

**APPENDIX TABLE 3A-1.** Examples of outcomes and metrics that may yield short- and longer-term insights about the impact of policies designed to address critical technologies in the three domains of criticality.

Domain of criticality	Cross-cutting short-term impact indicators	Technology-specific short-term impact indicators	Synoptic/long-term impact metrics
US national security and that of our allies	Adequate/diverse raw material supplies; adequate/diverse intermediate product supplies	Defense budget as % of GDP; force ratios; wargame outcomes; DHS border security metrics	Years w/o major conflict; cumulative metrics of battlefield performance; effective arms control agreements
US economic well-being		For specific technology innovations: impact on US competitive position; change in employment levels; change in wage levels; other impacts on people	GDP; TFP; % employed; median household disposable income; GINI coefficient
US social well-being		For specific technology innovations: short-term equity impacts; results from focused survey research	Life expectancy; mean and variance in quality-adjusted life years; US and global environmental and ecological quality