

# Recommendations for Crime Control

# Target below Tasks in Decreasing Priority

- ▶ INCREASE the % of citizens (25+ yrs.) having at least high school education; 10X impact on crime reduction
- ▶ REDUCE annual police funding; 5X impact
- ▶ REDUCE the % of secondary school drop outs (16-19 yrs.); 4.5X impact

# Key Factors driving Crime

- ▶ Police funding shows strongest DIRECT relationship, with Pearson correlation coefficient = +0.5
- ▶ % of students (16-19 yrs.) who drop out BEFORE high school, ENCOURAGES crime, correlation = +0.3
- ▶ % of citizens (25+ yrs.) with AT LEAST high school education, DECREASES crime rate, correlation = -0.14
- ▶ % of citizens (25+ yrs.) with ONLY high school education, also DECREASES crime, correlation = -0.16

# Importance of Police Funding

- ▶ All other factors being constant, a \$1 CUT in police funding should result in 5X REDUCTION in crime occurrences per 1M residents
- ▶ May be simply correlation and not causation; Unaccounted factors could be influencing both crime and funding
- ▶ Funding is independent of other 2 education related factors; Below matrix doesn't show strong correlation ( $\geq \pm 0.5$ ; ignore the 1s)

	25 only high school	% of 16 to 19 year-olds not in highschool and not highschool graduates	Annual Police Funding (Dollars per Resident)
25 only high school	1.000000	-0.361431	0.074414
% of 16 to 19 year-olds not in highschool and not highschool graduates	-0.361431	1.000000	0.311526
Annual Police Funding (Dollars per Resident)	0.074414	0.311526	1.000000

# Suggestions to Governor

- ▶ A reasonable next step is ensuring residents are educated at least up to high school level
- ▶ Subsidize education costs, personalize teaching schemes for students (16-19 yrs.)
- ▶ Encourage older citizens (25+ yrs.) to complete high school level training through other means
- ▶ Next alternative could be experimenting with police funding cuts and verifying if it actually reduces crime