

Alternative Six Sigma Approaches

DMAIC	Define—Measure— Analyze—Improve— Control	Solve problems and drive incremental business improvements(e.g., fine-tune an existing process or product)
DMAD(O)V*	Define—Measure— Analyze—Design—(Optimize)--Verify	Solve problems and drive radical improvement(e.g., re-engineer an existing process or product)
Lean	5S's**; Value Stream Mapping;Cycle Time Analysis	Reduce the size of a process by simplifying it, reducing non-value added tasks, and optimizing cycle times
DFSS	Design—For—Six— Sigma	Apply Six Sigma to product development, beginning with portfolio, marketing, engineering, research, sales, and the supply chain

* DMAD(O)V = define, measure, analyze, design, (optimize), verify.

**5S's = sort, straighten, shine, standardize, and sustain