An Introduction to:

AIMSweb

Using General Indicators for Universal Screening and Progress Monitoring in a Tiered Service Delivery Model

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Background on the Three Main

SUMMATIVE

DIAGNOSTIC

FORMATIVE

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Types of Assessment that Inform Practice

Summative Data:
Tells us if students "**got there**" successfully, once instruction is complete
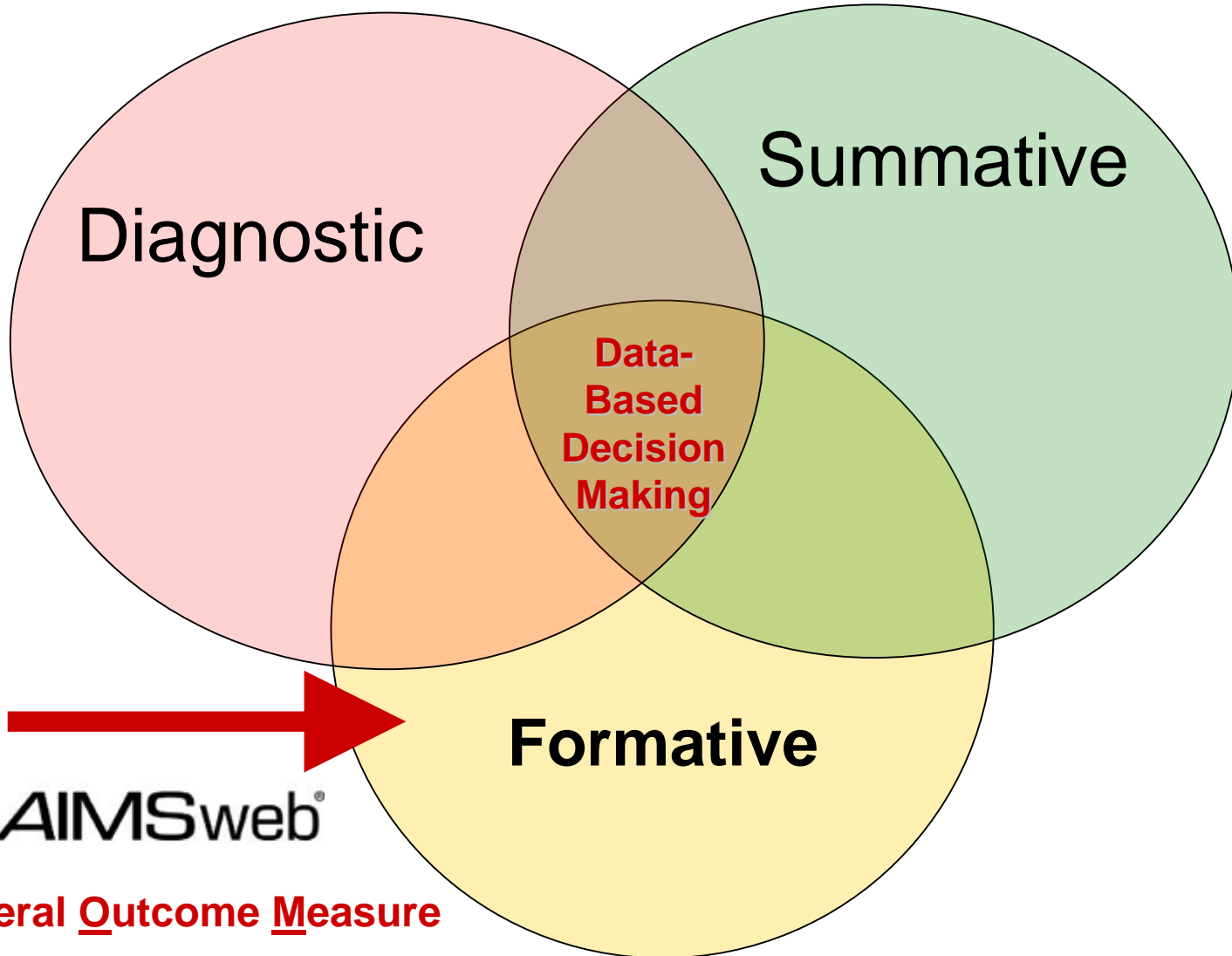
Diagnostic Data:
Collect for some students. Provides a deeper understanding and information that allows us to **"zone in"** on the right type of instruction and/or supports needed to promote achievement

Formative data allows us to:

- Understand students' baseline performance & ongoing growth
- Monitor progress toward successful performance
- Adjust instruction based on data; thus, you can:
- *"Do something about it"* every step of the way

Where does AIMSweb Fit Within the Broader Assessment Picture?

Diagnostic

Summative

Data-Based Decision Making

Formative

General Outcome Measure

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What is AIMSweb?

AIMSweb is a **universal screening** and **progress monitoring** system for academics and behavior based on:

Brief, *direct,* and *continuous* student assessment

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AIMSweb Consists of Three Components
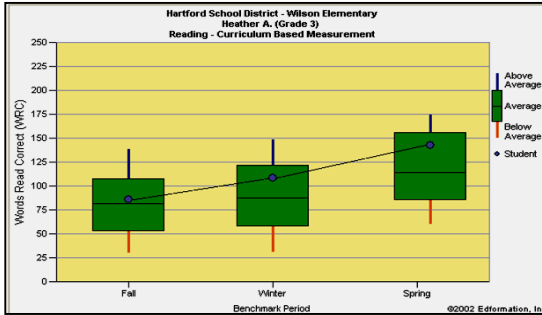
Universal Screening / Benchmark
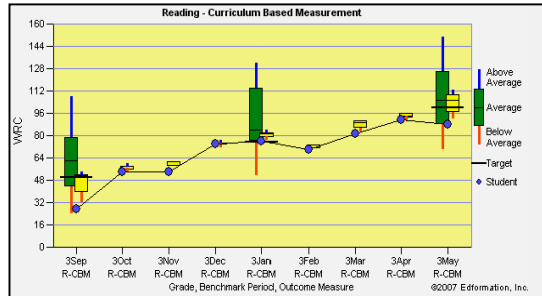
Strategic (Monthly) Monitoring

Frequent Progress Monitoring

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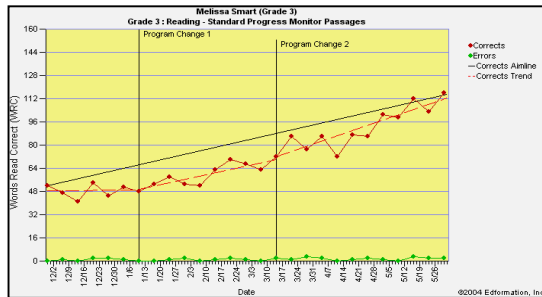
Who uses AIMSweb?

AIMSweb assists *everyone* from the administrator to the classroom teacher in improving what they do to facilitate student achievement.

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AIMSweb utilizes CBM and General Outcome Measures/General Indicators

- *Curriculum-Based Measurement (CBM)* was developed nearly 30 years ago by Stanley Deno and others at the University of Minnesota Institute for Research on Learning Disabilities

- *CBM* is supported by about 30 years of peer-reviewed, school-based research with thousands of journal articles to date—and growing!

- *CBM* is a type of *General Outcome Measure / Indicator*

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General Indicators (GI)/ General Outcome Measures (GOM)

Getting a "check-up?"

What are some of the "routine" measurements your doctor takes?

- Height

- Weight

- Blood pressure

- Pulse

- Temperature

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Blood Pressure as a GI/GOM

Blood pressure is a predictor of health:

- – **Normal** blood pressure is <u>one</u> indicator that suggests overall health is **good**

- – **High** or **Low** blood pressure suggests health concerns and or may predict future health **problems**

- – It is not the only indicator—but it is a reliable, valid, brief, efficient one

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Unique Advantages of AIMSweb Measures

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- Correlates *strongly* with **"best practices" and research-supported methods for assessment and instruction.**

- ***Sensitive to improvement*** of students' achievement over time

- ***Focus*** is on **repeated measures of performance and trends in the data. Not just one score.**
  (*This cannot be done with most other norm-referenced and standardized tests due to practice effect or limited forms.*)

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AIMSweb in Four Steps

OR

Step 1: Briefly Assess Students

Step 2: Record Scores

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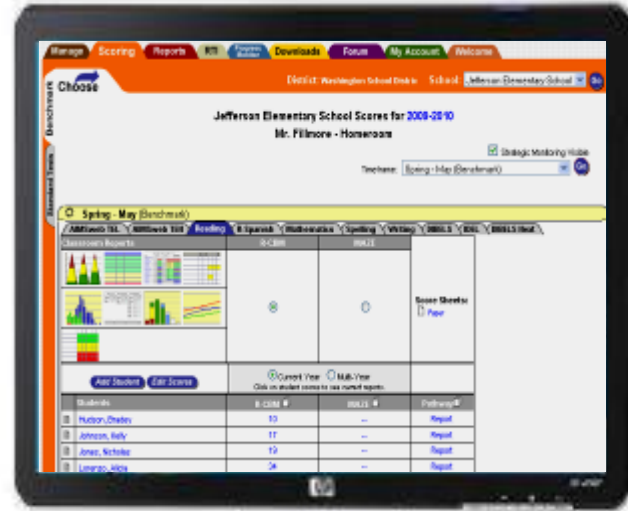
AIMSweb in Four Steps
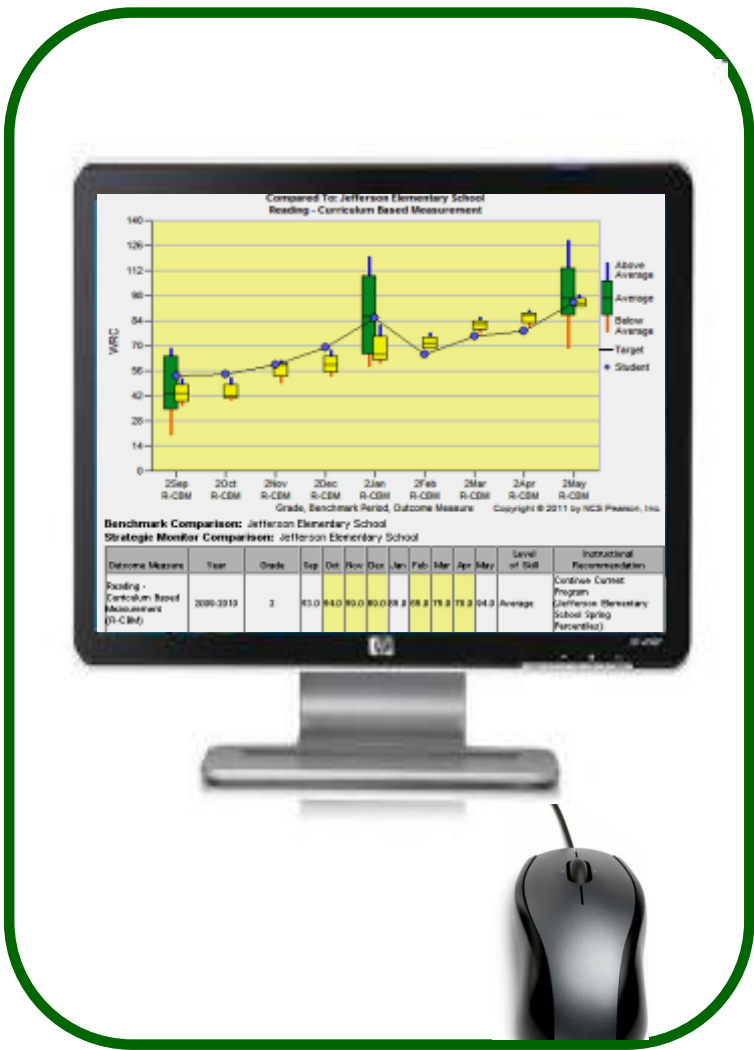
Step 3: Analyze Instant Reports
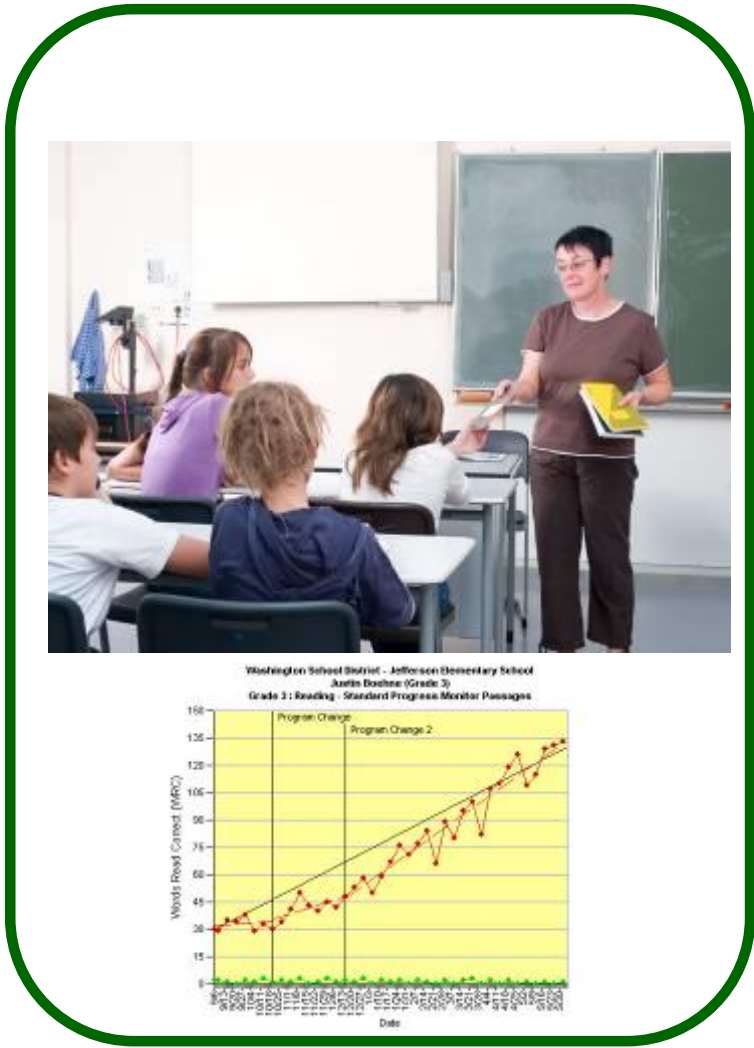
Step 4: Use Data Regularly to Inform Instruction

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Universal Screening / Benchmark Assessments

Hartford School District - Wilson Elementary
Heather A. (Grade 3)
Reading - Curriculum Based Measurement
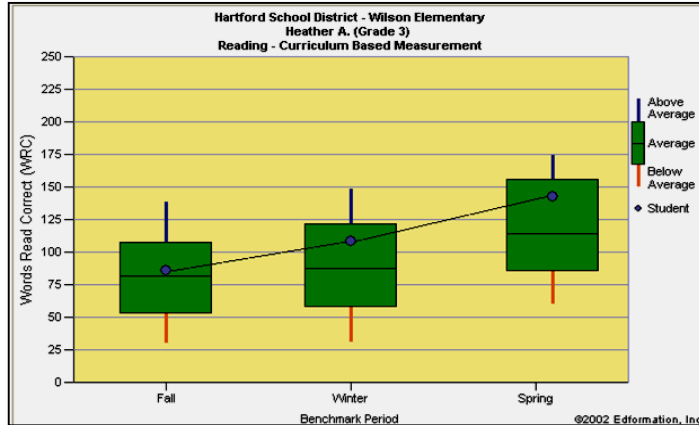
- **Universal Screening <u>on grade level</u>** 3x/year for all kids on an academic curriculum

- **Program Evaluation** of core / general education programs

- **Identification** of students needing differentiated instruction (i.e., gifted / at-risk)

- **Track growth** over time and against targets

- **Quick** to administer

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Strategic Monitoring / Monthly Assessments

Reading - Curriculum Based Measurement
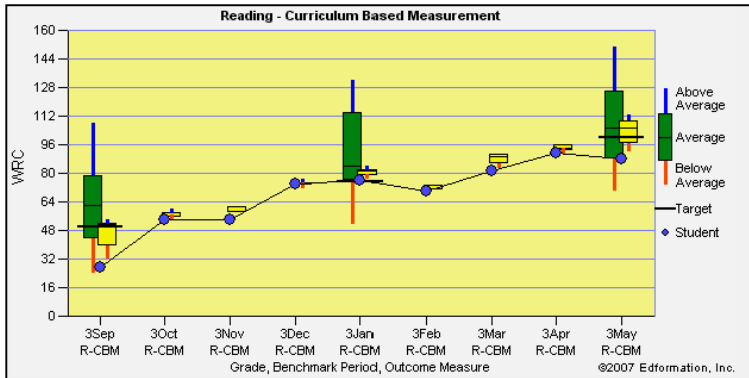
- **Monthly check-ups <u>on grade level</u>** for select students needing mild or moderate levels of differentiated instruction and closer monitoring

- **Quick** way of monitoring efficacy of differentiated instruction

- **Track growth** over time and against grade-level / school targets

- **Quick** to administer

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Frequent Progress Monitoring
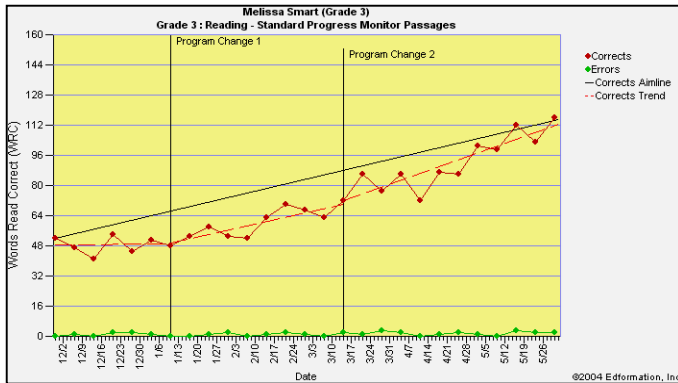
- **Administered on or off grade-level,** depending on severity of achievement gap

- Typically administered **weekly** or every two weeks

- **Quick** way of monitoring efficacy of intensive instruction to close achievement gap

- **Track growth** over time and against **individual student goals**

- **Quick** to administer

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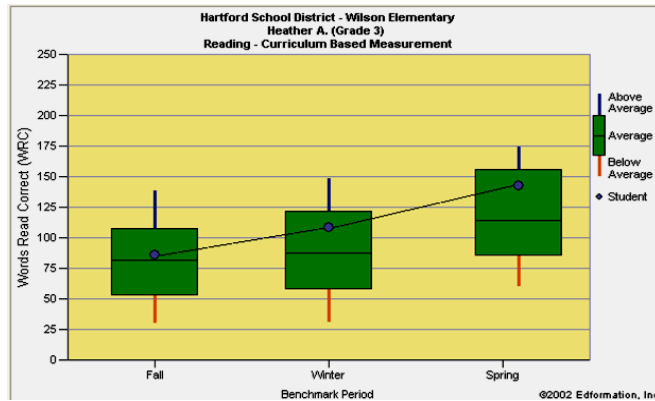
All students need Universal Screening 3x/year to ensure instructional benefit is maintained to ensure normal growth
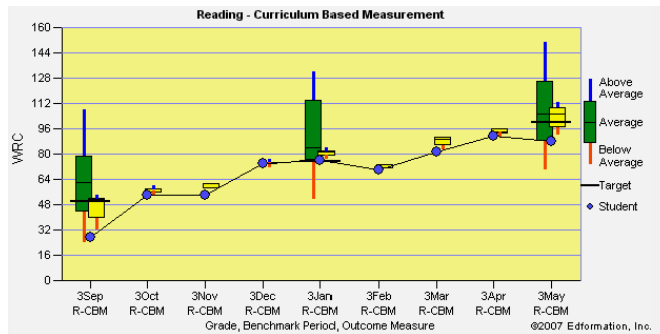
Some students need monthly monitoring plus supports to ensure instructional programs are well-suited and adjusted as needed to "close the gap"
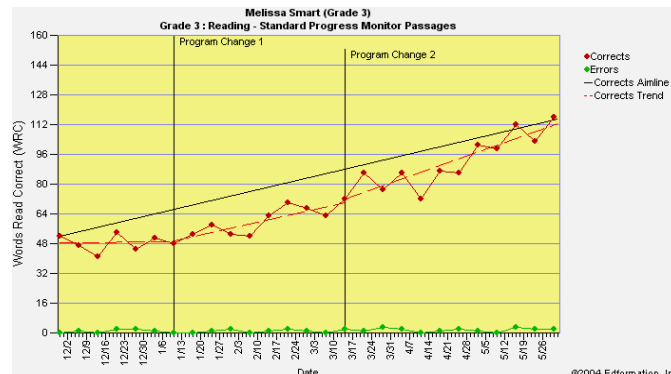
A few students need +/-weekly monitoring plus intensive instruction to ensure programs are well-suited and adjusted as needed to "close the gap"

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How to Use our Data Help Answer Three Critical Questions:

AIMSweb

1. **How are the majority of students who receive Core / General Education instruction progressing?**

   Are program or environmental adjustments at the "**core**" level needed to support those students across groups?
   (E.g., At the class, grade, school, district, or state levels.)

2. **Who are the students at-risk of academic failure? Are they making progress?**

   Are program or environmental adjustments needed to support **at-risk** students individually or across groups?

   How are students receiving tiered services progressing?

3. **How are the "high flyers" doing? Are they progressing?**
   Are program or environmental adjustments needed to support those students individually or across groups?

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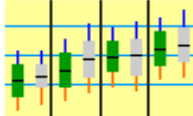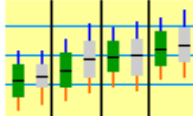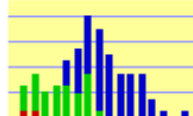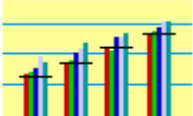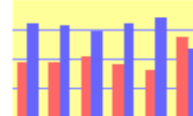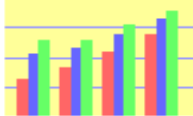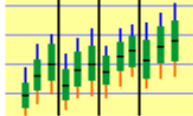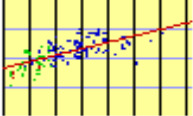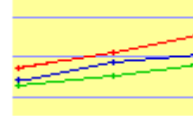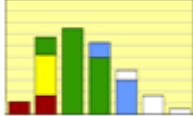
The POWER of AIMSweb: More Reporting Options Available Once Your Data are Entered!