

# Recommended Metrics for Agile Methods

- **Traditional (Core):** Size (*Lines of Code*), Productivity (*Lines of Code per Hour*), Quality (*Defect Density, a.k.a, Defects per Thousand Lines of Code*), Effort (*Hours*), Cost, Schedule, etc.
- **Traditional (Extended):** Size (*Function Points*), Complexity (*Cyclomatic*), Quality (*FURPS*), Risk, Priority, Cycle Time, Business Value (*ROI, NPV, IRR, Real Options*), Customer Satisfaction (*CUPRIMDA*), Reliability, EVM (*CPI, SPI*), etc.
- **Agile (Core):** Size (*Story Points*), Risk, Business Value, Priority, Velocity, Burndown, Burnup, Running Tested Features, etc.
- **Agile (Extended):** Cumulative Flow, AgileEVM, Earned Business Value (*EBV*), Real Options, etc.
- **Agile (Advanced):** Customer Collaboration (*Customer Communications, Trust, Loyalty, Retention, Satisfaction, Delight*), Individuals & Interactions (*Team Competence, Motivation, Cooperation, Communication, Cohesion, Trust*), Working Software (*Number of Inspections, Tests, Builds, Iterations, Demos, Deployments, Releases*), Responding to Change (*Flexible Plans, Processes, Documentation, Architecture, System, Technology*).

**BOTTOMLINE (Recommended):** Size (*Lines of Code, Function Points, Story Points*), Productivity (*Lines of Code per Hour, Function Points per Hour, Velocity*), Quality (*Defect Density, FURPS*), Effort, Cost, Schedule, Complexity, Risk, Priority, Cycle Time, Business Value (*ROI, NPV, IRR, Real Options, EBV*), Customer Satisfaction, Reliability, Burnup, Burndown, Running Tested Features, Cumulative Flow, AgileEVM, Advanced Agile Measures.