management
- ▶ Schedule reports to run on the n-th day of the month using batch management
- ▶ Include user-defined Notes for investments
- ▶ More menu options when right-click on column headers
- ▶ Additional time period selection options
- ▶ Use "Relative to" option to calculate Investment Scorecard, filter, and apply conditional formatting

Sep 09 Release | Ver 3.7

- ▶ Apply rules-based formatting to a performance report including cell fill color, text color, and bold font type
- ▶ Select and right-click report rows to highlight in different colors
- ▶ Apply user-defined Custom Security Info within performance reporting
- ▶ Synchronize investments added/removed within Investment List or Search Criteria with Performance Reporting and vice versa
- ▶ Expand the limit of investments to be included in peer groups
- ▶ Calculate rank for Display Benchmark within report
- ▶ Include the 5<sup>th</sup> and 95<sup>th</sup> breakpoints for summary statistics
- ▶ Click Show Benchmarks button on Group Settings dialog to quickly display the benchmark used when calculating report
- ▶ Option to hide supplementary and performance data points and rank columns from view and export
- ▶ More menu options when right-click on report column headers to quickly modify report set-up
- ▶ Create custom Investment Scorecard grades for non-numeric data points including Morningstar Rating<sup>TM</sup>, Fees Grade, Overall Stewardship Grade, etc.
- ▶ Improve report calculation run-time
- ▶ Calculate bid/offer return type

Mar 09 Release | Ver 3.6.1

- ▶ Move Performance Reporting out of Workspace in main left hand navigation
- ▶ Use wizard as a guide to set-up performance reports
- ▶ Filter a calculated report on available data points and ranks in the report
- ▶ Include imported user-defined security name, grade, ID, category, and benchmark in report
- ▶ Apply new user-defined rules-based grading system to score investments and apply weights to the scores to generate a weighted score-based report
- ▶ Standardize Investment Scorecard based on percentile rank
- ▶ Add new columns to report by right-clicking on column headings of main report screen

Dec 08 Release | Ver 3.6

- ▶ Introduce Investment Scorecard
  - ▶ Evaluate investment performance based on a user-defined grading system
  - ▶ Select critical performance data points for analysis
  - ▶ Assign custom weights to each selected performance factor
- ▶ Include constituents of user-created portfolios (Aggregates and Custom Funds)
- ▶ Save and modify Search Criteria used to select report investments
- ▶ View report Search Criteria on performance reports and in exported output

---

Dec 08 Release (cont'd)

- ▶ Generate charts and reports in Performance Reporting
- ▶ Include a second Display Benchmark
- ▶ Select pre-defined Display Benchmarks
- ▶ Enhance performance for faster report calculation

---

Oct 08 Release | Ver 3.5

- ▶ Batch reports and specify format and location on network to save output
- ▶ Schedule date and time to run batch reports
- ▶ Send reports to other Authorized Users
- ▶ Improve user-defined settings
- ▶ Archive reports
- ▶ Access more data points for report

---

May 08 Release | Ver 3.4

- ▶ Introduce Performance Reporting capability to organize and group investments any way you want all on the same list
- ▶ Create unique peer groups for each display group, or use the Morningstar Category
- ▶ Customize benchmarks for both display and MPT statistics at the group and individual investment level
- ▶ Auto-float dates for the most up-to-date performance – even daily
- ▶ Rank any data point over any time period against user-defined peer groups, Morningstar Category, or relative benchmark
- ▶ Include supplemental data such as the Morningstar Rating™ or portfolio statistics
- ▶ Dynamic calculations whenever the report is run and continue to work in Morningstar Direct while the report calculates