ENGINEERING AND PROGRAMMING 13% **59,592** jobs, 2012 **PROJECTED CHANGES** Accelerated growth in tech-based Median wage: \$24 to \$44 hourly jobs, e.g., applications and systems Require: **BA degree or beyond** software developers **+7% Job growth,** 2002-12 **LOW-TO MID-SKILL PRODUCTION** 29% **PROJECTED CHANGES** 136,026 jobs, 2012 Continued decline in low-skilled Median wage: \$10 to \$22 hourly and manual trades, e.g., manual lathe and turning machine operators Require: Vocational training Growth in tech-based trades e.g., **-22% Job loss,** 2002-12 CNC machine operators **HIGH-SKILL PRODUCTION** 8% PROJECTED CHANGES **39,153** jobs, 2012 Modest growth in skilled trades, Median wage: \$19 to \$27 hourly e.g., mechanics, welders Require: Advanced vocational training **-21% Job loss,** 2002-12 23% CARGO AND SHIPPING **110,083** jobs, 2012 PROJECTED CHANGES Median wage: \$10 to \$25 hourly Continued strong growth in freight, Require: Vocational training **+4% Job growth,** 2002-12 ISINESS OPERATIONS 27% **PROJECTED CHANGES** Slow growth mirroring U.S. economy, Occupations not unique to Require: Various manufacturing cluster **-12% Job loss,** 2002-12