Correlation between the Number of Applicants for Professional Surveyors and Government Fixed Capital Formation/GDP(%) 

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Rapid decrease of students in surveying courses of polytechnic colleges

What is the major cause?

Probably drastic cut of government investment for public work is suspicious, but • • • •
Decrease of fresh students

Number of colleges
17(1996)

9(2012)

decrease of fresh students in surveying courses of polytechnic colleges in Japan

The government fixed capital formation

- The government investment for dams, banks, roads, ports, parks, land consolidation and so on is called the government fixed capital formation.
- It is simply called Ig(Investment of Government)
- Ig is quoted from the National Account
- If Ig decreases, survey works are also expected to decrease.
Changes in Ig and fresh students

THE NUMBER OF FRESH STUDENTS AND IG/GDP (%)
Changes in Ig/GDP and number of applicants for the National Assistant Surveyor Examination

Scatter diagram of the number of fresh students (y) and Ig/GDP (x)
Conclusions

• Students in surveying courses had dramatically decreased.
• Correlation between Ig/GDP(%) and applicants is clear.
• Major cause is decrease of Ig/GDP.
• Government policy GDP ↑ Ig ↓
• Hard time for polytechnic colleges will continue.