

# The Economic Benefits of Service Programs

*Economics III | Minnerva Zou*

# I. Individual Benefits

# The Individual Effect of Service Programs on Economic Standing

## Military Service Programs

- **Mixed opinions on the economic benefit** on service member's lives **after** their service [MZ1] [MZ2] [MZ7]
- There may be a loss in lifetime earnings for the conscripted
  - **Example:** Conscription into the Danish Military [MZ1]

## Civil Service Programs

- There is a correlation between volunteering and higher income following volunteering
  - For youth aged **16-24**, incomes are **~12%** higher for volunteers than non-volunteers [MZ14]
- **Example:** AmeriCorps and Employment Success [MZ3]

## Other Examples of how Service Programs Affect Individual Earnings

- **Military:** veterans had **higher poverty levels** and **lower social welfare** in comparison to non veterans in the 15 years following service in the Vietnam War [MZ13]
- **Civil:** The average yearly stipend for Americorp members is **\$14,520** a year [MZ21]





## Examples of Social and Community Gains

- **Civil:** reduced delinquency among volunteering youth (**crime and substance abuse**) in the years after participation [MZ14]
- **Civil:** Better **health status** among volunteers (affecting mostly youth) [MZ14]

Should economic support from service programs **be the same for all**, or **should there be a sliding scale based on need?**

# Similar discussion: financial aid for college students

- **Universal funding / free college:** [MZ27]
  - **Top 25%** in total family wealth receive **18%** of the free tuition benefits (11% of students at public colleges)
  - **Bottom 25%** in total family wealth receive **16%** of free tuition benefits (14% of students at public colleges)

# Similar discussion: financial aid for college students

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  - **Bottom 25%** in total family wealth receive **16%** of free tuition benefits (14% of students at public colleges)
- **Need-based financial aid:** [MZ26]
  - Difference in financial aid amounts affect students in the **bottom half of the income distribution** the most
  - Increase in funding → increase in **academic persistence** and **graduation likelihood**

## II. National Benefits

# National Volunteering: **Short Term** vs. **Long Term** Benefits

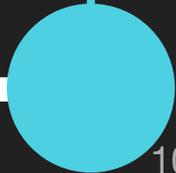
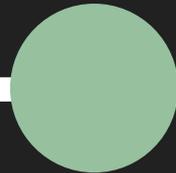
## In the short term:

An **increase** in volunteering is correlated with a **temporary rise** in administrative costs.

[MZ5]

## In the long term:

In the long term, there is a **0.07%** decrease in government spending associated with increasing **1%** of volunteers in public service [MZ5]



80,450

The total social expenditure on civil national service for **80,450** full-time youth members is **~\$1.65 billion**.

250,000

Expanding these national service programs to reach **250,000** members would require **~\$5 billion** in investment. [MZ14]

A **higher benefit-cost ratio** indicates that there are **more** benefits (the value of improved health status, reduction of burden of delinquency on welfare systems, etc.) per **cost**.

250,000

The social benefit-cost ratio increases from **3.9** to **4.6** when accounting for decreasing unit costs. [MZ14]

# Key Takeaways: Individual Benefits

- There are **mixed results** on the economic benefits of **military** service programs.
  - There may be a loss of lifetime earnings for those who serve.
- In **civil service** programs, there is a correlation between **volunteering** and **higher income** following volunteering, particularly for youth.

# Key Takeaways: Individual Benefits

- Current civil service programs have low monetary gains; AmeriCorps members averaging around **\$14,520** in stipends a year.
  - Rather, civil service programs have more social benefits, such as reduced crime/substance abuse.
- **Service Program Financial Aid ↔ College Program Financial Aid**

# Key Takeaways: National Benefits

- **Short term:** an increase in volunteering is associated with an increase in administrative costs.
- **Long term:** an increase in volunteering is associated with a decrease in government spending.

# Key Takeaways: National Benefits

- **Short term:** an increase in volunteering is associated with an increase in administrative costs.
- **Long term:** an increase in volunteering is associated with a decrease in government spending.
- Expanding existing civil national service programs to affect **250,000** members (from 80,450) would require **~\$5 billion** but may also **increase the social benefit-cost ratio** from **3.9 to 4.6.**

# Works Cited

- [MZ1] Bingley, P., Lundborg, P., & Lyk-Jensen, S. V. (2020). *The Opportunity Costs of Mandatory Military Service: Evidence from a Draft Lottery*. *Journal of Labor Economics*, 38(1), 39-66. <https://doi.org/10.1086/704495>
- [MZ2] Lim, H. (2018). *Compulsory military service, civilian wages, and retirement decision: Evidence from Korean individual-level data*. *International Journal of Manpower*, 39(1), 106-132.
- [MZ3] Frumkin, P., Jastrzab, J., Vaaler, M., Greeney, A., Grimm, R. T., & U.a. (2009). *Inside national service: AmeriCorps' impact on participants*. *Journal of Policy Analysis and Management*, 28(3), 394-416. <https://doi.org/10.1002/pam.20438>
- [MZ5] Ivonchyk, M. (2019). *The Costs and Benefits of Volunteering Programs in the Public Sector: A Longitudinal Study of Municipal Governments*. *American Review of Public Administration*, 49(6), 689-703. <https://doi.org/10.1177/0275074019849125>
- [MZ7] Bauer, T. K., Bender, S., Paloyo, A. R., & Schmidt, C. M. (2012). *Evaluating the labor-market effects of compulsory military service*. *European Economic Review*, 56(4), 814-829. <https://doi.org/10.1016/j.euroecorev.2012.02.002>

## Works Cited (Continued)

- [MZ13] Bennett, C. J., & Zitikis, R. (2013). *Examining the Distributional Effects of Military Service on Earnings: A Test of Initial Dominance*. Journal of Business & Economic Statistics, 31(1), 1-15. <https://doi.org/10.2139/ssrn.2093541>.
- [MZ14] Belfield, C. (2013). *The Economic Value of National Service* [Report]. Retrieved from <https://www.aspeninstitute.org/publications/economic-value-national-service-0/>.
- [MZ21] AmeriCorps, Corporation for National and Community Service (2012). *AmeriCorps: Living Allowance Distributions*. Retrieved from <https://www.nationalservice.gov/resources/financial-management/ameri-corps-living-allowance-distributions>.
- [MZ26] Alon, S. (2011). Who Benefits Most from Financial Aid? The Heterogeneous Effect of Need-Based Grants on Students' College Persistence\*. Social Science Quarterly., 92(3), 807-829. <https://doi.org/10.1111/j.1540-6237.2011.00793.x>.
- [MZ27] Chingos, M. M. (2016). *Who would benefit most from free college?* Economic Studies at Brookings Institution. Evidence Speaks Reports, 1(15).