Effect of demographic/economic factors on staffing – EPB dataset

* Using both province fixed effects and time fixed effects (effect = twoway)
* Analysis done separately for each level of categorical factor

Age - STB

* Under 30
  + GDP Per capital (6 x 10^-9)
  + GDP (.01431)
  + Public expenditure (0.036)
* 30-35
  + GDP (.044)
  + Urban Area (1.92 x 10^-6)
  + Public expenditure (0.0055)
  + GDP per capital (0.0038)
* 36-40
  + GDP (0.048)
  + Above size industrial (0.014)
  + GDP Per capita (0.01)
* 41-45
  + Public expenditure 0.003
  + GDP per capita (8.75 x 10^-6)
* 46-50 (none)
* 51-54
  + GDP (2.33x10^-7)
  + Urban Area (0.00013)
  + Above size industrial (0.0006)
  + GDP per capital (6.41x10^-6)
* 55-59 (none)
* 60 and above (none)

Education – STB

* Post graduate
  + Urban area: 1.4 x 10^-6
  + Public expenditure: 8.49 x 10^-5
  + GDP per capita: 2.27 x 10^-6
* Bachelors
  + GDP: 0.0028
  + Public expenditure: 0.0064
  + GDP per capita: 3.55 x 10^-10
* Other post secondary
  + GDP: 0.048
  + Urban area: 2.35 x 10^-5
  + Above size industrial: 0.0057
* Technical College
  + Public expenditure: 0.0055
  + GDP per capita: 4.1 x 10^-9
* High School
  + GDP per capita: 0.004
* Junior High:
  + GDP per capita: 0.0035

Age - LTB

* Under 30
  + GDP: 0.00069
  + Urban area: 0.0456
  + GDP per capita: 2.34 x 10^-6
* 30-35
  + GDP: 0.001244
  + Public expenditure: 7.16 x 10^-6
* 36-40
  + Urban area: 0.0417
  + Public expenditure: 0.0094
  + GDP per Capita: 0.0041
* 41-45
  + Urban area: 0.02
  + Public expenditure: 0.0055
  + GDP per Capita: 0.0099
* 46-50
  + Urban area: 0.00076
* 51-54
  + GDP (0.00027)
  + Urban Area (0.0003911)
  + Above size industrial (0.0048)
  + Public Expenditure (0.038)
  + GDP per capital (0.00057)
* 55-59 (none)
* 60 and above (none)

Education – LTB

* Post graduate
  + Urban area: 0.01322
  + Public expenditure: 0.034
* Bachelors
  + Above size industrial: 0.034
  + GDP per capita: 0.0018
* Other post secondary
  + GDP: 0.012
* Technical College
  + Public expenditure: 0.012
  + GDP per capita: 1.12 x 10^-11
* High School
  + Urban area: 0.045
  + GDP per capita: 0.00021
* Junior High
  + Above Size industrial: 0.012
  + GDP per capita: 0.00053

Unit – STB

* Administrative (None)
* DAE Administrative
  + GDP: 0.0138
  + GDP Per Capita: 0.004
* DAE Non-Administrative
  + GDP: 0.0039
  + Above size industrial: 0.047
* Taxation
  + GDP: 2.662 x 10^-5
  + GDP per capita: 1.788 x 10^-5

Unit – LTB

* Administrative (None)
* DAE Administrative
  + Above size industrial: 0.002
  + GDP per Capita: 0.0019
* DAE Non-Administrative (None)
* Taxation
  + Public expenditure: 0.042
  + GDP per capita: 9.45 x 10^-5