

Understanding the Impact of Department of Defense Youth Programs on Bridging the Civilian-Military Divide

Annex

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About This Annex

Through its funding and implementation of youth programs, the Department of Defense serves communities throughout the United States. The three predominant programs—STARBASE, the National Guard Youth Challenge, and the Junior Reserve Officers' Training Corps—serve more than half a million young people each year. These programs operate in different ways but have a shared commitment to providing service to communities and positive outreach. In this way, these programs have the potential to influence a substantial proportion of the U.S. population and may serve to bridge the civilian-military divide.

While these programs operate in many parts of the country, there is no existing approach to assessing how well the programs are fulfilling the outreach goals of generating awareness of and interest in the U.S. military. To assist the Office of the Assistant Secretary of Defense for Manpower and Reserve Affairs in doing this, RAND Corporation researchers developed an analytic framework to help assess the outreach channels that enable these programs to positively influence their communities and society more broadly.

In this annex, the authors provide survey results and supplementary analyses. The main report is available at www.rand.org/t/RRA2697-1.

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RAND National Security Research Division

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Appendix A. Complete Survey Results from American School Leader Panel

To obtain a national view of schools' approaches to civics education and their perceptions of Department of Defense (DoD) youth programs, RAND Corporation researchers surveyed 664 high school principals between March 14, 2022, and April 26, 2022. The survey took principals an estimated ten minutes to complete and, among other topics, included questions on schools' approaches to civics education, student access to and participation in DoD youth programs, school and community support for these programs, and principals' general dispositions toward the military. The survey was programmed using skip logic to target follow-up questions to principals based on their responses to previous survey items. For example, principals who indicated their schools offered access to Junior Reserve Officers' Training Corps (JROTC) programs were asked follow-up questions about student enrollment and their views of the program, whereas principals in schools without a JROTC program were asked why the school may not have applied to host a program.

Complete Survey Results

Chapter 2 of this report (available at www.rand.org/t/RRA2697-1) presents a subset of data and results from the administration of the American School Leader Panel. Below, we present the full set of data collected using this survey panel, weighted to be nationally representative.

Table A.1. Has Your School Adopted Standards for Civics Education? (*n* = 664)

	Weighted Percentage
No	27
Yes	63
I don't know	10

Table A.2. At What Level Were These Standards Set? (n = 417)

	Weighted Percentage
State	94
Region	1
District or charter management organization	16
School	18
Other (please specify)	1
I don't know	0

NOTE: Respondents were instructed to select all that apply. Only respondents who indicated that their school had adopted standards for civics education saw this question.

Table A.3. Do Students in Your School Have to Pass a Civics Exam for Graduation? (n = 664)

	Weighted Percentage
No	69
Yes	30
I don't know	1

NOTE: A civics exam was defined for respondents as "any standalone assessment that a student must successfully pass for high school graduation (e.g., naturalization assessment, citizenship exam). This does not include a requirement for students to successfully complete coursework in civics, history, government, or social studies."

Table A.4. Where Do Students in Your School Receive Exposure to Civics Education? (n = 664)

	Weighted Percentage
NA—They do not receive civics education at this school.	2
Through standalone civics courses	47
Through structured lessons in related subject instruction (e.g., history, social studies)	71
Through structured lessons in other subject instruction (e.g., math, English, science)	8
Through structured lessons in elective courses	20
Through out-of-classroom or out-of-school time activities	13
Other (please specify)	3

NOTE: Respondents were instructed to select all that apply. NA = not applicable.

Table A.5. To What Extent Are the Following Considerations a Challenge to Teaching Civics at Your School? (n = 660)

	Weighted Percentage				
	This Condition Does Not Exist in My School	This Condition Exists but Is Not a Challenge	Somewhat of a Challenge	A Challenge	Very Much a Challenge
Pressure to focus on core academic subjects leaves little time for civics	41	23	22	12	3
Civics education is not a district or state priority	55	18	15	10	2
Students do not have an interest in civics education	30	30	28	10	1
Student class schedules cannot accommodate additional instruction time	52	13	18	11	6
This school does not have the necessary resources (e.g., textbooks)	63	16	12	6	2
Staff do not have the necessary training/skills to provide civics instruction	63	12	16	6	2
Parents and family members do not support teaching civics in school	71	13	11	4	0
Community members do not support teaching civics in schools	76	12	9	3	0
The current political environment is too controversial for collegial discussion among students	39	22	22	10	7

NOTE: Because of rounding, rows do not necessarily sum to 100 percent.

Table A.6. Which of the Following Academic and Co-Curricular Opportunities Does Your School Offer? (n = 653)

	Weighted Percentage
Athletics, interschool competition	86
Athletics, club	64
Blood drives	74
Civics course(s), required for graduation	55
Civics course(s), elective	26
Civics lessons or curricula, in non-civics courses	40
Class or field trips with a civic or leadership focus	55
Community service, required for graduation	32
Community service, elective	41
Debate team	37
Internships/apprenticeships, for academic credit	48
Internships/apprenticeships, not for academic credit	32
Military recruitment at education/career fairs	65
Mock election	20
Mock trial	26
Model UN	19
Out-of-school time clubs, organizations, or programs with a civic focus (e.g., Key Club, Rotary Interact Club)	62
Student participation in school governance (e.g., school board seat)	43
Student government	80
Student-run news outlet(s) (e.g., newspaper, radio, television, vlog)	48
Voter registration	60
Other (please specify)	3

NOTE: Respondents were instructed to select all that apply. UN = United Nations.

Table A.7. You Identified That Students Must Complete Community Service for Graduation. How Many Hours of Community Service Are Required? (n = 202)

Weighted Mean	
Hours	37

NOTE: Only respondents who indicated that community service is required for graduation saw this question.

Table A.8. As Part of This Community Service Requirement, Must Students Complete a Follow-Up Project or Reflection to Share What They Have Learned? (n = 202)

	Weighted Percentage
No	50
Yes	48
I don't know	2

NOTE: Only respondents who indicated that community service is required for graduation saw this question.

Table A.9. Does Your School Require Students to Complete Courses in the Following Subject Areas for Graduation? (n = 652)

	Weighted Percentage		
	No	Yes	I don't know
Physical education	4	96	0
Health education	11	88	0

NOTE: Because of rounding, rows do not necessarily sum to 100 percent.

Table A.10. How Many Years of Physical Education Must a Student Complete for Graduation? (n = 622)

	Weighted Percentage
0.0–0.99 years	13
1.0–1.99 years	50
2.0–2.99 years	18
3.0–3.99 years	4
4 years	15
I don't know	1

NOTE: Only respondents who indicated that their school requires students to complete courses in physical education for graduation saw this question. Because of rounding, column does not sum to 100 percent.

Table A.11. Please Indicate Your Awareness of the Following Youth Programs (*n* = 652)

	Weighted Percentage		
	Aware and Offer or Have Access	Aware but Do Not Offer or Have Access	Unaware
National Guard Youth ChalleNGe	10	29	61
Junior Reserve Officers' Training Corps (JROTC)	29	63	8
STARBASE	2	15	83
Civil Air Patrol	6	38	56
4-H	34	59	7
Future Farmers of America (FFA)	44	49	8
Future Business Leaders of America (FBLA)	48	45	6
Youth Conservation Corps	4	46	50
Youth Build	3	30	66
Job Corps	31	59	11

NOTE: Because of rounding, rows do not necessarily sum to 100 percent.

Table A.12. Please Identify the Educational Opportunities Offered by Your District for Students Struggling to Complete a High School Degree in a Traditional School Setting (*n* = 651)

	Weighted Percentage
Campus-based alternative schooling	56
Online or virtual schooling	74
Credit recovery programs, school year	92
Credit recovery programs, summer	90
Diploma equivalency testing	22
GED, HiSET, or TASC preparation courses	34
Mentoring and/or tutoring	79
Other (please specify)	2

NOTE: Respondents were instructed to select all that apply. GED = General Educational Development; HiSET = High School Equivalency Test; TASC = Test Assessing Secondary Completion.

Table A.13. Based on Your Best Mental Approximation, What Percentage of Students Attending Your School Last Year (2020–2021) Were Transferred to an Alternative Program or School, Such as One with a Program, Curriculum, or Teaching Approach That Helps Students Who Are at Risk of Dropping Out? (n = 651)

	Weighted Mean
Percentage of students	6

Table A.14. Based on Your Best Mental Approximation, What Percentage of Your Students, in Grades 9 Through 12, Are Currently Enrolled in a Dropout Prevention Program, Either On-Site or Off-Site? (n = 650)

	Weighted Mean
Percentage of students	6

Table A.15. Based on Your Best Mental Approximation, What Was the Graduation Rate of the Class of 2021? (n = 650)

	Weighted Mean
Graduation rate	91

NOTE: Graduation rate was defined for respondents as “the percentage of a 9th grade class who completed high school with a regular diploma within four years.”

Table A.16. Based on Your Best Mental Approximation, What Percentage of the Class of 2021 Graduates . . . ? (n = 636)

	Weighted Mean
Enrolled in a two-year or four-year college or university?	55
Enrolled in a career technical training or development program?	15
Entered the labor market, nonmilitary?	24
Entered the military?	5

NOTE: Respondents were instructed to leave the item blank if they did not know. Respondents were also told that numbers did not need to add up to 100 percent.

Table A.17. Has Your School Applied for a Junior Reserve Officers’ Training Corps (JROTC) Program? (n = 419)

	Weighted Percentage
No	88
Yes	7
I don’t know	5

NOTE: Only respondents who indicated that they are aware of JROTC but that their school does not offer students access saw this question.

Table A.18. Does Another High School in Your District/Community Offer a JROTC Program? (n = 419)

	Weighted Percentage
No	65
Yes	26
I don't know	8

NOTE: Only respondents who indicated that they are aware of JROTC but that their school does not offer students access saw this question. Because of rounding, column does not sum to 100 percent.

Table A.19. Please Select All of the Factors That Have Contributed to Your School Not Applying to Have a Program (n = 376)

	Weighted Percentage
Do not know enough about the program	27
Do not know what is required to host a program	28
Do not know the process for applying	24
Cost of the program	28
Difficult finding instructors	28
Program does not work well with the student daily school schedule	14
Program does not work well with the school curriculum	8
Students do not want a JROTC program	19
Parents and family members do not want a JROTC program	15
School staff do not want a JROTC program	8
Community members do not want a JROTC program	10
Most students in my school would not benefit from JROTC	9
My school offers other, similar leadership programs. Please name those programs	2
Other (please specify)	16
I don't know	10

NOTE: Respondents were instructed to select all that apply. Only respondents who indicated that they are aware of JROTC but that their school does not offer students access and who indicated their school has not applied for a JROTC program saw this question.

Table A.20. Approximately How Many Students Are Enrolled in the Junior Reserve Officers' Training Corps (JROTC) Program This School Year (2021–2022)?

This survey item was administered with an error in the programming, such that respondents' answers are implausible and, therefore, invalid. We do not present results for this survey item.

Table A.21. Please Indicate the Extent to Which You Agree or Disagree with Each of the Following Statements (*n* = 169)

	Weighted Percentage				
	Strongly Disagree	Disagree	Agree	Strongly Agree	I Don't Know
JROTC provides important leadership opportunities for students.	3	1	12	82	3
JROTC provides opportunities to increase physical activity.	3	0	24	71	2
JROTC causes conflict in our community.	69	15	4	7	4
JROTC encourages civic participation.	1	1	25	68	5
JROTC builds student confidence.	1	1	20	76	2
JROTC is not of interest to many students.	14	35	40	7	4
JROTC improves academic performance.	0	1	45	48	7
JROTC improves school graduation rates.	0	1	44	50	5
JROTC helps students prepare for college.	0	3	45	46	6
The JROTC curriculum contributes to student success.	0	1	36	59	5
The JROTC curriculum conflicts with our school curriculum.	51	35	6	5	4
The JROTC curriculum enriches our school curriculum.	0	1	44	48	7
Students approve of JROTC.	0	0	52	44	3
Parents and family members approve of JROTC.	0	2	47	47	4
School staff approve of JROTC.	0	1	42	53	4
Community members approve of JROTC.	0	1	43	50	6

NOTE: Only respondents who indicated that they are aware of JROTC and that their school offers students access to the program saw this question. Because of rounding, rows do not necessarily sum to 100 percent.

Table A.22. Please Indicate How JROTC Cadets in Your School Compare with Their Peers on Each of the Following Dimensions (*n* = 169)

	Weighted Percentage					
	Much Less	Somewhat Less	About the Same	Somewhat More	Much More	I Don't Know
Act as positive influences for their peers	0	1	25	43	28	4
Engage in our school community	0	1	22	38	34	4
Are involved in disciplinary infractions	27	41	18	6	3	4
Attend school daily	0	0	33	35	26	5
Graduate in four years	0	1	38	27	28	6

NOTE: Only respondents who indicated that they are aware of JROTC and that their school offers students access to the program saw this question. Because of rounding, rows do not necessarily sum to 100 percent.

Table A.23. If You Would Like, Please Describe in Your Own Words Your Impression of, the Benefit or Challenges of, or Other Critical Information We Should Know About Your JROTC Program (*n* = 89)

This was an open-ended response item. Responses are suppressed for confidentiality.

NOTE: Only respondents who indicated that they are aware of JROTC and that their school offers students access to the program saw this question.

Table A.24. What Type of Academic Course Credit, If Any, Do JROTC Cadets Receive for Their Successful Participation in a JROTC? (*n* = 169)

	Weighted Percentage
N/A—JROTC cadets do not receive course credit	0
Physical education	71
Health education	17
Civics/government	10
History/social studies	8
Science	5
Career/job preparation	28
Other (please specify)	27

NOTE: Respondents were instructed to select all that apply. Only respondents who indicated that they are aware of JROTC and that their school offers students access to the program saw this question.

Table A.25. Have Any Students from Your High School Enrolled in Youth ChalleNGe? (*n* = 73)

	Weighted Percentage
No	33
Yes	46
I don't know	21

NOTE: Only respondents who indicated that they are aware of National Guard Youth ChalleNGe and that their school offers students access to the program saw this question.

Table A.26. Do You Believe the ChalleNGe Program Was Effective for the Student(s) Who Enrolled in It? (*n* = 29)

	Weighted Percentage
No	0
Yes	70
I don't know	30

NOTE: Only respondents who indicated that they are aware of National Guard Youth ChalleNGe and that their school offers students access to the program and who indicated that students from their high school have enrolled in the program saw this question. Respondents were also given the opportunity to explain their response.

Table A.27. Earlier You Responded That You Are Aware of STARBASE, ChalleNGe, and/or Junior Reserve Officers' Training Corps (JROTC). How Does Your Awareness of These Programs Influence Your Impression of the Military? (n = 594)

	Weighted Percentage
I have a less positive impression	1
My impression is unchanged	52
I have a more positive impression	30
I am not sure	17

NOTE: Only respondents who indicated that they are aware of National Guard Youth ChalleNGe, JROTC, and/or STARBASE—regardless of whether students in their school had access to these programs—saw this question.

Table A.28. Thinking About Your School Community, Approximately How Many Community Members Would Agree with Each of the Following Statements? (n = 648)

	Weighted Percentage					
	None	A Few	About Half	Most	Nearly All	I Don't Know
I am supportive of the military.	0	5	8	37	47	3
Military-operated programs for youth improve the relationship between the community and the military.	0	12	16	36	23	12

NOTE: Because of rounding, rows do not necessarily sum to 100 percent.

Table A.29. Is There Anything Else You Would Like Us to Know About the Civics Education Opportunities in Your School, That Prepare Young People to Contribute to a Democratic Society? (n = 207)

This was an open-ended response item. Responses are suppressed for confidentiality.

Table A.30. Please Select All That Apply Regarding Your Military Service (n = 648)

	Weighted Percentage
I am currently active duty.	0
I am currently a reservist.	0
I previously served on active duty.	6
I previously served as a reservist.	2
I have never served in the military.	92

NOTE: Despite the question stem, respondents were not able to select more than one response option.

Table A.31. Please Select All That Apply Regarding Your Family’s Military Service (n = 648)

	Weighted Percentage
A member of my family is currently active duty.	14
A member of my family is currently a reservist.	6
A member of my family previously served on active duty.	72
A member of my family previously served as a reservist.	20
No member of my family previously served on active duty.	16
No member of my family previously served as a reservist.	17

NOTE: Respondents were instructed to select all that apply. Family was defined for respondents as including, but not limited to, “a grandparent, parent, sibling, spouse/significant other, and/or child.”

Table A.32. What Is the Highest Degree You Have Earned? (n = 648)

	Weighted Percentage
Associate’s degree	0
Bachelor’s degree (B.A., B.S., etc.)	1
Master’s degree (M.A., M.A.T., M.B.A., M.Ed., M.S., etc.)	28
Educational specialist or professional diploma (at least one year beyond master’s level)	31
Doctorate or first professional degree (Ph.D., Ed.D., M.D., L.L.B., J.D., D.D.S.)	39
None of the above	0

NOTE: Because of rounding, column does not sum to 100 percent.

Table A.33. Including the Current School Year (2021–2022), How Many Years Have You . . . (n = 648)

	Weighted Mean
. . .worked in education, including all positions (e.g., teacher, counselor, principal)?	24
. . . served as a principal or school leader?	13
. . .served as the principal or school leader at your current school?	7

NOTE: Respondents were instructed to round to the nearest whole number.

Appendix C. Estimating the Association Between Department of Defense Youth Programs and Military Accessions and Applications: Supplemental Analyses

This technical appendix includes supplementary analyses and specification checks we used in analyzing the relationship between DoD youth programs, military presence, and the community-level outcomes of active-duty recruitment and accessions. The first part of this appendix, with Tables C.1 through C.4, is in the main report (available at www.rand.org/t/RRA2697-1).

Results

Main Results

In this section, Tables C.5 through C.11 present our main estimates with the full set of covariates included in the models. These results correspond to Tables 4.4 and 4.6 in Chapter 4. Note that estimates in Chapter 4 are presented in incidence rate ratios (IRRs), while estimates presented below are in untransformed coefficients, β , where $IRR = e^\beta$. Estimates of the number of applications, continuations, and accessions given in Table 4.5 in Chapter 4 are derived from the coefficients in Tables C.5 through C.11.

Table C.5. Effect of DoD Youth Programs on Application Starts

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.061**	0.023**	0.218**	0.027	0.305**	0.050	0.124**	0.025**
	(0.011)	(0.008)	(0.017)	(0.018)	(0.027)	(0.033)	(0.009)	(0.007)
Military presence	0.248**	0.123**	0.160**	0.110**	0.118**	0.094**		
	(0.004)	(0.005)	(0.008)	(0.009)	(0.015)	(0.021)		
Demographics								
Count of population ages 15–29		0.414**		0.485**		0.588**		
		(0.007)		(0.016)		(0.030)		
Median age		-0.070**		-0.075**		0.001		
		(0.009)		(0.020)		(0.035)		
Proportion of population never married		-0.329**		-0.359**		-0.309**		
		(0.010)		(0.025)		(0.041)		
Proportion of population divorced, separated, or widowed		-0.044**		0.017		0.019		
		(0.007)		(0.015)		(0.023)		
Proportion of population Black		0.113**		0.139**		0.116**		
		(0.006)		(0.017)		(0.032)		
Proportion of population other		0.065**		0.047*		-0.050		
		(0.007)		(0.019)		(0.032)		
Proportion of population Hispanic		0.121**		0.172**		0.039		
		(0.012)		(0.035)		(0.063)		
Proportion of population with less than high school education		0.038**		-0.090**		-0.044		
		(0.009)		(0.025)		(0.044)		
Proportion of population with a high school diploma or GED		0.121**		-0.007		0.081*		
		(0.008)		(0.020)		(0.034)		
Proportion of population with some college		0.127**		0.037*		0.037		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.006)		(0.016)		(0.031)		
Proportion of foreign-born population who are noncitizens		-0.024*		0.009		0.100+		
		(0.009)		(0.032)		(0.052)		
Proportion of foreign-born population who are citizens		0.014+		0.068+		0.169*		
		(0.008)		(0.037)		(0.075)		
Proportion of population who speak language other than English in the home		-0.099**		-0.207**		-0.228**		
		(0.017)		(0.052)		(0.082)		
Proportion of foreign-born population who entered U.S. before 1990		0.002		-0.010		-0.017		
		(0.005)		(0.007)		(0.012)		
Proportion of foreign-born population who entered U.S. 1990–1999		-0.003		-0.004		-0.002		
		(0.005)		(0.008)		(0.012)		
Proportion of foreign-born population who entered U.S. 2000–2009		0.007		-0.008		0.001		
		(0.006)		(0.008)		(0.014)		
Proportion of veterans who served in 2001 Gulf War or later		0.013**		0.016		-0.001		
		(0.005)		(0.013)		(0.025)		
Proportion of veterans who served in Vietnam War		-0.014**		-0.029**		-0.048*		
		(0.004)		(0.011)		(0.022)		
Proportion of veterans who served in Korean War		-0.016**		-0.015		0.002		
		(0.004)		(0.011)		(0.019)		
Proportion of veterans who served in World War II		-0.025**		-0.007		0.002		
		(0.004)		(0.012)		(0.021)		
Urbanicity								
30% or more commute to a metropolitan core				-0.002		-		
				(0.017)				
Less than 30% commute to a metropolitan core				-0.009		-		
				(0.006)				

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Micropolitan core				0.001 (0.014)		-		
30% or more commute to a micropolitan core				-0.014 (0.010)		-		
Small town core						0.035** (0.007)		
30% or more commute to a small town core						0.002 (0.005)		
Less than 30% commute to a small town core						0.002 (0.004)		
Economic well-being								
Proportion of households with public assistance income		0.013** (0.005)		-0.013 (0.011)		0.008 (0.021)		
Proportion of households with Supplemental Security Income		-0.002 (0.006)		0.027+ (0.014)		-0.046* (0.024)		
Proportion of population with income below the poverty line		-0.073** (0.008)		0.009 (0.019)		-0.017 (0.036)		
Proportion of labor force unemployed		-0.028** (0.005)		-0.002 (0.012)		0.007 (0.020)		
Median income		-0.012 (0.014)		0.130** (0.036)		0.066 (0.081)		
Median rent		-0.037** (0.009)		0.016 (0.022)		0.073 (0.073)		
Median property value		-0.137** (0.011)		-0.361** (0.056)		-0.294** (0.090)		
Proportion of occupied households occupied by renter		0.049** (0.009)		0.031 (0.028)		0.023 (0.052)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population without insurance		0.006 (0.007)		0.006 (0.018)		-0.016 (0.029)		
Mobility								
Proportion of population living in same house as prior year		0.048** (0.014)		0.150** (0.027)		0.148** (0.043)		
Proportion of population moving within county within past year		0.003 (0.010)		0.104** (0.021)		0.121** (0.036)		
Proportion of population moving from abroad within past year		0.002 (0.005)		0.011 (0.017)		0.021 (0.025)		
Proportion of population moving from different state within past year		-0.011 (0.008)		0.007 (0.018)		-0.013 (0.029)		
Proportion of working population without vehicles		0.098** (0.009)		0.074* (0.034)		0.084+ (0.049)		
Commuting								
Proportion of working population commuting by public transportation		-0.125** (0.010)		-0.328** (0.079)		-0.360* (0.145)		
Proportion of working population commuting by walk or bicycle		-0.138** (0.008)		-0.125** (0.024)		-0.145** (0.036)		
Proportion of working population commuting by other transportation		-0.000 (0.004)		-0.001 (0.009)		-0.004 (0.014)		
Proportion of working population working from home		-0.047** (0.007)		-0.047** (0.015)		-0.060** (0.020)		
Proportion of population working outside of home with 20–29-minute commute		0.011* (0.005)		0.017+ (0.010)		0.018 (0.019)		
Proportion of population working outside of home with 30–44-minute commute		0.018** (0.005)		0.022* (0.010)		0.022 (0.018)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population working outside of home with 45–59-minute commute	0.034**		0.030**		0.002			
	(0.005)		(0.010)		(0.018)			
Proportion of population working outside of home with 60–89-minute commute	0.026**		0.021+		-0.010			
	(0.006)		(0.012)		(0.021)			
Proportion of population working outside of home with 90–99-minute commute	0.025**		0.043**		-0.023			
	(0.005)		(0.009)		(0.017)			
Internet								
Proportion of households with dial-up internet only	-0.006		0.008		-0.003			
	(0.005)		(0.007)		(0.013)			
Proportion of households with smartphone data plan	0.022**		-0.011		0.005			
	(0.006)		(0.014)		(0.028)			
Proportion of households with satellite internet	0.017**		0.007		0.007			
	(0.006)		(0.009)		(0.015)			
Density								
Population density (people per square mile)	0.066**		-0.355**		-0.993*			
	(0.014)		(0.137)		(0.451)			
Housing density (housing units per square mile)	-0.052**		0.357**		0.546			
	(0.014)		(0.138)		(0.408)			
Proportion of households with grandparent living with owner	0.017**		0.006		0.063**			
	(0.005)		(0.012)		(0.023)			
Proportion of households overcrowded	-0.006		-0.003		-0.003			
	(0.008)		(0.026)		(0.049)			
Proportion of households severely overcrowded	0.012+		0.016		-0.024			
	(0.006)		(0.021)		(0.030)			
Installations and recruitment stations								
Number of installations within 30 miles	0.008**		0.006		0.016			

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.001)		(0.004)		(0.012)		
Number of recruitment stations within 30 miles		0.000		0.003		0.011+		
		(0.000)		(0.002)		(0.006)		
Constant	1.326**	1.315**	1.319**	1.164**	0.829**	0.539**		
	(0.005)	(0.033)	(0.008)	(0.077)	(0.015)	(0.174)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations		51,821		14,073		6,497		

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses. PSW = propensity score weight.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.6. Effect of DoD Youth Programs on Application Continuations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.002 (0.011)	0.027** (0.008)	0.160** (0.018)	0.037* (0.019)	0.210** (0.028)	0.028 (0.034)	0.064** (0.009)	0.028** (0.007)
Military presence	0.242** (0.004)	0.115** (0.005)	0.151** (0.007)	0.105** (0.009)	0.119** (0.015)	0.089** (0.019)		
Demographics								
Count of population ages 15–29		0.402** (0.007)		0.468** (0.016)		0.586** (0.031)		
Median age		-0.079** (0.010)		-0.090** (0.021)		0.017 (0.036)		
Proportion of population never married		-0.342** (0.011)		-0.361** (0.026)		-0.301** (0.044)		
Proportion of population divorced, separated, or widowed		-0.043** (0.007)		0.022 (0.016)		0.001 (0.024)		
Proportion of population Black		0.057** (0.007)		0.084** (0.019)		0.051 (0.034)		
Proportion of population other		0.066** (0.008)		0.029 (0.025)		-0.063* (0.032)		
Proportion of population Hispanic		0.104** (0.013)		0.132** (0.039)		0.077 (0.070)		
Proportion of population with less than high school education		0.045** (0.010)		-0.081** (0.026)		-0.052 (0.047)		
Proportion of population with a high school diploma or GED		0.125** (0.008)		-0.004 (0.021)		0.085* (0.037)		
Proportion of population with some college		0.130** (0.007)		0.046** (0.017)		0.045 (0.033)		

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic	Average
Proportion of foreign-born population who are noncitizens	-0.015		0.002		0.095+			
	(0.011)		(0.033)		(0.055)			
Proportion of foreign-born population who are citizens	0.023*		0.073*		0.226**			
	(0.009)		(0.037)		(0.083)			
Proportion of population who speak language other than English in the home	-0.123**		-0.198**		-0.286**			
	(0.019)		(0.057)		(0.092)			
Proportion of foreign-born population who entered U.S. before 1990	0.001		-0.007		-0.016			
	(0.006)		(0.008)		(0.013)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.008		0.001		0.000			
	(0.006)		(0.008)		(0.013)			
Proportion of foreign-born population who entered U.S. 2000–2009	0.004		-0.003		-0.005			
	(0.007)		(0.009)		(0.014)			
Proportion of veterans who served in 2001 Gulf War or later	0.010+		0.018		-0.007			
	(0.005)		(0.014)		(0.027)			
Proportion of veterans who served in Vietnam War	-0.015**		-0.023+		-0.048*			
	(0.005)		(0.012)		(0.023)			
Proportion of veterans who served in Korean War	-0.016**		-0.021+		-0.000			
	(0.005)		(0.012)		(0.021)			
Proportion of veterans who served in World War II	-0.018**		-0.013		0.001			
	(0.005)		(0.012)		(0.023)			
Urbanicity								
30% or more commute to a metropolitan core				-0.004				
				(0.017)				
Less than 30% commute to a metropolitan core				-0.010				
				(0.007)				
Micropolitan core				-0.004				
				(0.014)				

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts	Suburban Tracts	Rural Tracts	Meta-Analytic Average				
30% or more commute to a micropolitan core				-0.015 (0.010)				
Small town core						0.030** (0.008)		
30% or more commute to a small town core						0.003 (0.006)		
Less than 30% commute to a small town core						0.001 (0.004)		
Economic well-being								
Proportion of households with public assistance income		0.010+ (0.005)	-0.010 (0.012)			0.003 (0.021)		
Proportion of households with Supplemental Security Income		-0.006 (0.006)	0.028+ (0.015)			-0.039 (0.024)		
Proportion of population with income below the poverty line		-0.069** (0.009)	0.015 (0.021)			0.008 (0.038)		
Proportion of labor force unemployed		-0.029** (0.006)	-0.015 (0.014)			0.000 (0.022)		
Median income		0.002 (0.015)	0.143** (0.038)			0.095 (0.086)		
Median rent		-0.039** (0.010)	0.026 (0.023)			0.044 (0.073)		
Median property value		-0.145** (0.013)	-0.374** (0.058)			-0.308** (0.091)		
Proportion of occupied households occupied by renter		0.041** (0.010)	0.016 (0.030)			0.032 (0.054)		
Proportion of population without insurance		0.007 (0.008)	0.011 (0.018)			0.025 (0.030)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Mobility								
Proportion of population living in same house as prior year		0.045** (0.015)		0.145** (0.029)		0.125** (0.043)		
Proportion of population moving within county within past year		-0.003 (0.011)		0.091** (0.021)		0.106** (0.038)		
Proportion of population moving from abroad within past year		0.002 (0.006)		0.001 (0.019)		0.001 (0.028)		
Proportion of population moving from different state within past year		-0.012 (0.009)		0.006 (0.019)		-0.017 (0.030)		
Proportion of working population without vehicles		0.094** (0.010)		0.077* (0.037)		0.096+ (0.052)		
Commuting								
Proportion of working population commuting by public transportation		-0.130** (0.011)		-0.288** (0.083)		-0.469** (0.179)		
Proportion of working population commuting by walk or bicycle		-0.133** (0.010)		-0.130** (0.025)		-0.158** (0.037)		
Proportion of working population commuting by other transportation		-0.001 (0.004)		0.001 (0.010)		-0.009 (0.015)		
Proportion of working population working from home		-0.047** (0.007)		-0.042** (0.014)		-0.067** (0.021)		
Proportion of population working outside of home with 20–29-minute commute		0.006 (0.005)		0.008 (0.011)		0.017 (0.019)		
Proportion of population working outside of home with 30–44-minute commute		0.016** (0.005)		0.022* (0.011)		0.020 (0.018)		
Proportion of population working outside of home with 45–59-minute commute		0.040** (0.006)		0.021+ (0.011)		0.015 (0.019)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population working outside of home with 60–89-minute commute		0.029** (0.007)		0.022+ (0.013)		0.004 (0.022)		
Proportion of population working outside of home with 90–99-minute commute		0.028** (0.005)		0.043** (0.010)		-0.021 (0.018)		
Internet								
Proportion of households with dial-up internet only		-0.004 (0.005)		0.005 (0.008)		0.002 (0.013)		
Proportion of households with smartphone data plan		0.026** (0.006)		-0.004 (0.015)		0.029 (0.028)		
Proportion of households with satellite internet		0.020** (0.007)		0.006 (0.010)		0.001 (0.016)		
Density								
Population density (people per square mile)		0.061** (0.015)		-0.272+ (0.153)		-0.783+ (0.465)		
Housing density (housing units per square mile)		-0.045** (0.016)		0.278+ (0.154)		0.357 (0.401)		
Proportion of households with grandparent living with owner		0.016** (0.006)		0.002 (0.013)		0.065** (0.024)		
Proportion of households overcrowded		-0.002 (0.009)		0.008 (0.028)		-0.001 (0.052)		
Proportion of households severely overcrowded		0.015* (0.007)		0.009 (0.022)		-0.022 (0.033)		
Installations and recruitment stations								
Number of installations within 30 miles		0.006** (0.001)		0.003 (0.004)		0.020 (0.013)		
Number of recruitment stations within 30 miles		-0.000		0.001		0.007		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Constant	1.037** (0.005)	0.929** (0.039)	1.111** (0.008)	0.875** (0.085)	0.649** (0.015)	0.194 (0.178)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations	51,821		14,073		6,497			

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.7. Effect of DoD Youth Programs on Accessions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.008 (0.012)	0.019* (0.009)	0.177** (0.019)	0.050* (0.021)	0.203** (0.030)	0.058 (0.040)	0.07** (0.01)	0.026** (0.008)
Military presence	0.235** (0.005)	0.111** (0.005)	0.157** (0.008)	0.111** (0.010)	0.119** (0.016)	0.081** (0.023)		
Demographics								
Count of population ages 15–29		0.398** (0.008)		0.466** (0.017)		0.591** (0.035)		
Median age		-0.074** (0.011)		-0.045* (0.022)		0.043 (0.043)		
Proportion of population never married		-0.346** (0.012)		-0.305** (0.029)		-0.277** (0.050)		
Proportion of population divorced, separated, or widowed		-0.051** (0.008)		0.008 (0.017)		0.030 (0.027)		
Proportion of population Black		0.074** (0.008)		0.105** (0.021)		0.013 (0.039)		
Proportion of population other		0.059** (0.009)		0.030 (0.030)		-0.047 (0.035)		
Proportion of population Hispanic		0.104** (0.015)		0.117* (0.048)		0.028 (0.082)		
Proportion of population with less than high school education		0.030* (0.012)		-0.032 (0.029)		-0.056 (0.057)		
Proportion of population with a high school diploma or GED		0.127** (0.009)		0.005 (0.024)		0.086* (0.042)		
Proportion of population with some college		0.133** (0.008)		0.070** (0.019)		0.042 (0.037)		

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of foreign-born population who are noncitizens	-0.010		0.015		0.152*			
	(0.012)		(0.037)		(0.061)			
Proportion of foreign-born population who are citizens	0.018+		0.077+		0.215*			
	(0.010)		(0.043)		(0.090)			
Proportion of population who speak language other than English in the home	-0.111**		-0.228**		-0.342**			
	(0.021)		(0.067)		(0.107)			
Proportion of foreign-born population who entered U.S. before 1990	-0.004		-0.003		-0.030+			
	(0.007)		(0.009)		(0.017)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.008		0.008		-0.013			
	(0.007)		(0.009)		(0.015)			
Proportion of foreign-born population who entered U.S. 2000–2009	-0.009		0.005		-0.028+			
	(0.007)		(0.010)		(0.017)			
Proportion of veterans who served in 2001 Gulf War or later	0.013*		0.015		0.034			
	(0.006)		(0.016)		(0.029)			
Proportion of veterans who served in Vietnam War	-0.016**		-0.028*		-0.058*			
	(0.005)		(0.014)		(0.024)			
Proportion of veterans who served in Korean War	-0.016**		-0.024		0.014			
	(0.005)		(0.015)		(0.024)			
Proportion of veterans who served in World War II	-0.011*		-0.027+		-0.002			
	(0.005)		(0.014)		(0.027)			
Urbanicity								
30% or more commute to a metropolitan core			0.004					
			(0.019)					
Less than 30% commute to a metropolitan core			-0.010					
			(0.007)					
Micropolitan core			0.013					

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
				(0.016)				
30% or more commute to a micropolitan core				-0.000				
				(0.011)				
Small town core						0.032**		
						(0.010)		
30% or more commute to a small town core						0.001		
						(0.007)		
Less than 30% commute to a small town core						0.004		
						(0.005)		
Economic well-being								
Proportion of households with public assistance income		0.008		0.012		-0.019		
		(0.006)		(0.014)		(0.028)		
Proportion of households with Supplemental Security Income		-0.000		0.036*		-0.046		
		(0.008)		(0.016)		(0.030)		
Proportion of population with income below the poverty line		-0.079**		0.000		0.009		
		(0.010)		(0.024)		(0.043)		
Proportion of labor force unemployed		-0.021**		-0.032*		0.025		
		(0.007)		(0.015)		(0.028)		
Median income		-0.011		0.132**		0.092		
		(0.017)		(0.042)		(0.094)		
Median rent		-0.047**		0.025		0.118		
		(0.012)		(0.026)		(0.077)		
Median property value		-0.150**		-0.346**		-0.333**		
		(0.014)		(0.065)		(0.112)		
Proportion of occupied households occupied by renter		0.035**		-0.017		-0.005		
		(0.011)		(0.033)		(0.059)		
Proportion of population without insurance		0.007		0.025		0.046		

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
	(0.009)		(0.020)		(0.036)			
Mobility								
Proportion of population living in same house as prior year		0.054**		0.156**		0.148**		
		(0.016)		(0.031)		(0.048)		
Proportion of population moving within county within past year		-0.000		0.083**		0.091*		
		(0.012)		(0.023)		(0.041)		
Proportion of population moving from abroad within past year		0.001		-0.009		0.033		
		(0.007)		(0.024)		(0.027)		
Proportion of population moving from different state within past year		-0.006		0.014		-0.027		
		(0.010)		(0.020)		(0.030)		
Proportion of working population without vehicles		0.108**		0.042		0.118+		
		(0.011)		(0.041)		(0.062)		
Commuting								
Proportion of working population commuting by public transportation		-0.127**		-0.248**		-0.709**		
		(0.013)		(0.090)		(0.238)		
Proportion of working population commuting by walk or bicycle		-0.145**		-0.134**		-0.122**		
		(0.011)		(0.027)		(0.044)		
Proportion of working population commuting by other transportation		-0.003		0.008		-0.030		
		(0.005)		(0.011)		(0.020)		
Proportion of working population working from home		-0.048**		-0.044**		-0.076**		
		(0.007)		(0.016)		(0.023)		
Proportion of population working outside of home with 20–29-minute commute		0.008		0.020+		-0.003		
		(0.006)		(0.012)		(0.022)		
Proportion of population working outside of home with 30–44-minute commute		0.018**		0.028*		0.023		
		(0.006)		(0.012)		(0.023)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population working outside of home with 45–59-minute commute		0.039** (0.007)		0.021+ (0.012)		0.007 (0.025)		
Proportion of population working outside of home with 60–89-minute commute		0.036** (0.008)		0.034* (0.014)		-0.001 (0.024)		
Proportion of population working outside of home with 90–99-minute commute		0.031** (0.006)		0.051** (0.013)		-0.046* (0.020)		
Internet								
Proportion of households with dial-up internet only		-0.006 (0.006)		0.001 (0.008)		0.004 (0.017)		
Proportion of households with smartphone data plan		0.035** (0.007)		0.010 (0.017)		0.020 (0.031)		
Proportion of households with satellite internet		0.015+ (0.008)		0.011 (0.011)		0.011 (0.019)		
Density								
Population density (people per square mile)		0.050** (0.017)		-0.205 (0.159)		-0.846 (0.557)		
Housing density (housing units per square mile)		-0.042* (0.018)		0.341* (0.163)		0.437 (0.538)		
Proportion of households with grandparent living with owner		0.021** (0.006)		-0.006 (0.014)		0.080* (0.035)		
Proportion of households overcrowded		0.006 (0.010)		0.021 (0.032)		0.013 (0.062)		
Proportion of households severely overcrowded		0.005 (0.008)		-0.014 (0.024)		-0.047 (0.041)		
Installations and recruitment stations								
Number of installations within 30 miles		0.006**		0.001		0.007		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.002)		(0.004)		(0.014)		
Number of recruitment stations within 30 miles		0.000		0.002		0.001		
		(0.000)		(0.002)		(0.008)		
Constant	0.696**	0.544**	0.746**	0.556**	0.293**	-0.173		
	(0.006)	(0.042)	(0.009)	(0.093)	(0.016)	(0.226)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations	51,821		14,073		6,497			

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.8. Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Urban Tracts

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Appli- cation Cont.	High Quality Acces- sion	Tech. Eligible App. Cont.	Tech. Eligible Acces- sions	Application Starts, Marg. Pop.	Appli- cation Cont., Marg. Pop.	Acces- sions, Marg. Pop.
Served by DoD youth program	0.012 (0.010)	-0.003 (0.011)	0.014 (0.017)	0.002 (0.020)	0.027** (0.009)	0.036** (0.010)	0.027* (0.012)
Military presence	0.109** (0.006)	0.103** (0.006)	0.099** (0.008)	0.093** (0.009)	0.136** (0.005)	0.128** (0.006)	0.126** (0.006)
Demographics							
Count of population ages 15–29	0.392** (0.008)	0.386** (0.009)	0.347** (0.012)	0.343** (0.013)	0.399** (0.008)	0.385** (0.008)	0.382** (0.009)
Median age	-0.073** (0.011)	-0.065** (0.013)	-0.060** (0.018)	-0.057** (0.021)	-0.083** (0.011)	-0.094** (0.012)	-0.094** (0.014)
Proportion of population never married	-0.336** (0.013)	-0.337** (0.014)	-0.291** (0.020)	-0.299** (0.023)	-0.291** (0.012)	-0.302** (0.013)	-0.305** (0.015)
Proportion of population divorced, separated, or widowed	-0.061** (0.008)	-0.059** (0.010)	-0.076** (0.014)	-0.075** (0.017)	-0.023** (0.008)	-0.021* (0.009)	-0.029** (0.010)
Proportion of population Black	-0.032** (0.008)	-0.014 (0.010)	-0.200** (0.015)	-0.195** (0.017)	0.419** (0.008)	0.374** (0.009)	0.388** (0.010)
Proportion of population other	0.055** (0.010)	0.046** (0.011)	0.045** (0.015)	0.036+ (0.019)	0.211** (0.008)	0.218** (0.009)	0.208** (0.011)
Proportion of population Hispanic	0.075** (0.015)	0.077** (0.017)	-0.002 (0.026)	-0.012 (0.031)	0.358** (0.014)	0.355** (0.016)	0.349** (0.018)
Proportion of population with less than high school education	0.003 (0.012)	0.004 (0.014)	-0.092** (0.022)	-0.057* (0.025)	0.008 (0.011)	0.015 (0.012)	-0.004 (0.014)
Proportion of population with a high school diploma or GED	0.085**	0.087**	-0.005	0.005	0.100**	0.097**	0.101**

Variable	(1) High Quality Applica- tion Cont.	(2) High Quality Acces- sion	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Acces- sions	(5) Application Starts, Marg. Pop.	(6) Applica- tion Cont., Marg. Pop.	(7) Acces- sions, Marg. Pop.
	(0.009)	(0.011)	(0.016)	(0.019)	(0.009)	(0.011)	(0.012)
Proportion of population with some college	0.119**	0.129**	0.066**	0.091**	0.109**	0.111**	0.113**
	(0.008)	(0.009)	(0.013)	(0.016)	(0.008)	(0.009)	(0.010)
Proportion of foreign-born population who are noncitizens	-0.010	-0.008	0.008	-0.020	-0.050**	-0.045**	-0.028*
	(0.013)	(0.015)	(0.022)	(0.026)	(0.011)	(0.012)	(0.014)
Proportion of foreign-born population who are citizens	0.039**	0.031*	0.086**	0.062**	0.003	0.011	0.004
	(0.011)	(0.012)	(0.018)	(0.022)	(0.009)	(0.010)	(0.012)
Proportion of population who speak language other than English in the home	-0.155**	-0.140**	-0.219**	-0.155**	0.003	-0.020	-0.009
	(0.022)	(0.025)	(0.039)	(0.046)	(0.019)	(0.022)	(0.024)
Proportion of foreign-born population who entered U.S. before 1990	0.007	-0.008	0.026*	0.007	0.003	0.002	-0.004
	(0.007)	(0.008)	(0.011)	(0.014)	(0.007)	(0.008)	(0.008)
Proportion of foreign-born population who entered U.S. 1990–1999	-0.007	-0.011	0.005	0.001	-0.002	-0.005	-0.011
	(0.007)	(0.008)	(0.012)	(0.014)	(0.007)	(0.008)	(0.009)
Proportion of foreign-born population who entered U.S. 2000–2009	0.005	-0.015	0.042**	0.011	0.003	-0.002	-0.017+
	(0.008)	(0.009)	(0.013)	(0.016)	(0.008)	(0.009)	(0.010)
Proportion of veterans who served in 2001 Gulf War or later	0.010	0.014*	0.010	0.012	0.013**	0.010+	0.012+
	(0.006)	(0.007)	(0.010)	(0.012)	(0.005)	(0.006)	(0.006)
Proportion of veterans who served in Vietnam War	-0.011*	-0.017**	-0.017+	-0.022+	-0.014**	-0.015**	-0.017**
	(0.006)	(0.006)	(0.010)	(0.012)	(0.005)	(0.005)	(0.006)
Proportion of veterans who served in Korean War	-0.013*	-0.012+	-0.022*	-0.027*	-0.015**	-0.014*	-0.015*
	(0.006)	(0.007)	(0.010)	(0.012)	(0.005)	(0.005)	(0.006)
Proportion of veterans who served in World War II	-0.017**	-0.009	-0.011	-0.006	-0.016**	-0.006	-0.001
	(0.006)	(0.007)	(0.010)	(0.012)	(0.005)	(0.006)	(0.007)

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Urbanicity	High Quality Applica- tion Cont.	High Quality Acces- sion	Tech. Eligible App. Cont.	Tech. Eligible Acces- sions	Application Starts, Marg. Pop.	Applica- tion Cont., Marg. Pop.	Acces- sions, Marg. Pop.
30% or more commute to a metropolitan core							
Less than 30% commute to a metropolitan core							
Micropolitan core							
30% or more commute to a micropolitan core							
Small town core							
30% or more commute to a small town core							
Less than 30% commute to a small town core							
Economic well-being							
Proportion of households with public assistance income	0.008 (0.006)	0.006 (0.008)	-0.001 (0.012)	-0.001 (0.014)	0.015** (0.005)	0.012+ (0.006)	0.012+ (0.007)
Proportion of households with Supplemental Security Income	-0.013+ (0.008)	-0.005 (0.010)	-0.019 (0.014)	0.002 (0.017)	0.002 (0.007)	0.001 (0.007)	0.001 (0.009)
Proportion of population with income below the poverty line	-0.062** (0.011)	-0.072** (0.013)	-0.046* (0.019)	-0.052* (0.022)	-0.089** (0.010)	-0.089** (0.011)	-0.100** (0.013)
Proportion of labor force unemployed	-0.030** (0.007)	-0.020* (0.008)	-0.024+ (0.013)	-0.034* (0.016)	-0.034** (0.006)	-0.034** (0.007)	-0.025** (0.008)
Median income	0.006	0.011	0.004	0.000	-0.060**	-0.050*	-0.069**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.017)	(0.020)	(0.026)	(0.031)	(0.018)	(0.019)	(0.022)
Median rent	-0.043**	-0.048**	-0.026	-0.010	-0.016	-0.015	-0.029+
	(0.012)	(0.013)	(0.018)	(0.021)	(0.012)	(0.013)	(0.015)
Median property value	-0.153**	-0.168**	-0.133**	-0.139**	-0.127**	-0.135**	-0.133**
	(0.015)	(0.017)	(0.022)	(0.026)	(0.014)	(0.015)	(0.018)
Proportion of occupied households occupied by renter	0.027*	0.023+	0.024	0.015	0.040**	0.030*	0.016
	(0.012)	(0.014)	(0.020)	(0.024)	(0.010)	(0.012)	(0.013)
Proportion of population without insurance	0.015	0.018+	0.024	0.003	0.015+	0.021*	0.018+
	(0.009)	(0.010)	(0.016)	(0.019)	(0.008)	(0.009)	(0.010)
Mobility							
Proportion of population living in same house as prior year	0.034*	0.035+	-0.012	-0.006	0.053**	0.051**	0.072**
	(0.017)	(0.019)	(0.026)	(0.032)	(0.016)	(0.018)	(0.020)
Proportion of population moving within county within past year	-0.011	-0.015	-0.024	-0.026	0.008	0.001	0.014
	(0.012)	(0.014)	(0.019)	(0.023)	(0.012)	(0.013)	(0.014)
Proportion of population moving from abroad within past year	0.001	-0.003	-0.013	-0.015	0.005	0.008	0.006
	(0.007)	(0.008)	(0.011)	(0.014)	(0.006)	(0.007)	(0.008)
Proportion of population moving from different state within past year	-0.014	-0.010	-0.037*	-0.037*	-0.007	-0.008	0.009
	(0.010)	(0.011)	(0.015)	(0.018)	(0.010)	(0.011)	(0.012)
Proportion of working population without vehicles	0.091**	0.104**	0.109**	0.108**	0.083**	0.075**	0.087**
	(0.012)	(0.014)	(0.021)	(0.025)	(0.010)	(0.011)	(0.013)
Commuting							
Proportion of working population commuting by public transportation	-0.131**	-0.129**	-0.140**	-0.160**	-0.133**	-0.135**	-0.133**
	(0.013)	(0.016)	(0.022)	(0.028)	(0.011)	(0.013)	(0.015)
Proportion of working population commuting by walk or bicycle	-0.127**	-0.143**	-0.131**	-0.129**	-0.144**	-0.137**	-0.147**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.011)	(0.013)	(0.017)	(0.021)	(0.010)	(0.012)	(0.014)
Proportion of working population commuting by other transportation	0.000	-0.008	-0.004	-0.010	0.003	0.004	-0.001
	(0.005)	(0.006)	(0.010)	(0.011)	(0.004)	(0.005)	(0.005)
Proportion of working population working from home	-0.053**	-0.050**	-0.055**	-0.050**	-0.049**	-0.048**	-0.045**
	(0.008)	(0.009)	(0.013)	(0.015)	(0.008)	(0.008)	(0.010)
Proportion of population working outside of home with 20–29-minute commute	0.005	0.005	0.003	-0.010	0.014*	0.009	0.011
	(0.006)	(0.007)	(0.010)	(0.012)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 30–44-minute commute	0.017**	0.021**	0.003	0.013	0.013*	0.016*	0.010
	(0.006)	(0.007)	(0.011)	(0.013)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 45–59-minute commute	0.043**	0.048**	0.051**	0.057**	0.030**	0.035**	0.032**
	(0.007)	(0.008)	(0.012)	(0.014)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 60–89-minute commute	0.040**	0.038**	0.048**	0.056**	0.016*	0.022**	0.029**
	(0.008)	(0.009)	(0.013)	(0.016)	(0.007)	(0.008)	(0.009)
Proportion of population working outside of home with 90–99-minute commute	0.026**	0.032**	0.016	0.020	0.022**	0.025**	0.030**
	(0.006)	(0.007)	(0.011)	(0.012)	(0.005)	(0.006)	(0.007)
Internet							
Proportion of households with dial-up internet only	0.002	-0.003	-0.002	-0.009	-0.006	-0.003	-0.006
	(0.006)	(0.007)	(0.011)	(0.013)	(0.006)	(0.007)	(0.008)
Proportion of households with smartphone data plan	0.025**	0.040**	0.032*	0.049**	0.027**	0.030**	0.032**
	(0.007)	(0.009)	(0.013)	(0.015)	(0.007)	(0.008)	(0.009)
Proportion of households with satellite internet	0.018*	0.016+	0.017	-0.003	0.016*	0.021*	0.015
	(0.008)	(0.009)	(0.014)	(0.017)	(0.007)	(0.008)	(0.009)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Density							
Population density (people per square mile)	0.076** (0.019)	0.083** (0.022)	0.108** (0.031)	0.083* (0.037)	0.041** (0.015)	0.032+ (0.017)	0.012 (0.019)
Housing density (housing units per square mile)	-0.054** (0.018)	-0.071** (0.021)	-0.087** (0.031)	-0.066+ (0.035)	-0.020 (0.016)	-0.006 (0.018)	0.010 (0.019)
Proportion of households with grandparent living with owner	0.017** (0.007)	0.021** (0.008)	0.019 (0.012)	0.012 (0.014)	0.009 (0.006)	0.007 (0.006)	0.011 (0.007)
Proportion of households overcrowded	-0.001 (0.010)	0.007 (0.012)	-0.003 (0.019)	0.011 (0.022)	-0.011 (0.009)	-0.010 (0.010)	-0.007 (0.011)
Proportion of households severely overcrowded	0.015+ (0.008)	-0.002 (0.009)	0.024+ (0.014)	0.012 (0.018)	0.011+ (0.007)	0.014+ (0.007)	0.006 (0.008)
Installations and recruitment stations							
Number of installations within 30 miles	0.008** (0.002)	0.009** (0.002)	0.013** (0.002)	0.014** (0.003)	0.010** (0.002)	0.008** (0.002)	0.007** (0.002)
Number of recruitment stations within 30 miles	-0.000 (0.000)	-0.000 (0.001)	-0.002+ (0.001)	-0.002+ (0.001)	0.001+ (0.000)	0.000 (0.000)	0.001 (0.001)
Constant	0.490** (0.047)	0.134** (0.051)	-0.738** (0.080)	-1.022** (0.091)	0.558** (0.041)	0.097+ (0.050)	-0.289** (0.053)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses. Marg. pop. = marginalized population.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.9. Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Suburban Tracts

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Appli- cation Cont.	High Quality Acces- sion	Tech. Eligible App. Cont.	Tech. Eligible Acces- sions	Appli- cation Starts, Marg. Pop.	Appli- cation Cont., Marg. Pop.	Acces- sions, Marg. Pop.
Served by DoD youth program	0.054*	0.051*	0.032	-0.011	0.037	0.070*	0.038
	(0.022)	(0.024)	(0.037)	(0.042)	(0.027)	(0.030)	(0.036)
Military presence	0.106**	0.111**	0.100**	0.102**	0.120**	0.124**	0.137**
	(0.010)	(0.012)	(0.015)	(0.015)	(0.011)	(0.012)	(0.014)
Demographics							
Count of population ages 15–29	0.466**	0.461**	0.421**	0.398**	0.444**	0.422**	0.416**
	(0.018)	(0.019)	(0.025)	(0.027)	(0.020)	(0.022)	(0.024)
Median age	-0.120**	-0.068**	-0.185**	-0.137**	-0.080**	-0.080**	-0.022
	(0.024)	(0.026)	(0.037)	(0.043)	(0.029)	(0.031)	(0.035)
Proportion of population never married	-0.352**	-0.302**	-0.298**	-0.231**	-0.366**	-0.366**	-0.297**
	(0.029)	(0.033)	(0.047)	(0.059)	(0.037)	(0.040)	(0.045)
Proportion of population divorced, separated, or widowed	0.050**	0.043*	0.033	0.040	0.028	0.010	-0.013
	(0.018)	(0.020)	(0.028)	(0.031)	(0.021)	(0.023)	(0.026)
Proportion of population Black	-0.023	-0.019	-0.180**	-0.199**	0.638**	0.604**	0.618**
	(0.021)	(0.024)	(0.041)	(0.045)	(0.025)	(0.028)	(0.031)
Proportion of population other	0.007	-0.001	-0.049	-0.024	0.264**	0.245**	0.245**
	(0.025)	(0.032)	(0.039)	(0.045)	(0.024)	(0.031)	(0.040)
Proportion of population Hispanic	0.047	0.067	-0.165*	-0.026	0.654**	0.635**	0.638**
	(0.041)	(0.050)	(0.075)	(0.093)	(0.048)	(0.054)	(0.067)
Proportion of population with less than high school education	-0.116**	-0.092**	-0.211**	-0.190**	-0.149**	-0.142**	-0.077+
	(0.029)	(0.033)	(0.049)	(0.056)	(0.035)	(0.038)	(0.044)
Proportion of population with a high school diploma or GED	-0.020	-0.012	-0.127**	-0.120**	-0.047	-0.049	-0.045

Variable	(1) High Quality Applica- tion Cont.	(2) High Quality Acces- sion	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Acces- sions	(5) Appli- cation Starts, Marg. Pop.	(6) Appli- cation Cont., Marg. Pop.	(7) Acces- sions, Marg. Pop.
	(0.024)	(0.027)	(0.037)	(0.042)	(0.029)	(0.032)	(0.038)
Proportion of population with some college	0.037*	0.055**	-0.012	-0.021	0.051*	0.050+	0.075*
	(0.019)	(0.021)	(0.030)	(0.034)	(0.024)	(0.027)	(0.032)
Proportion of foreign-born population who are noncitizens	0.033	0.035	0.064	0.162*	-0.002	-0.022	0.017
	(0.037)	(0.042)	(0.064)	(0.078)	(0.043)	(0.044)	(0.051)
Proportion of foreign-born population who are citizens	0.072+	0.114*	0.101	0.172+	0.161**	0.158**	0.169**
	(0.043)	(0.049)	(0.077)	(0.090)	(0.047)	(0.049)	(0.058)
Proportion of population who speak language other than English in the home	-0.186**	-0.225**	-0.123	-0.353*	-0.228**	-0.226**	-0.278**
	(0.061)	(0.073)	(0.114)	(0.140)	(0.070)	(0.078)	(0.095)
Proportion of foreign-born population who entered U.S. before 1990	-0.010	-0.005	-0.019	-0.022	-0.017	-0.004	0.004
	(0.009)	(0.010)	(0.017)	(0.019)	(0.013)	(0.015)	(0.017)
Proportion of foreign-born population who entered U.S. 1990–1999	0.006	0.012	0.006	0.005	0.001	0.016	0.019
	(0.010)	(0.011)	(0.017)	(0.019)	(0.014)	(0.015)	(0.018)
Proportion of foreign-born population who entered U.S. 2000–2009	-0.010	-0.004	-0.012	0.009	-0.003	0.006	-0.000
	(0.010)	(0.011)	(0.019)	(0.021)	(0.014)	(0.017)	(0.019)
Proportion of veterans who served in 2001 Gulf War or later	0.007	0.016	-0.009	0.024	0.041*	0.051*	0.042+
	(0.018)	(0.019)	(0.031)	(0.033)	(0.019)	(0.021)	(0.023)
Proportion of veterans who served in Vietnam War	-0.028*	-0.034*	-0.025	-0.000	-0.025	-0.009	-0.018
	(0.014)	(0.016)	(0.025)	(0.028)	(0.016)	(0.018)	(0.021)
Proportion of veterans who served in Korean War	-0.016	-0.030+	-0.079**	-0.095**	0.017	0.012	0.004
	(0.013)	(0.016)	(0.025)	(0.029)	(0.016)	(0.018)	(0.024)
Proportion of veterans who served in World War II	-0.010	-0.028+	0.024	0.003	-0.003	-0.012	-0.046*
	(0.014)	(0.016)	(0.025)	(0.030)	(0.017)	(0.018)	(0.023)

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Urbanicity	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
30% or more commute to a metropolitan core	0.001 (0.019)	0.012 (0.023)	0.041 (0.045)	0.007 (0.042)	-0.031 (0.030)	-0.036 (0.031)	0.005 (0.037)
Less than 30% commute to a metropolitan core	-0.007 (0.008)	-0.004 (0.009)	0.012 (0.017)	-0.010 (0.017)	-0.017 (0.011)	-0.024* (0.012)	-0.008 (0.014)
Micropolitan core	0.002 (0.016)	0.020 (0.020)	0.035 (0.037)	0.018 (0.035)	-0.010 (0.025)	-0.023 (0.026)	0.020 (0.030)
30% or more commute to a micropolitan core	-0.006 (0.012)	0.010 (0.014)	-0.001 (0.027)	-0.015 (0.026)	-0.027 (0.018)	-0.033+ (0.019)	-0.005 (0.022)
Small town core							
30% or more commute to a small town core							
Less than 30% commute to a small town core							
Economic well-being							
Proportion of households with public assistance income	-0.011 (0.013)	0.020 (0.016)	0.002 (0.025)	0.046 (0.029)	-0.039* (0.016)	-0.036* (0.017)	0.000 (0.019)
Proportion of households with Supplemental Security Income	-0.004 (0.016)	0.007 (0.018)	-0.035 (0.027)	-0.028 (0.033)	0.051** (0.018)	0.058** (0.020)	0.059* (0.024)
Proportion of population with income below the poverty line	0.012 (0.024)	0.003 (0.028)	-0.022 (0.042)	-0.052 (0.049)	0.008 (0.029)	0.018 (0.032)	-0.004 (0.036)
Proportion of labor force unemployed	-0.014 (0.016)	-0.040* (0.018)	-0.024 (0.029)	-0.053 (0.034)	0.001 (0.017)	-0.011 (0.019)	-0.041+ (0.022)
Median income	0.143**	0.119*	0.070	0.081	0.137*	0.170**	0.146*

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.043)	(0.048)	(0.065)	(0.078)	(0.053)	(0.058)	(0.065)
Median rent	0.001	-0.003	-0.069+	-0.036	0.041	0.074*	0.093*
	(0.026)	(0.028)	(0.042)	(0.046)	(0.033)	(0.036)	(0.042)
Median property value	-0.334**	-0.327**	-0.155+	-0.246*	-0.435**	-0.504**	-0.432**
	(0.064)	(0.071)	(0.084)	(0.104)	(0.079)	(0.084)	(0.093)
Proportion of occupied households occupied by renter	-0.015	-0.069+	-0.038	-0.070	0.026	-0.001	-0.016
	(0.034)	(0.038)	(0.054)	(0.059)	(0.040)	(0.043)	(0.047)
Proportion of population without insurance	-0.003	0.012	0.034	0.043	-0.018	0.000	-0.002
	(0.020)	(0.023)	(0.034)	(0.037)	(0.024)	(0.026)	(0.030)
Mobility							
Proportion of population living in same house as prior year	0.112**	0.098**	0.046	0.047	0.120**	0.102*	0.087+
	(0.031)	(0.036)	(0.051)	(0.055)	(0.040)	(0.042)	(0.047)
Proportion of population moving within county within past year	0.064**	0.046+	-0.002	-0.002	0.128**	0.112**	0.078*
	(0.023)	(0.026)	(0.039)	(0.043)	(0.031)	(0.033)	(0.037)
Proportion of population moving from abroad within past year	-0.006	-0.034	-0.024	-0.082*	0.010	-0.002	-0.007
	(0.020)	(0.024)	(0.032)	(0.039)	(0.024)	(0.029)	(0.038)
Proportion of population moving from different state within past year	-0.002	0.000	-0.018	-0.010	0.019	0.015	0.010
	(0.021)	(0.023)	(0.032)	(0.030)	(0.024)	(0.026)	(0.029)
Proportion of working population without vehicles	0.059	0.020	0.030	-0.077	0.004	0.018	-0.002
	(0.041)	(0.046)	(0.069)	(0.080)	(0.044)	(0.049)	(0.055)
Commuting							
Proportion of working population commuting by public transportation	-0.227*	-0.208*	-0.006	-0.086	-0.276**	-0.239*	-0.167
	(0.089)	(0.096)	(0.121)	(0.136)	(0.102)	(0.112)	(0.115)

Variable	(1) High Quality Appli- cation Cont.	(2) High Quality Acces- sion	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Acces- sions	(5) Appli- cation Starts, Marg. Pop.	(6) Appli- cation Cont., Marg. Pop.	(7) Acces- sions, Marg. Pop.
Proportion of working population commuting by walk or bicycle	-0.135** (0.028)	-0.129** (0.030)	-0.143** (0.044)	-0.132** (0.045)	-0.120** (0.036)	-0.129** (0.038)	-0.147** (0.043)
Proportion of working population commuting by other transportation	-0.001 (0.011)	0.013 (0.013)	-0.008 (0.022)	0.043+ (0.024)	0.005 (0.012)	0.007 (0.014)	0.011 (0.016)
Proportion of working population working from home	-0.042* (0.017)	-0.043* (0.018)	-0.029 (0.024)	-0.024 (0.024)	-0.068** (0.020)	-0.063** (0.021)	-0.083** (0.025)
Proportion of population working outside of home with 20–29-minute commute	0.004 (0.013)	0.011 (0.014)	-0.021 (0.021)	0.021 (0.024)	0.041* (0.016)	0.027 (0.018)	0.027 (0.020)
Proportion of population working outside of home with 30–44-minute commute	0.021+ (0.012)	0.026+ (0.014)	0.004 (0.021)	-0.023 (0.024)	0.013 (0.016)	0.010 (0.017)	0.007 (0.020)
Proportion of population working outside of home with 45–59-minute commute	0.030* (0.012)	0.023+ (0.013)	0.040+ (0.021)	0.096** (0.024)	0.018 (0.017)	0.004 (0.019)	0.003 (0.021)
Proportion of population working outside of home with 60–89-minute commute	0.013 (0.014)	0.024 (0.015)	-0.000 (0.025)	-0.008 (0.027)	-0.011 (0.018)	-0.006 (0.020)	0.006 (0.024)
Proportion of population working outside of home with 90–99-minute commute	0.050** (0.011)	0.059** (0.013)	0.014 (0.020)	0.050* (0.021)	0.057** (0.015)	0.058** (0.016)	0.036+ (0.020)
Internet							
Proportion of households with dial-up internet only	0.011 (0.009)	0.008 (0.010)	0.021 (0.015)	0.004 (0.018)	0.010 (0.012)	0.010 (0.013)	0.005 (0.014)
Proportion of households with smartphone data plan	0.001 (0.017)	0.018 (0.019)	0.006 (0.028)	0.043 (0.032)	-0.009 (0.021)	-0.002 (0.023)	-0.012 (0.027)
Proportion of households with satellite internet	0.008 (0.011)	0.002 (0.012)	0.008 (0.018)	0.020 (0.020)	0.010 (0.015)	0.006 (0.017)	0.017 (0.019)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Density							
Population density (people per square mile)	-0.196 (0.170)	-0.061 (0.187)	-0.467* (0.234)	0.057 (0.277)	-0.415* (0.197)	-0.441* (0.212)	-0.638** (0.222)
Housing density (housing units per square mile)	0.181 (0.173)	0.135 (0.193)	0.468* (0.234)	0.165 (0.292)	0.553** (0.213)	0.671** (0.226)	0.977** (0.232)
Proportion of households with grandparent living with owner	-0.004 (0.016)	-0.010 (0.018)	0.032 (0.028)	0.006 (0.033)	-0.001 (0.017)	0.003 (0.020)	-0.007 (0.022)
Proportion of households overcrowded	0.003 (0.032)	0.029 (0.038)	-0.075 (0.055)	-0.028 (0.070)	-0.025 (0.035)	-0.010 (0.039)	-0.021 (0.045)
Proportion of households severely overcrowded	-0.009 (0.024)	-0.016 (0.029)	0.055 (0.050)	0.015 (0.054)	0.056* (0.027)	0.051+ (0.029)	0.035 (0.035)
Installations and recruitment stations							
Number of installations within 30 miles	0.011* (0.004)	0.008 (0.005)	0.020** (0.007)	0.014+ (0.008)	-0.001 (0.005)	-0.008 (0.005)	-0.009 (0.006)
Number of recruitment stations within 30 miles	0.003 (0.003)	0.004 (0.003)	0.001 (0.004)	-0.002 (0.005)	0.010** (0.003)	0.007* (0.003)	0.012** (0.004)
Constant	0.365** (0.094)	0.057 (0.108)	-0.973** (0.176)	-1.026** (0.183)	0.307* (0.122)	-0.024 (0.143)	-0.341* (0.158)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.10. Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Rural Tracts

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.039 (0.042)	0.053 (0.047)	-0.000 (0.073)	0.058 (0.086)	0.035 (0.056)	0.001 (0.060)	0.121 (0.077)
Military presence	0.083** (0.022)	0.080** (0.025)	0.033 (0.040)	0.038 (0.046)	0.121** (0.028)	0.149** (0.026)	0.163** (0.032)
Demographics							
Count of population ages 15–29	0.568** (0.034)	0.563** (0.041)	0.513** (0.056)	0.544** (0.065)	0.552** (0.047)	0.529** (0.046)	0.585** (0.054)
Median age	0.010 (0.041)	-0.033 (0.048)	-0.021 (0.077)	-0.085 (0.079)	0.016 (0.063)	0.031 (0.065)	0.127 (0.080)
Proportion of population never married	-0.278** (0.051)	-0.344** (0.065)	-0.391** (0.096)	-0.483** (0.120)	-0.363** (0.065)	-0.311** (0.074)	-0.305** (0.078)
Proportion of population divorced, separated, or widowed	0.015 (0.029)	0.041 (0.032)	-0.002 (0.068)	0.021 (0.060)	0.043 (0.038)	0.007 (0.040)	0.014 (0.049)
Proportion of population Black	-0.050 (0.040)	-0.027 (0.053)	-0.122 (0.075)	-0.032 (0.102)	0.671** (0.049)	0.565** (0.055)	0.551** (0.059)
Proportion of population other	-0.086* (0.036)	-0.065 (0.042)	-0.239** (0.086)	-0.112 (0.075)	0.189** (0.038)	0.148** (0.039)	0.206** (0.045)
Proportion of population Hispanic	-0.025 (0.080)	-0.163+ (0.096)	-0.197 (0.155)	-0.266 (0.190)	0.563** (0.093)	0.602** (0.094)	0.642** (0.124)
Proportion of population with less than high school education	-0.059 (0.058)	-0.021 (0.067)	-0.240* (0.118)	-0.062 (0.117)	-0.066 (0.072)	-0.059 (0.077)	-0.072 (0.094)
Proportion of population with a high school diploma or GED	0.096* (0.058)	0.075 (0.067)	0.045 (0.118)	0.059 (0.117)	0.066 (0.072)	0.077 (0.077)	0.131+ (0.094)

Variable	(1) High Quality Appli- cation Cont.	(2) High Quality Acces- sion	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Acces- sions	(5) Appli- cation Starts, Marg. Pop.	(6) Appli- cation Cont., Marg. Pop.	(7) Acces- sions, Marg. Pop.
	(0.041)	(0.049)	(0.073)	(0.084)	(0.056)	(0.062)	(0.070)
Proportion of population with some college	0.047	0.023	0.044	-0.017	0.061	0.090+	0.083
	(0.037)	(0.043)	(0.065)	(0.066)	(0.047)	(0.050)	(0.057)
Proportion of foreign-born population who are noncitizens	0.070	0.124	0.042	0.144	0.052	0.051	0.109
	(0.062)	(0.085)	(0.127)	(0.197)	(0.074)	(0.074)	(0.089)
Proportion of foreign-born population who are citizens	0.155+	0.187+	0.192	0.163	0.230**	0.297**	0.298**
	(0.088)	(0.101)	(0.185)	(0.170)	(0.088)	(0.092)	(0.105)
Proportion of population who speak language other than English in the home	-0.204+	-0.194	-0.003	-0.246	-0.198	-0.253*	-0.362*
	(0.106)	(0.123)	(0.219)	(0.233)	(0.124)	(0.118)	(0.150)
Proportion of foreign-born population who entered U.S. before 1990	-0.002	-0.022	-0.012	-0.036	-0.038	-0.044	-0.035
	(0.015)	(0.019)	(0.026)	(0.035)	(0.023)	(0.027)	(0.034)
Proportion of foreign-born population who entered U.S. 1990–1999	0.015	-0.005	-0.014	0.014	-0.020	-0.003	-0.022
	(0.015)	(0.017)	(0.026)	(0.033)	(0.023)	(0.025)	(0.031)
Proportion of foreign-born population who entered U.S. 2000–2009	0.002	-0.026	-0.011	-0.024	0.024	0.023	0.019
	(0.016)	(0.020)	(0.030)	(0.033)	(0.027)	(0.027)	(0.033)
Proportion of veterans who served in 2001 Gulf War or later	-0.019	0.027	0.020	-0.062	-0.036	-0.047	-0.024
	(0.031)	(0.036)	(0.062)	(0.074)	(0.041)	(0.046)	(0.053)
Proportion of veterans who served in Vietnam War	-0.054*	-0.064*	-0.018	-0.053	-0.100**	-0.122**	-0.113*
	(0.027)	(0.029)	(0.050)	(0.054)	(0.038)	(0.040)	(0.044)
Proportion of veterans who served in Korean War	-0.041	-0.008	-0.069	-0.068	-0.003	0.019	0.042
	(0.025)	(0.029)	(0.050)	(0.056)	(0.033)	(0.036)	(0.041)
Proportion of veterans who served in World War II	0.030	0.022	-0.013	-0.046	0.008	-0.009	-0.003
	(0.027)	(0.031)	(0.047)	(0.057)	(0.034)	(0.038)	(0.049)

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Urbanicity							
30% or more commute to a metropolitan core							
Less than 30% commute to a metropolitan core							
Micropolitan core							
30% or more commute to a micropolitan core							
Small town core	0.026*	0.039**	0.032+	0.043+	0.045**	0.040**	0.037*
	(0.010)	(0.013)	(0.018)	(0.023)	(0.012)	(0.014)	(0.018)
30% or more commute to a small town core	-0.005	-0.006	-0.009	-0.018	0.015	0.014	0.011
	(0.007)	(0.008)	(0.013)	(0.014)	(0.009)	(0.010)	(0.012)
Less than 30% commute to a small town core	-0.001	0.003	0.007	0.003	-0.002	-0.008	-0.002
	(0.005)	(0.006)	(0.009)	(0.011)	(0.008)	(0.010)	(0.011)
Economic well-being							
Proportion of households with public assistance income	0.033	-0.004	0.069	0.048	-0.056+	-0.070*	-0.079+
	(0.026)	(0.034)	(0.064)	(0.071)	(0.032)	(0.034)	(0.046)
Proportion of households with Supplemental Security Income	-0.047+	-0.068+	0.069	0.042	-0.071+	-0.064	-0.088+
	(0.029)	(0.035)	(0.059)	(0.046)	(0.039)	(0.041)	(0.053)
Proportion of population with income below the poverty line	-0.032	0.010	-0.077	-0.054	-0.024	0.050	0.091
	(0.049)	(0.056)	(0.098)	(0.127)	(0.058)	(0.062)	(0.073)
Proportion of labor force unemployed	-0.012	-0.010	0.034	0.024	0.038	0.049	0.095*
	(0.028)	(0.036)	(0.052)	(0.065)	(0.030)	(0.035)	(0.044)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Median income	0.149 (0.099)	0.011 (0.111)	0.136 (0.166)	-0.019 (0.195)	0.195 (0.133)	0.269+ (0.140)	0.502** (0.166)
Median rent	0.050 (0.083)	0.124 (0.087)	-0.195 (0.154)	0.107 (0.164)	0.034 (0.130)	-0.024 (0.127)	0.081 (0.133)
Median property value	-0.264** (0.102)	-0.202+ (0.121)	0.094 (0.136)	-0.137 (0.210)	-0.374** (0.133)	-0.336* (0.139)	-0.403* (0.179)
Proportion of occupied households occupied by renter	0.062 (0.063)	-0.079 (0.069)	0.069 (0.120)	-0.062 (0.131)	0.031 (0.080)	0.048 (0.085)	0.133 (0.102)
Proportion of population without insurance	0.010 (0.036)	0.029 (0.046)	0.056 (0.069)	0.106 (0.087)	-0.065 (0.049)	0.023 (0.053)	0.054 (0.058)
Mobility							
Proportion of population living in same house as prior year	0.143** (0.053)	0.107+ (0.059)	-0.027 (0.089)	0.009 (0.093)	0.273** (0.073)	0.281** (0.077)	0.470** (0.098)
Proportion of population moving within county within past year	0.121** (0.044)	0.073 (0.048)	0.038 (0.071)	-0.008 (0.083)	0.258** (0.059)	0.230** (0.063)	0.294** (0.077)
Proportion of population moving from abroad within past year	-0.007 (0.033)	0.027 (0.037)	0.016 (0.062)	0.065 (0.065)	0.059+ (0.033)	0.061+ (0.032)	0.067+ (0.038)
Proportion of population moving from different state within past year	-0.022 (0.032)	-0.039 (0.037)	0.018 (0.060)	-0.062 (0.062)	-0.007 (0.042)	-0.012 (0.044)	0.068 (0.054)
Proportion of working population without vehicles	0.032 (0.060)	-0.002 (0.076)	0.078 (0.120)	-0.118 (0.140)	0.172* (0.083)	0.165+ (0.091)	0.185+ (0.110)
Commuting							
Proportion of working population commuting by public transportation	-0.706** (0.243)	-0.773** (0.263)	-0.224 (0.334)	-0.663 (0.424)	-0.330+ (0.169)	-0.480+ (0.250)	-0.553 (0.357)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Proportion of working population commuting by walk or bicycle	-0.152** (0.043)	-0.073 (0.049)	-0.221** (0.077)	-0.064 (0.087)	-0.094+ (0.048)	-0.105* (0.050)	-0.086 (0.059)
Proportion of working population commuting by other transportation	0.013 (0.018)	-0.010 (0.024)	0.062+ (0.034)	-0.015 (0.047)	-0.041 (0.027)	-0.046 (0.029)	-0.057+ (0.034)
Proportion of working population working from home	-0.072** (0.024)	-0.088** (0.027)	-0.096* (0.040)	-0.076 (0.051)	-0.024 (0.032)	-0.038 (0.036)	-0.073+ (0.044)
Proportion of population working outside of home with 20–29-minute commute	0.034 (0.023)	0.042+ (0.025)	0.037 (0.045)	0.054 (0.056)	-0.015 (0.031)	-0.028 (0.033)	-0.019 (0.037)
Proportion of population working outside of home with 30–44-minute commute	0.010 (0.022)	0.001 (0.026)	0.034 (0.044)	-0.052 (0.051)	0.015 (0.032)	0.021 (0.033)	-0.002 (0.041)
Proportion of population working outside of home with 45–59-minute commute	0.012 (0.024)	0.010 (0.031)	0.020 (0.043)	0.052 (0.054)	-0.040 (0.033)	-0.033 (0.037)	-0.001 (0.047)
Proportion of population working outside of home with 60–89-minute commute	0.007 (0.025)	-0.014 (0.031)	-0.024 (0.048)	-0.049 (0.056)	-0.051 (0.035)	-0.035 (0.039)	-0.020 (0.046)
Proportion of population working outside of home with 90–99-minute commute	-0.006 (0.022)	-0.036 (0.024)	-0.043 (0.046)	-0.022 (0.054)	-0.036 (0.031)	-0.037 (0.031)	-0.099** (0.037)
Internet							
Proportion of households with dial-up internet only	0.015 (0.016)	0.026 (0.019)	0.017 (0.030)	0.032 (0.029)	-0.026 (0.024)	0.006 (0.024)	-0.003 (0.030)
Proportion of households with smartphone data plan	0.066* (0.031)	0.047 (0.036)	-0.006 (0.059)	0.007 (0.074)	-0.017 (0.047)	0.025 (0.048)	0.023 (0.053)
Proportion of households with satellite internet	-0.010 (0.020)	0.004 (0.023)	-0.022 (0.039)	-0.002 (0.045)	0.036 (0.027)	0.046 (0.028)	0.066+ (0.034)

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Density	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Population density (people per square mile)	-0.435 (0.457)	-0.710 (0.593)	8.246** (2.646)	-0.211 (0.763)	-1.722* (0.733)	-1.403+ (0.722)	-1.142 (0.969)
Housing density (housing units per square mile)	0.082 (0.401)	0.398 (0.571)	-8.140** (2.706)	-0.108 (0.663)	1.317+ (0.749)	1.143 (0.713)	0.686 (1.025)
Proportion of households with grandparent living with owner	0.088** (0.034)	0.062 (0.044)	-0.062 (0.053)	-0.049 (0.069)	0.035 (0.034)	0.030 (0.037)	0.057 (0.047)
Proportion of households overcrowded	-0.034 (0.060)	-0.010 (0.077)	0.152 (0.109)	0.196 (0.122)	0.050 (0.077)	0.023 (0.080)	-0.045 (0.099)
Proportion of households severely overcrowded	-0.018 (0.041)	-0.066 (0.060)	-0.174+ (0.097)	-0.232+ (0.129)	-0.071 (0.044)	-0.064 (0.048)	-0.020 (0.055)
Installations and recruitment stations							
Number of installations within 30 miles	0.021 (0.018)	0.002 (0.028)	0.078** (0.025)	0.027 (0.040)	0.052** (0.018)	0.044* (0.018)	0.033 (0.022)
Number of recruitment stations within 30 miles	0.004 (0.007)	0.011 (0.009)	0.005 (0.012)	0.009 (0.013)	0.009 (0.010)	0.001 (0.011)	-0.017 (0.014)
Constant	-0.309 (0.198)	-0.642** (0.231)	-0.973* (0.441)	-2.001** (0.368)	-0.429+ (0.259)	-0.874** (0.265)	-1.271** (0.339)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.11. Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Meta-Analytic Average

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.02*	0.009	0.017	0.002	0.028**	0.038**	0.03**
	(0.009)	(0.01)	(0.015)	(0.017)	(0.009)	(0.01)	(0.011)

Observations

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Heterogeneity

In this section, Tables C.12 through C.14 present our estimates of the heterogeneity in effects with the full set of covariates included in the models in our preferred model. These results correspond to Table 4.8. Note that estimates in Chapter 4 are presented in IRRs, while estimates presented below are in untransformed coefficients, β , where $IRR = e^\beta$. Estimates of the number of applications, continuations, and accessions given in Table 4.7 are derived from the coefficients in Tables C.12 through C.14.

Table C.12. Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Military Presence

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Served by DoD youth program	-0.004 (0.015)	0.007 (0.017)	0.002 (0.019)	-0.002 (0.033)	0.016 (0.035)	-0.030 (0.040)	0.115+ (0.059)	0.119+ (0.064)	0.152+ (0.078)	0.002 (0.013)	0.014 (0.015)	0.003 (0.017)
Military presence: Q2 * served by DoD youth program	0.042+ (0.022)	0.033 (0.025)	0.012 (0.028)	0.042 (0.045)	-0.000 (0.048)	0.084 (0.054)	-0.097 (0.077)	-0.117 (0.084)	-0.098 (0.099)	0.033+ (0.019)	0.017 (0.021)	0.02 (0.024)
Military presence: Q3 * served by DoD youth program	0.037+ (0.022)	0.027 (0.024)	0.022 (0.027)	0.016 (0.046)	0.000 (0.048)	0.078 (0.055)	-0.092 (0.088)	-0.091 (0.089)	-0.200* (0.102)	0.027 (0.019)	0.015 (0.021)	0.021 (0.024)
Military presence: Q4 * served by DoD youth program	0.038+ (0.020)	0.027 (0.022)	0.032 (0.025)	0.050 (0.045)	0.057 (0.047)	0.131* (0.054)	-0.046 (0.085)	-0.121 (0.092)	-0.053 (0.108)	0.036* (0.018)	0.025 (0.019)	0.045* (0.022)
Military presence: Q2	-0.013 (0.018)	-0.025 (0.020)	-0.053* (0.022)	0.051 (0.033)	0.077* (0.035)	-0.012 (0.040)	0.217** (0.062)	0.247** (0.069)	0.238** (0.076)	0.016 (0.015)	0.014 (0.017)	-0.027 (0.019)
Military presence: Q3	0.041* (0.020)	0.020 (0.022)	-0.018 (0.024)	0.147** (0.032)	0.170** (0.034)	0.084* (0.039)	0.231** (0.070)	0.246** (0.070)	0.324** (0.080)	0.079** (0.016)	0.075** (0.018)	0.029 (0.02)

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Accessions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Military presence: Q4	0.309** (0.021)	0.268** (0.023)	0.218** (0.025)	0.340** (0.036)	0.331** (0.038)	0.248** (0.043)	0.367** (0.078)	0.400** (0.081)	0.387** (0.095)	0.32** (0.018)	0.291** (0.019)	0.234** (0.021)
Demographics												
Count of population ages 15–29	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)		
Median age	-0.094** (0.009)	-0.103** (0.010)	-0.097** (0.011)	-0.100** (0.019)	-0.115** (0.020)	-0.070** (0.022)	-0.026 (0.037)	-0.011 (0.037)	0.014 (0.045)			
Proportion of population never married	-0.349** (0.010)	-0.362** (0.011)	-0.367** (0.012)	-0.386** (0.026)	-0.389** (0.026)	-0.338** (0.029)	-0.323** (0.041)	-0.316** (0.044)	-0.288** (0.050)			
Proportion of population divorced, separated, or widowed	-0.044** (0.007)	-0.042** (0.007)	-0.049** (0.008)	0.016 (0.015)	0.021 (0.015)	0.008 (0.017)	0.019 (0.024)	-0.000 (0.024)	0.025 (0.028)			
Proportion of population Black	0.123** (0.006)	0.067** (0.007)	0.083** (0.008)	0.155** (0.018)	0.102** (0.019)	0.120** (0.021)	0.126** (0.032)	0.061+ (0.034)	0.022 (0.039)			
Proportion of population other	0.068** (0.007)	0.070** (0.008)	0.065** (0.009)	0.050* (0.022)	0.033 (0.028)	0.037 (0.033)	-0.042 (0.033)	-0.056+ (0.033)	-0.039 (0.036)			
Proportion of population Hispanic	0.111** (0.012)	0.094** (0.013)	0.093** (0.015)	0.157** (0.037)	0.120** (0.041)	0.108* (0.049)	0.048 (0.063)	0.087 (0.070)	0.042 (0.081)			
Proportion of population with less than high school education	0.046**	0.053**	0.039**	-0.081**	-0.071**	-0.026	-0.030	-0.038	-0.037			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.010)	(0.010)	(0.012)	(0.024)	(0.026)	(0.029)	(0.044)	(0.047)	(0.057)			
Proportion of population with a high school diploma or GED	0.120**	0.124**	0.127**	-0.011	-0.007	0.002	0.073*	0.075*	0.077+			
	(0.008)	(0.008)	(0.009)	(0.020)	(0.021)	(0.023)	(0.034)	(0.037)	(0.043)			
Proportion of population with some college	0.143**	0.146**	0.150**	0.045**	0.053**	0.080**	0.023	0.029	0.029			
	(0.006)	(0.007)	(0.008)	(0.016)	(0.017)	(0.019)	(0.031)	(0.033)	(0.037)			
Proportion of foreign-born population who are noncitizens	-0.024*	-0.015	-0.012	0.008	-0.001	0.011	0.073	0.069	0.124*			
	(0.010)	(0.011)	(0.012)	(0.033)	(0.033)	(0.037)	(0.052)	(0.056)	(0.061)			
Proportion of foreign-born population who are citizens	0.020*	0.028**	0.021*	0.077*	0.082*	0.088*	0.216**	0.273**	0.260**			
	(0.008)	(0.009)	(0.010)	(0.036)	(0.037)	(0.043)	(0.081)	(0.087)	(0.095)			
Proportion of population who speak language other than English in the home	-0.098**	-0.123**	-0.113**	-0.197**	-0.188**	-0.228**	-0.237**	-0.291**	-0.341**			
	(0.017)	(0.019)	(0.021)	(0.054)	(0.059)	(0.069)	(0.080)	(0.090)	(0.105)			
Proportion of foreign-born population who entered U.S. before 1990	-0.005	-0.005	-0.009	-0.014+	-0.010	-0.007	-0.016	-0.015	-0.029+			
	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.012)	(0.013)	(0.017)			
Proportion of foreign-born	-0.011*	-0.015**	-0.015*	-0.008	-0.003	0.003	-0.004	-0.002	-0.015			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
population who entered U.S. 1990–1999	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.012)	(0.012)	(0.014)			
Proportion of foreign-born population who entered U.S. 2000–2009	-0.001	-0.004	-0.017*	-0.014+	-0.009	-0.001	-0.002	-0.009	-0.031+			
Proportion of veterans who served in 2001 Gulf War or later	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.010)	(0.015)	(0.014)	(0.017)			
Proportion of veterans who served in Vietnam War	0.022**	0.020**	0.023**	0.033*	0.035*	0.037*	0.014	0.008	0.046			
Proportion of veterans who served in Korean War	(0.005)	(0.005)	(0.006)	(0.013)	(0.014)	(0.016)	(0.024)	(0.026)	(0.029)			
Proportion of veterans who served in World War II	-0.014**	-0.014**	-0.016**	-0.027*	-0.021+	-0.026+	-0.048*	-0.048*	-0.057*			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.014)	(0.022)	(0.023)	(0.024)			
	-0.016**	-0.016**	-0.016**	-0.015	-0.021+	-0.025+	0.003	0.002	0.015			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.015)	(0.019)	(0.021)	(0.023)			
	-0.025**	-0.018**	-0.011*	-0.004	-0.010	-0.025	0.003	0.003	0.000			
	(0.004)	(0.005)	(0.005)	(0.012)	(0.012)	(0.015)	(0.021)	(0.023)	(0.028)			
Urbanicity												
30% or more commute to a metropolitan core				0.001	0.000	0.009						

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Accessions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
				(0.017)	(0.017)	(0.018)						
Less than 30% commute to a metropolitan core				-0.007	-0.009	-0.008						
				(0.006)	(0.007)	(0.007)						
Metropolitan core				0.003	-0.001	0.017						
				(0.014)	(0.014)	(0.016)						
30% or more commute to a micropolitan core				-0.010	-0.010	0.004						
				(0.010)	(0.010)	(0.011)						
Small town core							0.031**	0.026**	0.027**			
							(0.007)	(0.008)	(0.010)			
30% or more commute to a small town core							0.004	0.004	0.002			
							(0.005)	(0.005)	(0.007)			
Less than 30% commute to a small town core							0.001	0.000	0.003			
							(0.004)	(0.004)	(0.005)			
Economic well-being												
Proportion of households with public assistance income	0.013**	0.010+	0.008	-0.016	-0.013	0.009	0.013	0.008	-0.013			
	(0.005)	(0.005)	(0.006)	(0.011)	(0.012)	(0.014)	(0.021)	(0.021)	(0.027)			
Proportion of households with Supplemental Security Income	-0.003	-0.007	-0.003	0.022	0.022	0.033*	-0.039+	-0.030	-0.036			
	(0.006)	(0.007)	(0.008)	(0.014)	(0.015)	(0.016)	(0.023)	(0.024)	(0.029)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Proportion of population with income below the poverty line	-0.076**	-0.073**	-0.083**	0.007	0.013	-0.003	-0.012	0.013	0.014			
	(0.008)	(0.009)	(0.011)	(0.019)	(0.021)	(0.024)	(0.036)	(0.039)	(0.043)			
Proportion of labor force unemployed	-0.026**	-0.027**	-0.019**	0.003	-0.009	-0.024	0.008	0.001	0.026			
	(0.006)	(0.006)	(0.007)	(0.012)	(0.014)	(0.015)	(0.020)	(0.022)	(0.028)			
Median income	-0.012	0.003	-0.008	0.139**	0.153**	0.135**	0.102	0.133	0.122			
	(0.014)	(0.015)	(0.017)	(0.036)	(0.038)	(0.041)	(0.084)	(0.088)	(0.097)			
Median rent	-0.048**	-0.051**	-0.060**	0.008	0.017	0.017	0.067	0.040	0.117			
	(0.010)	(0.010)	(0.012)	(0.022)	(0.024)	(0.026)	(0.073)	(0.073)	(0.077)			
Median property value	-0.134**	-0.142**	-0.148**	-0.337**	-0.349**	-0.323**	-0.330**	-0.347**	-0.359**			
	(0.012)	(0.013)	(0.015)	(0.054)	(0.055)	(0.060)	(0.094)	(0.097)	(0.120)			
Proportion of occupied households occupied by renter	0.045**	0.038**	0.031**	0.045	0.030	-0.007	0.034	0.043	0.004			
	(0.009)	(0.010)	(0.011)	(0.028)	(0.029)	(0.032)	(0.051)	(0.053)	(0.058)			
Proportion of population without insurance	0.006	0.007	0.006	0.008	0.013	0.029	-0.029	0.012	0.031			
	(0.007)	(0.008)	(0.009)	(0.018)	(0.018)	(0.020)	(0.029)	(0.030)	(0.035)			
Mobility												
Proportion of population living in same house as prior year	0.051**	0.048**	0.055**	0.147**	0.141**	0.150**	0.156**	0.131**	0.152**			
	(0.014)	(0.015)	(0.016)	(0.027)	(0.029)	(0.031)	(0.043)	(0.043)	(0.048)			
Proportion of population moving	0.007	-0.000	0.002	0.099**	0.085**	0.076**	0.135**	0.118**	0.102*			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
within county within past year	(0.010)	(0.011)	(0.012)	(0.020)	(0.021)	(0.023)	(0.036)	(0.037)	(0.041)			
Proportion of population moving from abroad within past year	0.006	0.006	0.006	0.028+	0.019	0.011	0.026	0.005	0.036			
Proportion of population moving from different state within past year	(0.005)	(0.006)	(0.007)	(0.015)	(0.017)	(0.021)	(0.025)	(0.028)	(0.027)			
Proportion of working population without vehicles	0.006	0.005	0.012	0.027	0.026	0.035+	-0.005	-0.009	-0.026			
	(0.008)	(0.009)	(0.009)	(0.017)	(0.017)	(0.019)	(0.029)	(0.031)	(0.031)			
	0.103**	0.100**	0.114**	0.068*	0.072*	0.038	0.097*	0.111*	0.136*			
	(0.009)	(0.010)	(0.011)	(0.033)	(0.036)	(0.041)	(0.048)	(0.052)	(0.061)			
Commuting												
Proportion of working population commuting by public transportation	-0.131**	-0.136**	-0.132**	-0.329**	-0.291**	-0.247**	-0.336*	-0.444**	-0.665**			
	(0.010)	(0.011)	(0.013)	(0.078)	(0.084)	(0.091)	(0.137)	(0.171)	(0.236)			
Proportion of working population commuting by walk or bicycle	-0.138**	-0.133**	-0.144**	-0.135**	-0.140**	-0.143**	-0.147**	-0.161**	-0.128**			
	(0.008)	(0.010)	(0.011)	(0.024)	(0.024)	(0.027)	(0.036)	(0.038)	(0.044)			
Proportion of working population commuting by other transportation	0.000	0.000	-0.003	0.002	0.005	0.014	-0.005	-0.011	-0.033+			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.004)	(0.004)	(0.005)	(0.009)	(0.009)	(0.011)	(0.014)	(0.015)	(0.019)			
Proportion of working population working from home	-0.052**	-0.051**	-0.052**	-0.053**	-0.049**	-0.051**	-0.062**	-0.069**	-0.080**			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.014)	(0.015)	(0.020)	(0.021)	(0.024)			
Proportion of population working outside of home with 20–29-minute commute	0.015**	0.010*	0.013*	0.020+	0.010	0.025*	0.020	0.018	-0.002			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.019)	(0.020)	(0.022)			
Proportion of population working outside of home with 30–44-minute commute	0.019**	0.017**	0.019**	0.026*	0.027*	0.034**	0.022	0.020	0.022			
	(0.005)	(0.006)	(0.006)	(0.010)	(0.011)	(0.013)	(0.018)	(0.019)	(0.023)			
Proportion of population working outside of home with 45–59-minute commute	0.029**	0.034**	0.034**	0.027*	0.017	0.018	0.002	0.015	0.005			
	(0.005)	(0.006)	(0.007)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.025)			
Proportion of population working outside of home with 60–89-minute commute	0.023**	0.027**	0.034**	0.022+	0.022+	0.033*	-0.019	-0.005	-0.011			
	(0.006)	(0.007)	(0.008)	(0.012)	(0.013)	(0.014)	(0.021)	(0.022)	(0.024)			
Proportion of population working outside of home with 90–99-minute commute	0.024**	0.027**	0.030**	0.041**	0.041**	0.048**	-0.021	-0.018	-0.043*			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.005)	(0.005)	(0.006)	(0.010)	(0.010)	(0.013)	(0.017)	(0.018)	(0.020)			
Internet												
Proportion of households with dial-up internet only	-0.008	-0.005	-0.007	0.007	0.005	0.001	-0.006	-0.001	0.001			
	(0.005)	(0.005)	(0.006)	(0.007)	(0.008)	(0.009)	(0.013)	(0.014)	(0.017)			
Proportion of households with smartphone data plan	0.022**	0.025**	0.033**	-0.013	-0.005	0.009	0.005	0.028	0.019			
	(0.006)	(0.007)	(0.007)	(0.014)	(0.015)	(0.017)	(0.028)	(0.028)	(0.031)			
Proportion of households with satellite internet	0.014*	0.017*	0.012	0.007	0.006	0.012	0.008	0.003	0.012			
	(0.006)	(0.007)	(0.008)	(0.009)	(0.010)	(0.011)	(0.015)	(0.016)	(0.019)			
Density												
Population density (people per square mile)	0.063**	0.060**	0.050**	-0.372**	-0.295+	-0.237	-1.033*	-0.810+	-0.865+			
	(0.014)	(0.015)	(0.018)	(0.137)	(0.154)	(0.161)	(0.423)	(0.438)	(0.519)			
Housing density (housing units per square mile)	-0.047**	-0.041**	-0.040*	0.389**	0.318*	0.387*	0.579	0.378	0.456			
	(0.014)	(0.016)	(0.018)	(0.138)	(0.154)	(0.164)	(0.373)	(0.362)	(0.491)			
Proportion of households with grandparent living with owner	0.016**	0.015**	0.019**	0.005	0.000	-0.009	0.061**	0.062**	0.077*			
	(0.005)	(0.006)	(0.006)	(0.012)	(0.013)	(0.015)	(0.023)	(0.024)	(0.035)			
Proportion of households overcrowded	-0.005	-0.002	0.005	-0.011	0.001	0.015	-0.026	-0.025	-0.016			

Variable	Urban Tracts			Suburban Tracts		Rural Tracts			Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.008)	(0.009)	(0.010)	(0.026)	(0.028)	(0.031)	(0.049)	(0.052)	(0.062)			
Proportion of households severely overcrowded	0.012*	0.016*	0.006	0.021	0.014	-0.010	-0.019	-0.017	-0.041			
	(0.006)	(0.007)	(0.008)	(0.021)	(0.022)	(0.024)	(0.031)	(0.033)	(0.041)			
Installations and recruitment stations												
Number of installations within 30 miles	0.008**	0.007**	0.007**	0.007+	0.003	0.003	0.014	0.018	-0.001			
	(0.001)	(0.001)	(0.002)	(0.004)	(0.004)	(0.004)	(0.015)	(0.017)	(0.015)			
Number of recruitment stations within 30 miles	0.001	-0.000	-0.000	0.003	0.001	0.001	0.010	0.007	0.001			
	(0.000)	(0.000)	(0.001)	(0.002)	(0.002)	(0.002)	(0.007)	(0.007)	(0.008)			
Constant	0.484**	0.145**	-0.193**	0.285**	0.005	-0.246*	-0.507**	-0.872**	-1.221**			
	(0.041)	(0.046)	(0.051)	(0.083)	(0.090)	(0.100)	(0.180)	(0.189)	(0.232)			
Observations	51,821	14,073	6,497									

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.13. Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Education

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Contin- uations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Served by DoD youth program	0.009 (0.021)	0.004 (0.023)	-0.039 (0.027)	0.024 (0.035)	0.041 (0.036)	0.066+ (0.038)	0.071 (0.081)	0.017 (0.086)	-0.140 (0.093)	0.016 (0.018)	0.015 (0.019)	-0.012 (0.021)
HS/GED or less: Q2 * served by DoD youth program	0.009 (0.026)	0.016 (0.028)	0.067* (0.032)	-0.013 (0.045)	-0.008 (0.047)	-0.026 (0.050)	-0.057 (0.111)	-0.042 (0.110)	0.147 (0.129)	0.001 (0.022)	0.007 (0.023)	0.045+ (0.026)
HS/GED or less: Q3 * served by DoD youth program	0.014 (0.025)	0.016 (0.027)	0.051 (0.031)	-0.004 (0.045)	-0.018 (0.046)	-0.011 (0.051)	0.043 (0.094)	0.112 (0.101)	0.315** (0.109)	0.011 (0.021)	0.013 (0.023)	0.05+ (0.026)
HS/GED or less: Q4 * served by DoD youth program	0.022 (0.025)	0.039 (0.028)	0.077* (0.031)	0.030 (0.047)	0.013 (0.050)	-0.028 (0.056)	-0.061 (0.095)	-0.038 (0.102)	0.196+ (0.117)	0.02 (0.021)	0.029 (0.023)	0.06* (0.027)
HS/GED or less: Q2	0.158** (0.016)	0.164** (0.017)	0.157** (0.019)	0.003 (0.037)	0.012 (0.037)	0.067+ (0.038)	0.221* (0.088)	0.219* (0.093)	0.102 (0.111)	0.137** (0.014)	0.14** (0.015)	0.138** (0.017)
HS/GED or less: Q3	0.240** (0.018)	0.256** (0.020)	0.254** (0.022)	-0.079+ (0.042)	-0.063 (0.042)	-0.057 (0.045)	0.169* (0.080)	0.145 (0.090)	0.080 (0.097)	0.187** (0.016)	0.194** (0.018)	0.188** (0.02)
HS/GED or less: Q4	0.284** (0.023)	0.291** (0.025)	0.293** (0.028)	-0.192** (0.053)	-0.173* (0.054)	-0.108 (0.058)	0.126 (0.091)	0.134 (0.100)	0.018 (0.114)	0.204** (0.02)	0.205** (0.022)	0.207** (0.025)
Demographics												
Military presence	0.126** (0.005)	0.118** (0.005)	0.114** (0.005)	0.111** (0.009)	0.106** (0.009)	0.111** (0.010)	0.091** (0.022)	0.085** (0.020)	0.076** (0.024)			
Count of population ages 15–29	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Median age	-0.075*	-0.084*	-0.078	-0.081**	-0.097*	-0.052	0.000	0.018	0.047			
	(0.009)	(0.010)	(0.011)	(0.019)	(0.020)	(0.022)	(0.035)	(0.035)	(0.043)			
Proportion of population never married	-0.335*	-0.348*	-0.352	-0.360**	-0.363*	-0.307	-0.306*	-0.299*	-0.270*			
	(0.010)	(0.011)	(0.012)	(0.025)	(0.026)	(0.028)	(0.041)	(0.044)	(0.050)			
Proportion of population divorced, separated, or widowed	-0.044*	-0.043*	-0.051	0.018	0.024	0.011	0.017	-0.001	0.028			
	(0.007)	(0.007)	(0.008)	(0.015)	(0.015)	(0.017)	(0.023)	(0.024)	(0.027)			
Proportion of population Black	0.113**	0.057**	0.073**	0.137**	0.083**	0.103**	0.121**	0.057+	0.018			
	(0.006)	(0.007)	(0.008)	(0.017)	(0.018)	(0.020)	(0.032)	(0.034)	(0.039)			
Proportion of population other	0.063**	0.064**	0.057**	0.050**	0.032	0.030	-0.049	-0.062*	-0.049			
	(0.008)	(0.008)	(0.009)	(0.019)	(0.024)	(0.030)	(0.032)	(0.032)	(0.035)			
Proportion of population Hispanic	0.125**	0.108**	0.106**	0.167**	0.128**	0.114*	0.042	0.077	0.024			
	(0.012)	(0.013)	(0.015)	(0.035)	(0.039)	(0.047)	(0.063)	(0.072)	(0.084)			
Proportion of population with some college	0.105**	0.107**	0.113**	0.024	0.029+	0.043*	0.008	0.021	0.016			
	(0.006)	(0.007)	(0.008)	(0.016)	(0.016)	(0.018)	(0.029)	(0.031)	(0.034)			
Proportion of foreign- born population who are noncitizens	-0.029*	-0.019+	-0.017	-0.014	-0.019	0.003	0.082	0.074	0.133*			
	(0.009)	(0.011)	(0.012)	(0.031)	(0.032)	(0.037)	(0.050)	(0.054)	(0.061)			
Proportion of foreign- born population who are citizens	0.014+	0.022*	0.019+	0.073*	0.076*	0.072+	0.168*	0.226**	0.210*			
	(0.008)	(0.009)	(0.010)	(0.036)	(0.036)	(0.042)	(0.073)	(0.081)	(0.087)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Proportion of population who speak language other than English in the home	-0.117* *	-0.140* *	-0.130 **	-0.229**	-0.218* *	-0.236 **	-0.269* *	-0.326* *	-0.375* *			
	(0.017)	(0.019)	(0.021)	(0.052)	(0.056)	(0.066)	(0.080)	(0.094)	(0.110)			
Proportion of foreign-born population who entered U.S. before 1990	0.003	0.002	-0.002	-0.010	-0.007	-0.004	-0.017	-0.016	-0.029 +			
	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.012)	(0.013)	(0.017)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.001	-0.006	-0.006	-0.003	0.002	0.009	-0.001	0.001	-0.012			
	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.012)	(0.013)	(0.015)			
Proportion of foreign-born population who entered U.S. 2000–2009	0.008	0.004	-0.007	-0.008	-0.004	0.004	0.000	-0.005	-0.028 +			
	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.010)	(0.014)	(0.014)	(0.016)			
Proportion of veterans who served in 2001 Gulf War or later	0.013**	0.010+	0.013*	0.014	0.017	0.014	0.001	-0.005	0.040			
	(0.005)	(0.005)	(0.006)	(0.013)	(0.014)	(0.016)	(0.025)	(0.027)	(0.029)			
Proportion of veterans who served in Vietnam War	-0.014* *	-0.014* *	-0.016 **	-0.028*	-0.022 +	-0.027 +	-0.048* *	-0.048* *	-0.059* *			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.014)	(0.022)	(0.024)	(0.024)			
Proportion of veterans who served in Korean War	-0.017* *	-0.017* *	-0.016 **	-0.017	-0.023* *	-0.026 +	-0.000	-0.002	0.011			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.011)	(0.015)	(0.019)	(0.021)	(0.024)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica- tion Starts	Appli- cation Contin- uations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Proportion of veterans who served in World War II	-0.026* *	-0.019* *	-0.012 *	-0.007	-0.013	-0.027 +	-0.004	-0.005	-0.008			
	(0.004)	(0.005)	(0.005)	(0.012)	(0.012)	(0.015)	(0.021)	(0.023)	(0.028)			
Urbanicity												
30% or more commute to a metropolitan core				-0.006 (0.017)	-0.008 (0.017)	-0.001 (0.019)						
Less than 30% commute to a metropolitan core				-0.010 (0.006)	-0.012 (0.007) +	-0.011 (0.007)						
Micropolitan core				-0.003 (0.014)	-0.008 (0.014)	0.008 (0.016)						
30% or more commute to a micropolitan core				-0.015 (0.010)	-0.016 (0.010)	-0.003 (0.011)						
Small town core							0.033** (0.007)	0.029** (0.008)	0.031** (0.010)			
30% or more commute to a small town core							0.002 (0.005)	0.002 (0.006)	0.000 (0.007)			
Less than 30% commute to a small town core							0.002 (0.004)	0.001 (0.004)	0.004 (0.005)			
Economic well-being												
Proportion of households with public assistance income	0.014**	0.011*	0.009	-0.014	-0.011	0.011	0.008	0.002	-0.018			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.005)	(0.005)	(0.006)	(0.011)	(0.012)	(0.014)	(0.021)	(0.021)	(0.028)			
Proportion of households with Supplemental Security Income	0.000	-0.003	0.000	0.025+	0.027+	0.041*	-0.058*	-0.053*	-0.059*			
	(0.006)	(0.006)	(0.008)	(0.013)	(0.014)	(0.016)	(0.023)	(0.024)	(0.028)			
Proportion of population with income below the poverty line	-0.074*	-0.069*	-0.079**	0.005	0.012	0.003	-0.029	-0.003	0.002			
	(0.008)	(0.009)	(0.010)	(0.019)	(0.021)	(0.024)	(0.036)	(0.038)	(0.043)			
Proportion of labor force unemployed	-0.027*	-0.027*	-0.020**	-0.001	-0.014	-0.030*	0.009	0.002	0.026			
	(0.005)	(0.006)	(0.007)	(0.012)	(0.014)	(0.015)	(0.020)	(0.022)	(0.028)			
Median income	-0.029*	-0.014	-0.021	0.131**	0.144**	0.126**	0.055	0.089	0.097			
	(0.014)	(0.015)	(0.017)	(0.037)	(0.039)	(0.042)	(0.080)	(0.084)	(0.093)			
Median rent	-0.030*	-0.031*	-0.038**	0.025	0.035	0.034	0.092	0.062	0.135+			
	(0.010)	(0.010)	(0.012)	(0.022)	(0.023)	(0.025)	(0.073)	(0.073)	(0.076)			
Median property value	-0.147*	-0.156*	-0.160**	-0.367**	-0.382*	-0.360**	-0.304*	-0.317*	-0.337*			
	(0.011)	(0.013)	(0.014)	(0.054)	(0.056)	(0.063)	(0.089)	(0.091)	(0.113)			
Proportion of occupied households occupied by renter	0.047**	0.039**	0.035**	0.035	0.020	-0.016	0.013	0.021	-0.015			
	(0.009)	(0.010)	(0.011)	(0.028)	(0.029)	(0.032)	(0.051)	(0.054)	(0.059)			
Proportion of population without insurance	0.008	0.009	0.006	0.006	0.013	0.030	-0.020	0.018	0.037			
	(0.007)	(0.008)	(0.009)	(0.017)	(0.018)	(0.020)	(0.029)	(0.029)	(0.035)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica- tion Starts	Appli- cation Contin- uations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Mobility												
Proportion of population living in same house as prior year	0.050**	0.048**	0.056**	0.155**	0.149**	0.158**	0.156**	0.133**	0.157**			
	(0.014)	(0.015)	(0.016)	(0.027)	(0.029)	(0.031)	(0.043)	(0.043)	(0.048)			
Proportion of population moving within county within past year	0.003	-0.003	-0.000	0.107**	0.092**	0.082**	0.126**	0.112**	0.096*			
	(0.010)	(0.010)	(0.012)	(0.021)	(0.021)	(0.023)	(0.036)	(0.038)	(0.042)			
Proportion of population moving from abroad within past year	0.002	0.002	0.002	0.013	0.003	-0.008	0.026	0.007	0.035			
	(0.005)	(0.006)	(0.007)	(0.016)	(0.018)	(0.023)	(0.023)	(0.027)	(0.026)			
Proportion of population moving from different state within past year	-0.009	-0.010	-0.003	0.011	0.010	0.017	-0.004	-0.008	-0.016			
	(0.009)	(0.009)	(0.010)	(0.018)	(0.018)	(0.020)	(0.028)	(0.030)	(0.030)			
Proportion of working population without vehicles	0.103**	0.100**	0.113**	0.067+	0.070+	0.040	0.074	0.082	0.106+			
	(0.009)	(0.010)	(0.011)	(0.034)	(0.036)	(0.041)	(0.049)	(0.052)	(0.063)			
Commuting												
Proportion of working population commuting by public transportation	-0.133*	-0.138*	-0.135**	-0.337**	-0.297*	-0.253**	-0.367*	-0.473*	-0.710*			
	(0.010)	(0.011)	(0.013)	(0.078)	(0.083)	(0.090)	(0.138)	(0.170)	(0.236)			
Proportion of working population commuting by walk or bicycle	-0.143*	-0.138*	-0.150**	-0.124**	-0.129*	-0.135**	-0.146*	-0.157*	-0.123*			
	(0.008)	(0.010)	(0.011)	(0.024)	(0.024)	(0.027)	(0.035)	(0.037)	(0.043)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Contin- uations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Proportion of working population commuting by other transportation	-0.001	-0.001	-0.004	-0.001	0.001	0.009	-0.006	-0.011	-0.030			
	(0.004)	(0.004)	(0.005)	(0.009)	(0.010)	(0.011)	(0.015)	(0.015)	(0.020)			
Proportion of working population working from home	-0.051*	-0.050*	-0.051**	-0.047**	-0.043*	-0.046**	-0.058*	-0.064*	-0.072*			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.014)	(0.015)	(0.020)	(0.021)	(0.023)			
Proportion of population working outside of home with 20–29-minute commute	0.012*	0.006	0.008	0.017	0.007	0.020+	0.015	0.014	-0.004			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.019)	(0.020)	(0.022)			
Proportion of population working outside of home with 30–44-minute commute	0.020**	0.019**	0.020**	0.022*	0.023*	0.030*	0.021	0.019	0.023			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.022)			
Proportion of population working outside of home with 45–59-minute commute	0.035**	0.041**	0.040**	0.030**	0.022*	0.023*	0.002	0.014	0.008			
	(0.005)	(0.006)	(0.007)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.024)			
Proportion of population working outside of home with 60–89-minute commute	0.028**	0.031**	0.038**	0.022+	0.022+	0.035*	-0.012	0.001	-0.004			
	(0.006)	(0.007)	(0.008)	(0.012)	(0.012)	(0.014)	(0.020)	(0.021)	(0.024)			
Proportion of population working outside of home with 90–99-minute commute	0.025**	0.029**	0.031**	0.043**	0.043**	0.051**	-0.018	-0.016	-0.039+			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nuations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
	(0.005)	(0.005)	(0.006)	(0.009)	(0.010)	(0.012)	(0.018)	(0.018)	(0.020)			
Internet												
Proportion of households with dial-up internet only	-0.007	-0.005	-0.007	0.007	0.005	0.001	-0.004	0.001	0.003			
	(0.005)	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.013)	(0.013)	(0.017)			
Proportion of households with smartphone data plan	0.015**	0.019**	0.029**	-0.013	-0.007	0.006	0.002	0.026	0.017			
	(0.006)	(0.006)	(0.007)	(0.014)	(0.014)	(0.016)	(0.027)	(0.027)	(0.031)			
Proportion of households with satellite internet	0.019**	0.022**	0.017*	0.008	0.007	0.012	0.006	0.001	0.011			
	(0.006)	(0.007)	(0.008)	(0.009)	(0.010)	(0.011)	(0.015)	(0.016)	(0.019)			
Density												
Population density (people per square mile)	0.076**	0.072**	0.057**	-0.336*	-0.250	-0.176	-0.943*	-0.727+	-0.745			
	(0.014)	(0.016)	(0.018)	(0.137)	(0.153)	(0.159)	(0.428)	(0.441)	(0.538)			
Housing density (housing units per square mile)	-0.064*	-0.058*	-0.052**	0.337*	0.255+	0.301+	0.526	0.336	0.402			
	(0.014)	(0.016)	(0.018)	(0.138)	(0.154)	(0.163)	(0.385)	(0.372)	(0.512)			
Proportion of households with grandparent living with owner	0.021**	0.020**	0.024**	0.005	0.001	-0.003	0.064**	0.065**	0.079*			
	(0.005)	(0.006)	(0.006)	(0.012)	(0.013)	(0.014)	(0.022)	(0.024)	(0.034)			
Proportion of households overcrowded	-0.005	-0.000	0.005	-0.009	0.003	0.019	-0.011	-0.009	0.003			
	(0.008)	(0.009)	(0.010)	(0.026)	(0.028)	(0.031)	(0.048)	(0.051)	(0.060)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica- tion Starts	Appli- cation Contin- uations	Acces- sions	Appli- cation Starts	Appli- cation Conti- nu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions	Appli- cation Starts	Appli- cation Continu- ations	Acces- sions
Proportion of households severely overcrowded	0.010 (0.006)	0.013+ (0.007)	0.003 (0.008)	0.014 (0.021)	0.007 (0.022)	-0.017 (0.024)	-0.024 (0.031)	-0.023 (0.033)	-0.048 (0.042)			
Installations and recruitment stations												
Number of installations within 30 miles	0.008** (0.001)	0.006** (0.001)	0.005** (0.002)	0.006 (0.004)	0.003 (0.004)	0.001 (0.004)	0.014 (0.012)	0.018 (0.012)	0.007 (0.015)			
Number of recruitment stations within 30 miles	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	0.003 (0.002)	0.001 (0.002)	0.002 (0.002)	0.012+ (0.006)	0.009 (0.006)	0.004 (0.008)			
Constant	0.476** (0.037)	0.100* (0.043)	-0.274** (0.047)	0.460** (0.082)	0.189* (0.090)	-0.135 (0.100)	-0.475* (0.182)	-0.818* (0.190)	-1.076* (0.232)			
Observations	51,821			14,073			6,497					

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses. HS = high school.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.14. Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Poverty

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Served by DoD youth program	0.044*	0.044*	0.042+	-0.012	0.006	0.004	0.052	0.073	-0.041	0.031*	0.036*	0.027
	(0.018)	(0.020)	(0.023)	(0.033)	(0.034)	(0.037)	(0.068)	(0.070)	(0.070)	(0.016)	(0.017)	(0.019)
Income below poverty line: Q2 * served by DoD youth program	-0.037	-0.040	-0.047 +	0.053	0.035	0.054	-0.029	-0.072	0.054	-0.018	-0.026	-0.019
	(0.024)	(0.026)	(0.029)	(0.045)	(0.048)	(0.052)	(0.094)	(0.096)	(0.104)	(0.02)	(0.022)	(0.024)
Income below poverty line: Q3 * served by DoD youth program	-0.013	-0.014	-0.018	0.011	0.013	0.028	0.052	0.025	0.141	-0.006	-0.006	0.001
	(0.022)	(0.024)	(0.028)	(0.045)	(0.046)	(0.051)	(0.088)	(0.090)	(0.096)	(0.02)	(0.021)	(0.024)
Income below poverty line: Q4 * served by DoD youth program	-0.027	-0.014	-0.023	0.075+	0.065	0.087	-0.011	-0.084	0.147	-0.005	-0.002	0.011
	(0.023)	(0.025)	(0.029)	(0.044)	(0.047)	(0.053)	(0.084)	(0.087)	(0.098)	(0.02)	(0.021)	(0.024)
Income below poverty line: Q2	0.033*	0.041**	0.031+	0.009	0.017	-0.012	0.162*	0.145*	0.022	0.034**	0.041**	0.023
	(0.013)	(0.015)	(0.017)	(0.032)	(0.034)	(0.036)	(0.066)	(0.068)	(0.074)	(0.012)	(0.013)	(0.015)
Income below poverty line: Q3	0.024	0.020	0.012	0.014	0.003	-0.020	0.173*	0.156*	0.088	0.029*	0.023	0.01
	(0.016)	(0.018)	(0.020)	(0.035)	(0.036)	(0.040)	(0.068)	(0.069)	(0.078)	(0.014)	(0.015)	(0.017)
Income below poverty line: Q4	-0.037 +	-0.041 +	-0.057 *	-0.041	-0.050	-0.088 +	0.149* +	0.149+	0.004	-0.026	-0.031	-0.06* *
	(0.021)	(0.023)	(0.026)	(0.040)	(0.043)	(0.047)	(0.072)	(0.078)	(0.088)	(0.018)	(0.02)	(0.022)
Demographics												
Military presence	0.126* *	0.118**	0.115**	0.113**	0.109**	0.114**	0.094**	0.092* *	0.083**			
	(0.005)	(0.005)	(0.005)	(0.009)	(0.009)	(0.010)	(0.021)	(0.019)	(0.023)			
Count of population ages 15–29	0.001* *	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001* *	0.001**			
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Median age	0.007	-0.009	0.004	0.076**	0.063*	0.099**	0.219**	0.235*	0.247**			
	(0.012)	(0.013)	(0.015)	(0.029)	(0.031)	(0.035)	(0.046)	(0.046)	(0.055)			
Proportion of population never married	-0.282**	-0.298**	-0.297**	-0.212**	-0.210**	-0.165**	-0.120*	-0.101+	-0.091			
	(0.012)	(0.013)	(0.015)	(0.030)	(0.031)	(0.036)	(0.050)	(0.052)	(0.064)			
Proportion of population divorced, separated, or widowed	-0.039**	-0.038**	-0.044**	0.027+	0.033*	0.019	0.043+	0.026	0.050+			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.015)	(0.017)	(0.024)	(0.025)	(0.029)			
Proportion of population Black	0.095*	0.040**	0.054**	0.095**	0.041*	0.064**	0.070*	0.003	-0.031			
	(0.007)	(0.007)	(0.008)	(0.018)	(0.019)	(0.021)	(0.033)	(0.035)	(0.040)			
Proportion of population other	0.061*	0.062**	0.055**	0.031	0.013	0.015	-0.065*	-0.077*	-0.059+			
	(0.007)	(0.008)	(0.009)	(0.020)	(0.025)	(0.031)	(0.031)	(0.032)	(0.035)			
Proportion of population Hispanic	0.117*	0.100**	0.100**	0.140**	0.101**	0.087+	-0.004	0.041	-0.003			
	(0.012)	(0.013)	(0.015)	(0.035)	(0.039)	(0.047)	(0.064)	(0.070)	(0.083)			
Proportion of population with less than high school education	0.022*	0.031**	0.014	-0.086**	-0.075**	-0.026	-0.054	-0.061	-0.070			
	(0.009)	(0.010)	(0.012)	(0.024)	(0.026)	(0.029)	(0.043)	(0.047)	(0.056)			
Proportion of population with a high school diploma or GED	0.118*	0.122**	0.124**	-0.005	-0.001	0.009	0.085*	0.087*	0.085*			
	(0.008)	(0.008)	(0.009)	(0.021)	(0.022)	(0.025)	(0.034)	(0.037)	(0.043)			
Proportion of population with some college	0.129*	0.132**	0.136**	0.039*	0.046**	0.073**	0.029	0.034	0.025			
	(0.006)	(0.007)	(0.008)	(0.016)	(0.017)	(0.019)	(0.031)	(0.034)	(0.038)			
Proportion of foreign-born population who are noncitizens	-0.015	-0.006	-0.001	0.018	0.012	0.024	0.137**	0.131*	0.198**			
	(0.009)	(0.011)	(0.012)	(0.032)	(0.033)	(0.037)	(0.052)	(0.056)	(0.063)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Proportion of foreign-born population who are citizens	0.026* *	0.035**	0.032**	0.092*	0.097**	0.099*	0.213**	0.272* *	0.262**			
	(0.008)	(0.009)	(0.010)	(0.036)	(0.036)	(0.042)	(0.077)	(0.085)	(0.091)			
Proportion of population who speak language other than English in the home	-0.107 **	-0.131 **	-0.120 **	-0.212 **	-0.206 **	-0.235 **	-0.234 **	-0.305 **	-0.372 **			
	(0.017)	(0.019)	(0.021)	(0.052)	(0.057)	(0.066)	(0.084)	(0.092)	(0.108)			
Proportion of foreign-born population who entered U.S. before 1990	0.001	0.000	-0.004	-0.010	-0.007	-0.003	-0.017	-0.016	-0.030 +			
	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.012)	(0.013)	(0.016)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.005	-0.010 +	-0.011	-0.004	0.001	0.008	-0.001	0.001	-0.013			
	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.012)	(0.012)	(0.014)			
Proportion of foreign-born population who entered U.S. 2000–2009	0.007	0.004	-0.008	-0.004	0.000	0.009	0.003	-0.002	-0.026			
	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.010)	(0.014)	(0.014)	(0.016)			
Proportion of veterans who served in 2001 Gulf War or later	0.015* *	0.011*	0.015**	0.020	0.022	0.018	0.007	-0.000	0.039			
	(0.005)	(0.005)	(0.006)	(0.013)	(0.015)	(0.016)	(0.025)	(0.027)	(0.029)			
Proportion of veterans who served in Vietnam War	-0.013 **	-0.014 **	-0.016 **	-0.026 *	-0.020	-0.025 +	-0.049 *	-0.047 *	-0.057 *			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.014)	(0.023)	(0.023)	(0.024)			
Proportion of veterans who served in Korean War	-0.016 **	-0.016 **	-0.016 **	-0.014	-0.020 +	-0.023	-0.005	-0.007	0.005			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.015)	(0.019)	(0.021)	(0.023)			
Proportion of veterans who served in World War II	-0.025 **	-0.018 **	-0.012 *	-0.008	-0.013	-0.027 +	0.001	0.001	-0.001			
	(0.004)	(0.005)	(0.005)	(0.012)	(0.012)	(0.015)	(0.021)	(0.023)	(0.027)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Urbanicity												
30% or more commute to a metropolitan core				0.004	0.002	0.011						
				(0.017)	(0.017)	(0.018)						
Less than 30% commute to a metropolitan core				-0.007	-0.009	-0.008						
				(0.006)	(0.007)	(0.007)						
Micropolitan core				0.005	0.000	0.018						
				(0.014)	(0.014)	(0.015)						
30% or more commute to a micropolitan core				-0.010	-0.011	0.004						
				(0.010)	(0.010)	(0.011)						
Small town core							0.033**	0.028*	0.029**			
							(0.007)	(0.007)*	(0.010)			
30% or more commute to a small town core							0.004	0.005	0.004			
							(0.005)	(0.006)	(0.006)			
Less than 30% commute to a small town core							0.004	0.003	0.006			
							(0.004)	(0.004)	(0.005)			
Economic well-being												
Proportion of households with public assistance income	0.005	0.002	-0.001	-0.018	-0.015	0.008	0.013	0.008	-0.014			
	(0.005)	(0.005)	(0.006)	(0.011)	(0.012)	(0.015)	(0.020)	(0.021)	(0.028)			
Proportion of households with Supplemental Security Income	-0.008	-0.012	-0.008	0.024+	0.027*	0.034*	-0.043	-0.034	-0.038			
	(0.006)	(0.006)	(0.008)	(0.013)	(0.014)	(0.016)	(0.023)	(0.024)	(0.029)			
Proportion of labor force unemployed	-0.039**	-0.039**	-0.032**	-0.006	-0.018	-0.035*	0.006	0.001	0.025			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
	(0.005)	(0.006)	(0.007)	(0.012)	(0.014)	(0.015)	(0.019)	(0.022)	(0.029)			
Median income	0.008	0.021	0.009	0.121**	0.127**	0.120**	0.168*	0.162+	0.144			
	(0.014)	(0.015)	(0.017)	(0.036)	(0.038)	(0.041)	(0.080)	(0.085)	(0.092)			
Median rent	-0.040	-0.042	-0.051	0.007	0.016	0.014	0.078	0.046	0.124			
	**	**	**									
	(0.009)	(0.010)	(0.012)	(0.022)	(0.023)	(0.026)	(0.072)	(0.072)	(0.078)			
Median property value	-0.146	-0.154	-0.159	-0.356	-0.367	-0.340	-0.304	-0.314	-0.341			
	**	**	**	**	**	**	**	**	**			
	(0.011)	(0.013)	(0.014)	(0.057)	(0.059)	(0.065)	(0.097)	(0.100)	(0.121)			
Proportion of occupied households occupied by renter	0.040*	0.034**	0.026*	0.010	-0.005	-0.038	-0.010	-0.003	-0.038			
	*	**	*									
	(0.009)	(0.010)	(0.011)	(0.028)	(0.029)	(0.032)	(0.051)	(0.054)	(0.059)			
Proportion of population without insurance	0.008	0.009	0.009	0.014	0.021	0.034+	-0.026	0.019	0.041			
	(0.007)	(0.008)	(0.009)	(0.017)	(0.018)	(0.020)	(0.029)	(0.030)	(0.036)			
Mobility												
Proportion of population living in same house as prior year	0.028*	0.028+	0.035*	0.108**	0.102**	0.116**	0.080+	0.058	0.081+			
	(0.014)	(0.015)	(0.017)	(0.027)	(0.028)	(0.031)	(0.043)	(0.043)	(0.048)			
Proportion of population moving within county within past year	-0.009	-0.013	-0.011	0.083**	0.069**	0.062**	0.065+	0.052	0.041			
	(0.010)	(0.011)	(0.012)	(0.020)	(0.021)	(0.023)	(0.037)	(0.038)	(0.042)			
Proportion of population moving from abroad within past year	-0.001	-0.001	-0.002	0.009	-0.000	-0.011	0.017	-0.004	0.023			
	(0.005)	(0.006)	(0.007)	(0.017)	(0.019)	(0.024)	(0.026)	(0.029)	(0.028)			
Proportion of population moving from different state within past year	-0.013	-0.013	-0.007	-0.005	-0.007	0.002	-0.023	-0.029	-0.042			
	(0.009)	(0.009)	(0.010)	(0.018)	(0.019)	(0.020)	(0.031)	(0.032)	(0.031)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Proportion of working population without vehicles	0.085* *	0.082**	0.094**	0.055+	0.060	0.022	0.059	0.072	0.110+			
	(0.009)	(0.010)	(0.011)	(0.033)	(0.037)	(0.040)	(0.049)	(0.053)	(0.063)			
Commuting												
Proportion of working population commuting by public transportation	-0.116 **	-0.122 **	-0.118 **	-0.305 **	-0.263 **	-0.222 *	-0.393 **	-0.503 **	-0.740 **			
	(0.010)	(0.011)	(0.013)	(0.077)	(0.081)	(0.088)	(0.143)	(0.178)	(0.240)			
Proportion of working population commuting by walk or bicycle	-0.132 **	-0.128 **	-0.140 **	-0.111 **	-0.116 **	-0.122 **	-0.115 **	-0.132 **	-0.106 *			
	(0.008)	(0.010)	(0.011)	(0.024)	(0.025)	(0.027)	(0.038)	(0.040)	(0.047)			
Proportion of working population commuting by other transportation	-0.003	-0.003	-0.006	-0.003	-0.001	0.006	-0.004	-0.009	-0.031			
	(0.004)	(0.004)	(0.005)	(0.009)	(0.010)	(0.011)	(0.015)	(0.016)	(0.020)			
Proportion of working population working from home	-0.051 **	-0.050 **	-0.052 **	-0.048 **	-0.044 **	-0.046 **	-0.060 **	-0.067 **	-0.075 **			
	(0.006)	(0.007)	(0.007)	(0.014)	(0.014)	(0.016)	(0.019)	(0.021)	(0.023)			
Proportion of population working outside of home with 20–29-minute commute	0.012* *	0.006	0.008	0.016	0.006	0.018	0.021	0.018	0.000			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.021)			
Proportion of population working outside of home with 30–44-minute commute	0.016* *	0.014**	0.016*	0.020*	0.020+	0.026*	0.027	0.026	0.027			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.018)	(0.022)			
Proportion of population working outside of home with 45–59-minute commute	0.033* *	0.038**	0.038**	0.026*	0.017	0.017	-0.001	0.012	0.004			
	(0.005)	(0.006)	(0.007)	(0.010)	(0.011)	(0.012)	(0.018)	(0.018)	(0.024)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Proportion of population working outside of home with 60–89-minute commute	0.022* *	0.026**	0.032**	0.017	0.017	0.029*	-0.008	0.006	0.000			
	(0.006)	(0.007)	(0.008)	(0.012)	(0.013)	(0.014)	(0.021)	(0.021)	(0.024)			
Proportion of population working outside of home with 90–99-minute commute	0.022* *	0.025**	0.028**	0.041**	0.041**	0.048**	-0.025	-0.023	-0.047 *			
	(0.005)	(0.005)	(0.006)	(0.009)	(0.010)	(0.012)	(0.017)	(0.018)	(0.020)			
Internet												
Proportion of households with dial-up internet only	-0.006	-0.004	-0.006	0.008	0.006	0.002	-0.001	0.003	0.006			
	(0.005)	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.013)	(0.013)	(0.017)			
Proportion of households with smartphone data plan	0.026* *	0.030**	0.039**	-0.009	-0.002	0.013	0.017	0.040	0.030			
	(0.006)	(0.006)	(0.007)	(0.014)	(0.014)	(0.017)	(0.027)	(0.027)	(0.030)			
Proportion of households with satellite internet	0.018* *	0.021**	0.016*	0.008	0.007	0.012	0.005	-0.000	0.008			
	(0.006)	(0.007)	(0.008)	(0.009)	(0.010)	(0.011)	(0.015)	(0.015)	(0.019)			
Density												
Population density (people per square mile)	0.062* *	0.058**	0.046**	-0.359 **	-0.277 +	-0.205	-0.756 +	-0.564	-0.634			
	(0.014)	(0.015)	(0.017)	(0.133)	(0.149)	(0.156)	(0.435)	(0.453)	(0.561)			
Housing density (housing units per square mile)	-0.043 **	-0.037 *	-0.033 +	0.358**	0.279+	0.338*	0.310	0.148	0.264			
	(0.014)	(0.015)	(0.018)	(0.135)	(0.151)	(0.161)	(0.385)	(0.384)	(0.526)			
Proportion of households with grandparent living with owner	0.020* *	0.019**	0.025**	-0.002	-0.006	-0.013	0.037	0.040	0.055			
	(0.005)	(0.006)	(0.006)	(0.012)	(0.013)	(0.015)	(0.024)	(0.024)	(0.035)			
Proportion of households overcrowded	-0.017 *	-0.012	-0.005	-0.028	-0.017	-0.003	-0.051	-0.045	-0.029			
	(0.008)	(0.009)	(0.010)	(0.026)	(0.028)	(0.031)	(0.049)	(0.052)	(0.062)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts		Meta-Analytic Average			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions	Appli- cation Starts	Appli- cation Conti- nua- tions	Acces- sions
Proportion of households severely overcrowded	0.016*	0.019**	0.008	0.020	0.013	-0.010	-0.010	-0.009	-0.039			
	(0.006)	(0.007)	(0.008)	(0.021)	(0.022)	(0.024)	(0.031)	(0.034)	(0.044)			
Installations and recruitment stations												
Number of installations within 30 miles	0.008*	0.006**	0.006**	0.008*	0.005	0.003	0.014	0.016	0.006			
	(0.001)	(0.001)	(0.002)	(0.004)	(0.004)	(0.004)	(0.011)	(0.011)	(0.015)			
Number of recruitment stations within 30 miles	0.001*	0.000	0.001	0.003	0.001	0.002	0.012*	0.009	0.003			
	(0.000)	(0.000)	(0.000)	(0.002)	(0.002)	(0.002)	(0.006)	(0.006)	(0.008)			
Constant	0.443*	0.095+	-0.300**	-0.119	-0.391**	-0.648**	-1.229**	-1.588**	-1.798**			
	(0.045)	(0.051)	(0.057)	(0.109)	(0.117)	(0.129)	(0.221)	(0.232)	(0.269)			
Observations		51,821			14,073			6,497				

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Robustness Checks

In this section, Tables C.15 through C.24 present our robustness checks to our main estimates, including the full set of covariates included in the models. These robustness checks test the sensitivity of the results in Tables 4.4, 4.6, and 4.8 (and by extension the results in Tables 4.5 and 4.7) to defining the local environment in our measure of exposure to ten miles instead of 30 miles. In all cases, results are qualitatively the same, with no change in inferences.

Table C.15. Robustness Check: Effect of DoD Youth Programs on Applications Starts, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.071**	0.025**	0.216**	0.021	0.315**	0.044	0.13**	0.025**
	-0.01	(0.008)	-0.017	(0.018)	(0.027)	(0.032)	(0.008)	(0.007)
Military presence	0.274**	0.125**	0.170**	0.106**	0.092**	0.091**		
	-0.005	(0.005)	-0.008	(0.010)	(0.017)	(0.023)		
Demographics								
Count of population ages 15–29		0.412**		0.479**		0.588**		
		(0.007)		(0.015)		(0.032)		
Median age		-0.072**		-0.078**		-0.022		
		(0.009)		(0.020)		(0.035)		
Proportion of population never married		-0.322**		-0.340**		-0.318**		
		(0.010)		(0.025)		(0.042)		
Proportion of population divorced, separated, or widowed		-0.042**		0.017		0.025		
		(0.007)		(0.015)		(0.024)		
Proportion of population Black		0.113**		0.131**		0.115**		
		(0.006)		(0.017)		(0.031)		
Proportion of population other		0.067**		0.054**		-0.056+		
		(0.007)		(0.019)		(0.033)		
Proportion of population Hispanic		0.119**		0.171**		0.016		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.012)		(0.035)		(0.063)		
Proportion of population with less than high school education		0.037**		-0.093**		-0.040		
		(0.009)		(0.025)		(0.043)		
Proportion of population with a high school diploma or GED		0.118**		-0.005		0.080*		
		(0.008)		(0.020)		(0.034)		
Proportion of population with some college		0.122**		0.039*		0.032		
		(0.007)		(0.016)		(0.031)		
Proportion of foreign-born population who are noncitizens		-0.026**		0.024		0.112*		
		(0.009)		(0.032)		(0.054)		
Proportion of foreign-born population who are citizens		0.013		0.081*		0.171*		
		(0.008)		(0.036)		(0.073)		
Proportion of population who speak language other than English in the home		-0.093**		-0.216**		-0.198*		
		(0.017)		(0.052)		(0.081)		
Proportion of foreign-born population who entered U.S. before 1990		0.002		-0.011		-0.014		
		(0.005)		(0.007)		(0.012)		
Proportion of foreign-born population who entered U.S. 1990–1999		-0.002		-0.004		-0.002		
		(0.005)		(0.008)		(0.012)		
Proportion of foreign-born population who entered U.S. 2000–2009		0.009		-0.008		-0.001		
		(0.006)		(0.008)		(0.015)		
Proportion of veterans who served in 2001 Gulf War or later		0.010*		0.005		-0.007		
		(0.005)		(0.013)		(0.025)		
Proportion of veterans who served in Vietnam War		-0.013**		-0.029**		-0.047*		
		(0.004)		(0.011)		(0.023)		
Proportion of veterans who served in Korean War		-0.016**		-0.016		0.001		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.004)		(0.011)		(0.019)		
Proportion of veterans who served in World War II		-0.024**		-0.011		-0.002		
		(0.004)		(0.012)		(0.021)		
Urbanicity								
30% or more commute to a metropolitan core				-0.002				
				(0.016)				
Less than 30% commute to a metropolitan core				-0.008				
				(0.006)				
Microropolitan core				0.004				
				(0.014)				
30% or more commute to a microropolitan core				-0.014				
				(0.010)				
Small town core						0.034**		
						(0.007)		
30% or more commute to a small town core						0.000		
						(0.005)		
Less than 30% commute to a small town core						0.001		
						(0.004)		
Economic well-being								
Proportion of households with public assistance income		0.012*		-0.010		0.007		
		(0.005)		(0.011)		(0.021)		
Proportion of households with Supplemental Security Income		-0.001		0.023		-0.047+		
		(0.006)		(0.015)		(0.024)		
Proportion of population with income below the poverty line		-0.073**		0.016		-0.013		
		(0.008)		(0.019)		(0.036)		
Proportion of labor force unemployed		-0.028**		-0.005		0.008		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.005)		(0.012)		(0.020)		
Median income		-0.015		0.120**		0.062		
		(0.014)		(0.036)		(0.083)		
Median rent		-0.044**		0.005		0.060		
		(0.009)		(0.022)		(0.075)		
Median property value		-0.132**		-0.354**		-0.285**		
		(0.011)		(0.054)		(0.086)		
Proportion of occupied households occupied by renter		0.044**		0.013		-0.001		
		(0.009)		(0.027)		(0.052)		
Proportion of population without insurance		0.007		0.008		-0.030		
		(0.007)		(0.018)		(0.028)		
Mobility								
Proportion of population living in same house as prior year		0.049**		0.148**		0.125**		
		(0.014)		(0.027)		(0.042)		
Proportion of population moving within county within past year		0.006		0.105**		0.108**		
		(0.010)		(0.020)		(0.035)		
Proportion of population moving from abroad within past year		0.001		0.007		0.017		
		(0.005)		(0.017)		(0.025)		
Proportion of population moving from different state within past year		-0.017+		-0.004		-0.031		
		(0.009)		(0.018)		(0.029)		
Proportion of working population without vehicles		0.095**		0.069*		0.069		
		(0.009)		(0.035)		(0.048)		
Commuting								
Proportion of working population commuting by public transportation		-0.120**		-0.340**		-0.405**		
		(0.010)		(0.079)		(0.148)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of working population commuting by walk or bicycle		-0.138**		-0.126**		-0.142**		
		(0.008)		(0.023)		(0.035)		
Proportion of working population commuting by other transportation		-0.000		0.004		0.007		
		(0.004)		(0.009)		(0.013)		
Proportion of working population working from home		-0.046**		-0.038**		-0.060**		
		(0.007)		(0.014)		(0.020)		
Proportion of population working outside of home with 20–29-minute commute		0.009*		0.016		0.011		
		(0.005)		(0.010)		(0.018)		
Proportion of population working outside of home with 30–44-minute commute		0.014**		0.019+		0.018		
		(0.005)		(0.010)		(0.018)		
Proportion of population working outside of home with 45–59-minute commute		0.030**		0.025*		0.002		
		(0.005)		(0.010)		(0.018)		
Proportion of population working outside of home with 60–89-minute commute		0.022**		0.027*		-0.014		
		(0.006)		(0.012)		(0.021)		
Proportion of population working outside of home with 90–99-minute commute		0.024**		0.043**		-0.025		
		(0.005)		(0.009)		(0.018)		
Internet								
Proportion of households with dial-up internet only		-0.006		0.010		-0.005		
		(0.005)		(0.007)		(0.013)		
Proportion of households with smartphone data plan		0.021**		-0.012		-0.000		
		(0.006)		(0.014)		(0.028)		
Proportion of households with satellite internet		0.015*		0.006		0.010		
		(0.006)		(0.009)		(0.015)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Density								
Population density (people per square mile)		0.070** (0.014)		-0.345** (0.130)		-1.082* (0.446)		
Housing density (housing units per square mile)		-0.054** (0.014)		0.335* (0.131)		0.584 (0.396)		
Proportion of households with grandparent living with owner		0.018** (0.005)		0.006 (0.012)		0.062** (0.023)		
Proportion of households overcrowded		-0.006 (0.008)		-0.000 (0.026)		0.003 (0.049)		
Proportion of households severely overcrowded		0.013* (0.006)		0.016 (0.020)		-0.022 (0.029)		
Installations and recruitment stations								
Number of installations within 30 miles		0.010** (0.001)		0.010** (0.004)		0.028* (0.012)		
Number of recruitment stations within 30 miles		0.000 (0.000)		0.003 (0.002)		0.012+ (0.006)		
Constant	1.318** -0.005	1.306** (0.033)	1.316** (0.008)	1.162** (0.076)	0.836** (0.015)	0.481** (0.174)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations		51,821		14,073		6,497		

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.16. Robustness Check: Effect of DoD Youth Programs on Applications Continuations, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.012 (0.011)	0.028** (0.008)	0.157** (0.017)	0.030 (0.019)	0.219** -0.028	0.023 (0.033)	0.069** (0.009)	0.028** (0.007)
Military presence	0.270** (0.005)	0.118** (0.005)	0.164** (0.008)	0.101** (0.010)	0.099** -0.017	0.085** (0.022)		
Demographics								
Count of population ages 15–29		0.401** (0.007)		0.464** (0.016)		0.587** (0.032)		
Median age		-0.081** (0.010)		-0.091** (0.020)		-0.003 (0.035)		
Proportion of population never married		-0.335** (0.011)		-0.343** (0.026)		-0.307** (0.045)		
Proportion of population divorced, separated, or widowed		-0.040** (0.007)		0.022 (0.015)		0.007 (0.025)		
Proportion of population Black		0.057** (0.007)		0.076** (0.018)		0.049 (0.034)		
Proportion of population other		0.066** (0.008)		0.039+ (0.022)		-0.070* (0.034)		
Proportion of population Hispanic		0.100** (0.013)		0.134** (0.038)		0.050 (0.071)		
Proportion of population with less than high school education		0.043** (0.010)		-0.082** (0.026)		-0.052 (0.047)		
Proportion of population with a high school diploma or GED		0.122** (0.008)		-0.001 (0.021)		0.085* (0.037)		
Proportion of population with some college		0.125**		0.047**		0.041		

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic	Average
		(0.007)		(0.017)		(0.033)		
Proportion of foreign-born population who are noncitizens		-0.018+		0.015		0.101+		
		(0.011)		(0.033)		(0.058)		
Proportion of foreign-born population who are citizens		0.022*		0.082*		0.221**		
		(0.009)		(0.037)		(0.080)		
Proportion of population who speak language other than English in the home		-0.115**		-0.210**		-0.245**		
		(0.019)		(0.056)		(0.091)		
Proportion of foreign-born population who entered U.S. before 1990		0.001		-0.007		-0.012		
		(0.006)		(0.008)		(0.013)		
Proportion of foreign-born population who entered U.S. 1990–1999		-0.007		0.002		0.000		
		(0.006)		(0.008)		(0.012)		
Proportion of foreign-born population who entered U.S. 2000–2009		0.006		-0.004		-0.007		
		(0.007)		(0.009)		(0.014)		
Proportion of veterans who served in 2001 Gulf War or later		0.007		0.008		-0.015		
		(0.005)		(0.014)		(0.027)		
Proportion of veterans who served in Vietnam War		-0.014**		-0.023+		-0.048*		
		(0.005)		(0.012)		(0.024)		
Proportion of veterans who served in Korean War		-0.016**		-0.022+		-0.001		
		(0.005)		(0.011)		(0.021)		
Proportion of veterans who served in World War II		-0.018**		-0.016		-0.002		
		(0.005)		(0.012)		(0.023)		
Urbanicity								
30% or more commute to a metropolitan core				-0.004				
				(0.017)				
Less than 30% commute to a metropolitan core				-0.010				
				(0.007)				

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts	Suburban Tracts	Rural Tracts	Meta-Analytic Average				
Micropolitan core			-0.001					
			(0.014)					
30% or more commute to a micropolitan core			-0.015					
			(0.010)					
Small town core						0.029**		
						(0.008)		
30% or more commute to a small town core						0.001		
						(0.005)		
Less than 30% commute to a small town core						-0.000		
						(0.004)		
Economic well-being								
Proportion of households with public assistance income	0.009+		-0.008			0.004		
	(0.005)		(0.012)			(0.022)		
Proportion of households with Supplemental Security Income	-0.006		0.025			-0.039		
	(0.007)		(0.015)			(0.024)		
Proportion of population with income below the poverty line	-0.069**		0.020			0.007		
	(0.009)		(0.021)			(0.038)		
Proportion of labor force unemployed	-0.030**		-0.016			0.001		
	(0.006)		(0.014)			(0.022)		
Median income	-0.001		0.134**			0.091		
	(0.015)		(0.038)			(0.087)		
Median rent	-0.046**		0.015			0.036		
	(0.010)		(0.023)			(0.076)		
Median property value	-0.140**		-0.370**			-0.306**		
	(0.013)		(0.056)			(0.089)		
Proportion of occupied households occupied by renter	0.037**		-0.000			0.009		
	(0.010)		(0.029)			(0.055)		

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Urban Tracts	Suburban Tracts	Rural Tracts	Meta-Analytic Average				
Proportion of population without insurance		0.009 (0.008)	0.013 (0.018)			0.012 (0.029)		
Mobility								
Proportion of population living in same house as prior year		0.047** (0.015)	0.145** (0.029)			0.106* (0.042)		
Proportion of population moving within county within past year		0.000 (0.011)	0.093** (0.021)			0.095* (0.037)		
Proportion of population moving from abroad within past year		0.001 (0.006)	-0.003 (0.019)			-0.001 (0.028)		
Proportion of population moving from different state within past year		-0.018* (0.009)	-0.003 (0.019)			-0.032 (0.030)		
Proportion of working population without vehicles		0.092** (0.010)	0.075* (0.038)			0.077 (0.052)		
Commuting								
Proportion of working population commuting by public transportation		-0.126** (0.011)	-0.303** (0.085)			-0.522** (0.184)		
Proportion of working population commuting by walk or bicycle		-0.134** (0.010)	-0.131** (0.023)			-0.153** (0.037)		
Proportion of working population commuting by other transportation		-0.001 (0.004)	0.006 (0.009)			0.005 (0.014)		
Proportion of working population working from home		-0.046** (0.007)	-0.034* (0.014)			-0.069** (0.021)		
Proportion of population working outside of home with 20–29-minute commute		0.004 (0.005)	0.007 (0.011)			0.010 (0.019)		
Proportion of population working outside of home with 30–44-minute commute		0.013* (0.005)	0.020+ (0.011)			0.016 (0.019)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population working outside of home with 45–59-minute commute		0.036**		0.016		0.013		
		(0.006)		(0.011)		(0.019)		
Proportion of population working outside of home with 60–89-minute commute		0.026**		0.028*		0.001		
		(0.007)		(0.013)		(0.021)		
Proportion of population working outside of home with 90–99-minute commute		0.027**		0.044**		–0.023		
		(0.005)		(0.010)		(0.018)		
Internet								
Proportion of households with dial-up internet only		–0.004		0.007		0.000		
		(0.005)		(0.008)		(0.013)		
Proportion of households with smartphone data plan		0.025**		–0.006		0.024		
		(0.006)		(0.014)		(0.028)		
Proportion of households with satellite internet		0.018**		0.005		0.003		
		(0.007)		(0.010)		(0.016)		
Density								
Population density (people per square mile)		0.064**		–0.259+		–0.860+		
		(0.015)		(0.145)		(0.456)		
Housing density (housing units per square mile)		–0.046**		0.253+		0.377		
		(0.016)		(0.146)		(0.384)		
Proportion of households with grandparent living with owner		0.017**		0.002		0.064**		
		(0.006)		(0.013)		(0.024)		
Proportion of households overcrowded		–0.003		0.013		0.004		
		(0.009)		(0.028)		(0.052)		
Proportion of households severely overcrowded		0.016*		0.007		–0.021		
		(0.007)		(0.021)		(0.032)		
Installations and recruitment stations								
Number of installations within 30 miles		0.008**		0.007+		0.028*		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.001)		(0.004)		(0.013)		
Number of recruitment stations within 30 miles		-0.001		0.001		0.009		
		(0.000)		(0.002)		(0.006)		
Constant	1.029**	0.919**	1.106**	0.868**	0.655**	0.136		
	(0.005)	(0.038)	(0.008)	(0.083)	-0.015	(0.179)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations		51,821		14,073		6,497		

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.17. Robustness Check: Effect of DoD Youth Programs on Accessions, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Served by DoD youth program	0.017	0.020*	0.172**	0.038+	0.212**	0.044	0.075**	0.024**
	-0.012	(0.009)	-0.019	(0.021)	-0.03	(0.039)	(0.01)	(0.008)
Military presence	0.264**	0.115**	0.172**	0.113**	0.095**	0.070**		
	-0.005	(0.005)	-0.008	(0.011)	-0.017	(0.026)		
Demographics								
Count of population ages 15–29		0.397**		0.461**		0.594**		
		(0.008)		(0.017)		(0.036)		
Median age		-0.076**		-0.045*		0.023		
		(0.011)		(0.022)		(0.043)		
Proportion of population never married		-0.338**		-0.284**		-0.284**		
		(0.012)		(0.029)		(0.051)		
Proportion of population divorced, separated, or widowed		-0.048**		0.007		0.034		
		(0.008)		(0.017)		(0.028)		
Proportion of population Black		0.073**		0.095**		0.012		
		(0.008)		(0.020)		(0.038)		
Proportion of population other		0.061**		0.042		-0.053		
		(0.009)		(0.026)		(0.036)		
Proportion of population Hispanic		0.102**		0.112*		-0.007		
		(0.015)		(0.046)		(0.083)		
Proportion of population with less than high school education		0.029*		-0.030		-0.055		
		(0.012)		(0.029)		(0.057)		
Proportion of population with a high school diploma or GED		0.124**		0.005		0.088*		
		(0.009)		(0.024)		(0.042)		
Proportion of population with some college		0.127**		0.070**		0.033		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.008)		(0.019)		(0.037)		
Proportion of foreign-born population who are noncitizens		-0.014		0.030		0.168**		
		(0.012)		(0.037)		(0.063)		
Proportion of foreign-born population who are citizens		0.017		0.077+		0.217*		
		(0.010)		(0.042)		(0.088)		
Proportion of population who speak language other than English in the home		-0.104**		-0.231**		-0.305**		
		(0.021)		(0.064)		(0.105)		
Proportion of foreign-born population who entered U.S. before 1990		-0.003		-0.003		-0.026		
		(0.007)		(0.009)		(0.017)		
Proportion of foreign-born population who entered U.S. 1990–1999		-0.007		0.008		-0.016		
		(0.007)		(0.009)		(0.014)		
Proportion of foreign-born population who entered U.S. 2000–2009		-0.006		0.004		-0.031+		
		(0.007)		(0.010)		(0.017)		
Proportion of veterans who served in 2001 Gulf War or later		0.010+		0.002		0.038		
		(0.006)		(0.016)		(0.030)		
Proportion of veterans who served in Vietnam War		-0.016**		-0.028*		-0.056*		
		(0.005)		(0.014)		(0.024)		
Proportion of veterans who served in Korean War		-0.015**		-0.023		0.012		
		(0.005)		(0.016)		(0.023)		
Proportion of veterans who served in World War II		-0.011*		-0.027+		-0.003		
		(0.005)		(0.015)		(0.027)		
Urbanicity								
30% or more commute to a metropolitan core				0.003				
				(0.019)				
Less than 30% commute to a metropolitan core				-0.010				
				(0.008)				

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Micropolitan core				0.016				
				(0.016)				
30% or more commute to a micropolitan core				-0.001				
				(0.011)				
Small town core						0.031**		
						(0.010)		
30% or more commute to a small town core						-0.000		
						(0.007)		
Less than 30% commute to a small town core						0.003		
						(0.005)		
Economic well-being								
Proportion of households with public assistance income		0.007		0.013		-0.021		
		(0.006)		(0.014)		(0.029)		
Proportion of households with Supplemental Security Income		-0.000		0.034*		-0.044		
		(0.008)		(0.017)		(0.030)		
Proportion of population with income below the poverty line		-0.078**		0.009		0.013		
		(0.010)		(0.024)		(0.043)		
Proportion of labor force unemployed		-0.022**		-0.032*		0.030		
		(0.007)		(0.015)		(0.028)		
Median income		-0.014		0.116**		0.070		
		(0.017)		(0.041)		(0.095)		
Median rent		-0.054**		0.014		0.115		
		(0.012)		(0.025)		(0.081)		
Median property value		-0.145**		-0.330**		-0.326**		
		(0.014)		(0.062)		(0.109)		
Proportion of occupied households occupied by renter		0.030*		-0.037		-0.044		
		(0.011)		(0.032)		(0.059)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
Proportion of population without insurance		0.009 (0.009)		0.027 (0.020)		0.029 (0.035)		
Mobility								
Proportion of population living in same house as prior year		0.056** (0.016)		0.157** (0.031)		0.132** (0.047)		
Proportion of population moving within county within past year		0.003 (0.012)		0.084** (0.023)		0.083* (0.040)		
Proportion of population moving from abroad within past year		0.001 (0.007)		-0.013 (0.024)		0.028 (0.028)		
Proportion of population moving from different state within past year		-0.011 (0.010)		0.001 (0.020)		-0.031 (0.030)		
Proportion of working population without vehicles		0.106** (0.011)		0.036 (0.041)		0.112+ (0.062)		
Commuting								
Proportion of working population commuting by public transportation		-0.124** (0.013)		-0.259** (0.091)		-0.763** (0.242)		
Proportion of working population commuting by walk or bicycle		-0.147** (0.011)		-0.134** (0.025)		-0.131** (0.044)		
Proportion of working population commuting by other transportation		-0.004 (0.005)		0.011 (0.011)		-0.016 (0.018)		
Proportion of working population working from home		-0.047** (0.007)		-0.036* (0.016)		-0.080** (0.023)		
Proportion of population working outside of home with 20–29-minute commute		0.006 (0.006)		0.020+ (0.012)		-0.014 (0.021)		
Proportion of population working outside of home with 30–44-minute commute		0.014* (0.006)		0.026* (0.012)		0.021 (0.023)		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts			Suburban Tracts		Rural Tracts		Meta-Analytic Average
Proportion of population working outside of home with 45–59-minute commute		0.036**		0.018		0.008		
		(0.007)		(0.012)		(0.025)		
Proportion of population working outside of home with 60–89-minute commute		0.033**		0.040**		-0.002		
		(0.008)		(0.014)		(0.024)		
Proportion of population working outside of home with 90–99-minute commute		0.030**		0.052**		-0.051*		
		(0.006)		(0.012)		(0.020)		
Internet								
Proportion of households with dial-up internet only		-0.006		0.004		0.003		
		(0.006)		(0.008)		(0.017)		
Proportion of households with smartphone data plan		0.034**		0.009		0.017		
		(0.007)		(0.016)		(0.031)		
Proportion of households with satellite internet		0.012		0.009		0.010		
		(0.008)		(0.011)		(0.020)		
Density								
Population density (people per square mile)		0.052**		-0.192		-0.911		
		(0.018)		(0.151)		(0.557)		
Housing density (housing units per square mile)		-0.044*		0.324*		0.442		
		(0.018)		(0.154)		(0.523)		
Proportion of households with grandparent living with owner		0.021**		-0.003		0.078*		
		(0.006)		(0.014)		(0.035)		
Proportion of households overcrowded		0.005		0.022		0.013		
		(0.010)		(0.031)		(0.062)		
Proportion of households severely overcrowded		0.006		-0.011		-0.041		
		(0.008)		(0.024)		(0.040)		
Installations and recruitment stations								
Number of installations within 30 miles		0.007**		0.004		0.024+		

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Variable	Urban Tracts		Suburban Tracts		Rural Tracts		Meta-Analytic Average	
		(0.002)		(0.004)		(0.014)		
Number of recruitment stations within 30 miles		-0.000		0.002		0.003		
		(0.000)		(0.002)		(0.007)		
Constant	0.687**	0.535**	0.742**	0.554**	0.300**	-0.274		
	-0.006	(0.042)	-0.009	(0.092)	-0.016	(0.227)		
PSWs		✓		✓		✓		✓
Covariates		✓		✓		✓		✓
Observations		51,821		14,073		6,497		

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects. Some models include PSWs, as indicated by the relevant row header. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.18. Robustness Check: Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Urban Tracts, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.012 (0.010)	-0.003 (0.011)	0.011 (0.016)	-0.002 (0.020)	0.029** (0.009)	0.037** (0.010)	0.027* (0.012)
Military presence	0.111** (0.006)	0.107** (0.006)	0.105** (0.008)	0.097** (0.009)	0.137** (0.006)	0.129** (0.006)	0.128** (0.006)
Demographics							
Count of population ages 15–29	0.391** (0.008)	0.385** (0.009)	0.346** (0.012)	0.342** (0.013)	0.397** (0.008)	0.384** (0.008)	0.381** (0.009)
Median age	-0.076** (0.011)	-0.067** (0.013)	-0.063** (0.018)	-0.059** (0.021)	-0.082** (0.011)	-0.094** (0.012)	-0.093** (0.014)
Proportion of population never married	-0.329** (0.013)	-0.330** (0.014)	-0.281** (0.020)	-0.290** (0.023)	-0.283** (0.012)	-0.295** (0.013)	-0.295** (0.015)
Proportion of population divorced, separated, or widowed	-0.058** (0.008)	-0.056** (0.010)	-0.072** (0.014)	-0.072** (0.017)	-0.020* (0.008)	-0.018* (0.009)	-0.026* (0.010)
Proportion of population Black	-0.033** (0.008)	-0.015 (0.010)	-0.202** (0.015)	-0.196** (0.017)	0.419** (0.008)	0.375** (0.009)	0.388** (0.010)
Proportion of population other	0.055** (0.010)	0.048** (0.011)	0.043** (0.015)	0.034+ (0.019)	0.212** (0.008)	0.218** (0.009)	0.210** (0.011)
Proportion of population Hispanic	0.070** (0.015)	0.074** (0.017)	-0.010 (0.026)	-0.016 (0.031)	0.356** (0.014)	0.352** (0.016)	0.349** (0.018)
Proportion of population with less than high school education	0.002 (0.012)	0.003 (0.014)	-0.091** (0.022)	-0.056* (0.025)	0.007 (0.011)	0.013 (0.012)	-0.006 (0.014)

Variable	(1) High Quality Application Cont.	(2) High Quality Accession	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Accessions	(5) Application Starts, Marg. Pop.	(6) Application Cont., Marg. Pop.	(7) Accessions, Marg. Pop.
Proportion of population with a high school diploma or GED	0.082** (0.009)	0.084** (0.011)	-0.010 (0.016)	0.003 (0.019)	0.098** (0.009)	0.095** (0.011)	0.099** (0.012)
Proportion of population with some college	0.114** (0.008)	0.123** (0.009)	0.061** (0.013)	0.085** (0.016)	0.104** (0.008)	0.105** (0.009)	0.106** (0.010)
Proportion of foreign-born population who are noncitizens	-0.011 (0.012)	-0.011 (0.015)	0.004 (0.022)	-0.019 (0.027)	-0.053** (0.011)	-0.048** (0.012)	-0.033* (0.014)
Proportion of foreign-born population who are citizens	0.038** (0.011)	0.030* (0.012)	0.083** (0.018)	0.065** (0.022)	0.003 (0.009)	0.010 (0.010)	0.003 (0.012)
Proportion of population who speak language other than English in the home	-0.147** (0.022)	-0.132** (0.025)	-0.206** (0.039)	-0.152** (0.046)	0.009 (0.019)	-0.012 (0.022)	-0.003 (0.024)
Proportion of foreign-born population who entered U.S. before 1990	0.007 (0.007)	-0.007 (0.008)	0.027* (0.011)	0.007 (0.014)	0.003 (0.007)	0.003 (0.008)	-0.003 (0.008)
Proportion of foreign-born population who entered U.S. 1990–1999	-0.007 (0.007)	-0.010 (0.008)	0.005 (0.012)	0.001 (0.014)	-0.001 (0.007)	-0.005 (0.008)	-0.010 (0.009)
Proportion of foreign-born population who entered U.S. 2000–2009	0.007 (0.008)	-0.012 (0.009)	0.045** (0.013)	0.014 (0.016)	0.004 (0.008)	0.000 (0.009)	-0.015 (0.010)
Proportion of veterans who served in 2001 Gulf War or later	0.006 (0.006)	0.011 (0.007)	0.004 (0.010)	0.009 (0.012)	0.011* (0.005)	0.008 (0.006)	0.009 (0.006)
Proportion of veterans who served in Vietnam War	-0.011+ (0.006)	-0.016* (0.006)	-0.017+ (0.010)	-0.022+ (0.012)	-0.013** (0.005)	-0.014** (0.005)	-0.016** (0.006)
Proportion of veterans who served in Korean War	-0.013* (0.006)	-0.012+ (0.007)	-0.022* (0.010)	-0.026* (0.012)	-0.014** (0.005)	-0.013* (0.005)	-0.014* (0.006)
Proportion of veterans who served in World War II	-0.016**	-0.009	-0.012	-0.007	-0.015**	-0.006	-0.001

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont. (0.006)	High Quality Accession (0.007)	Tech. Eligible App. Cont. (0.010)	Tech. Eligible Accessions (0.012)	Application Starts, Marg. Pop. (0.005)	Application Cont., Marg. Pop. (0.006)	Accessions, Marg. Pop. (0.006)
Economic well-being							
Proportion of households with public assistance income	0.007 (0.006)	0.004 (0.008)	-0.001 (0.012)	-0.002 (0.014)	0.014* (0.005)	0.011+ (0.006)	0.011 (0.007)
Proportion of households with Supplemental Security Income	-0.013 (0.008)	-0.005 (0.010)	-0.019 (0.014)	0.004 (0.017)	0.002 (0.007)	0.000 (0.007)	0.000 (0.009)
Proportion of population with income below the poverty line	-0.062** (0.011)	-0.071** (0.013)	-0.046* (0.019)	-0.051* (0.022)	-0.089** (0.010)	-0.088** (0.011)	-0.099** (0.012)
Proportion of labor force unemployed	-0.031** (0.007)	-0.021* (0.008)	-0.027* (0.013)	-0.036* (0.016)	-0.034** (0.006)	-0.034** (0.007)	-0.025** (0.008)
Median income	0.004 (0.017)	0.008 (0.020)	0.004 (0.026)	0.000 (0.031)	-0.064** (0.018)	-0.053** (0.019)	-0.074** (0.022)
Median rent	-0.050** (0.011)	-0.054** (0.013)	-0.031+ (0.017)	-0.015 (0.021)	-0.023+ (0.012)	-0.023+ (0.013)	-0.036* (0.015)
Median property value	-0.150** (0.015)	-0.162** (0.017)	-0.128** (0.022)	-0.134** (0.026)	-0.122** (0.014)	-0.129** (0.015)	-0.127** (0.017)
Proportion of occupied households occupied by renter	0.023* (0.012)	0.019 (0.014)	0.022 (0.020)	0.012 (0.024)	0.034** (0.010)	0.025* (0.012)	0.011 (0.014)
Proportion of population without insurance	0.016+ (0.009)	0.020+ (0.010)	0.026 (0.016)	0.005 (0.019)	0.016+ (0.008)	0.022* (0.009)	0.019+ (0.010)
Mobility							
Proportion of population living in same house as prior year	0.036* (0.017)	0.038* (0.019)	-0.010 (0.026)	-0.005 (0.033)	0.055** (0.017)	0.053** (0.018)	0.075** (0.020)
Proportion of population moving within county within past year	-0.007	-0.011	-0.020	-0.022	0.012	0.005	0.018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.012)	(0.014)	(0.019)	(0.023)	(0.012)	(0.013)	(0.014)
Proportion of population moving from abroad within past year	-0.000	-0.004	-0.014	-0.018	0.004	0.007	0.006
	(0.007)	(0.008)	(0.011)	(0.014)	(0.006)	(0.007)	(0.008)
Proportion of population moving from different state within past year	-0.020*	-0.015	-0.043**	-0.042*	-0.013	-0.013	0.003
	(0.010)	(0.011)	(0.015)	(0.018)	(0.010)	(0.011)	(0.012)
Proportion of working population without vehicles	0.088**	0.102**	0.108**	0.107**	0.081**	0.072**	0.085**
	(0.012)	(0.014)	(0.021)	(0.025)	(0.010)	(0.011)	(0.013)
Commuting							
Proportion of working population commuting by public transportation	-0.127**	-0.126**	-0.137**	-0.157**	-0.128**	-0.131**	-0.130**
	(0.013)	(0.016)	(0.022)	(0.028)	(0.012)	(0.013)	(0.015)
Proportion of working population commuting by walk or bicycle	-0.128**	-0.145**	-0.135**	-0.133**	-0.144**	-0.137**	-0.148**
	(0.011)	(0.013)	(0.018)	(0.021)	(0.010)	(0.012)	(0.014)
Proportion of working population commuting by other transportation	0.001	-0.008	-0.004	-0.011	0.003	0.004	-0.000
	(0.005)	(0.006)	(0.010)	(0.011)	(0.004)	(0.005)	(0.005)
Proportion of working population working from home	-0.052**	-0.049**	-0.056**	-0.050**	-0.049**	-0.048**	-0.043**
	(0.008)	(0.009)	(0.013)	(0.015)	(0.008)	(0.008)	(0.010)
Proportion of population working outside of home with 20–29-minute commute	0.003	0.002	0.000	-0.014	0.011+	0.007	0.009
	(0.006)	(0.007)	(0.010)	(0.012)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 30–44-minute commute	0.014*	0.018*	0.002	0.011	0.010+	0.013+	0.007
	(0.006)	(0.007)	(0.011)	(0.013)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 45–59-minute commute	0.040**	0.044**	0.047**	0.052**	0.025**	0.031**	0.027**
	(0.007)	(0.008)	(0.012)	(0.014)	(0.006)	(0.007)	(0.008)
Proportion of population working outside of home with 60–89-minute commute	0.037**	0.035**	0.044**	0.053**	0.012	0.019*	0.026**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.008)	(0.009)	(0.013)	(0.016)	(0.007)	(0.008)	(0.009)
Proportion of population working outside of home with 90–99-minute commute	0.025**	0.032**	0.016	0.021+	0.021**	0.024**	0.029**
	(0.006)	(0.007)	(0.010)	(0.012)	(0.005)	(0.006)	(0.007)
Internet							
Proportion of households with dial-up internet only	0.001	–0.003	–0.003	–0.010	–0.006	–0.003	–0.007
	(0.006)	(0.007)	(0.011)	(0.013)	(0.006)	(0.007)	(0.008)
Proportion of households with smartphone data plan	0.023**	0.038**	0.030*	0.048**	0.025**	0.029**	0.030**
	(0.008)	(0.009)	(0.013)	(0.015)	(0.007)	(0.008)	(0.009)
Proportion of households with satellite internet	0.015+	0.013	0.015	–0.005	0.014+	0.018*	0.012
	(0.008)	(0.010)	(0.014)	(0.017)	(0.007)	(0.008)	(0.010)
Density							
Population density (people per square mile)	0.080**	0.086**	0.114**	0.083*	0.045**	0.036*	0.015
	(0.019)	(0.022)	(0.031)	(0.038)	(0.015)	(0.017)	(0.019)
Housing density (housing units per square mile)	–0.056**	–0.072**	–0.091**	–0.066+	–0.022	–0.007	0.008
	(0.018)	(0.022)	(0.031)	(0.035)	(0.016)	(0.018)	(0.019)
Proportion of households with grandparent living with owner	0.019**	0.021**	0.020+	0.013	0.009	0.008	0.011
	(0.007)	(0.008)	(0.012)	(0.014)	(0.006)	(0.006)	(0.007)
Proportion of households overcrowded	–0.002	0.005	–0.004	0.007	–0.011	–0.010	–0.006
	(0.010)	(0.012)	(0.019)	(0.022)	(0.009)	(0.010)	(0.011)
Proportion of households severely overcrowded	0.015+	–0.001	0.024+	0.012	0.012+	0.015*	0.007
	(0.008)	(0.009)	(0.014)	(0.018)	(0.007)	(0.007)	(0.008)
Installations and recruitment stations							
Number of installations within 30 miles	0.010**	0.011**	0.015**	0.015**	0.012**	0.010**	0.010**
	(0.002)	(0.002)	(0.002)	(0.003)	(0.002)	(0.002)	(0.002)
Number of recruitment stations within 30 miles	–0.001	–0.001	–0.002*	–0.002*	0.000	–0.000	0.000

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.000)	(0.001)	(0.001)	(0.001)	(0.000)	(0.000)	(0.001)
Constant	0.483**	0.131*	-0.734**	-1.016**	0.550**	0.087+	-0.298**
	(0.047)	(0.051)	(0.080)	(0.090)	(0.041)	(0.050)	(0.052)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.19. Robustness Check: Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Suburban Tracts, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.047*	0.040+	0.023	-0.023	0.030	0.060*	0.020
	(0.022)	(0.024)	(0.037)	(0.041)	(0.028)	(0.031)	(0.036)
Military presence	0.104**	0.114**	0.100**	0.102**	0.114**	0.118**	0.139**
	(0.011)	(0.012)	(0.015)	(0.016)	(0.012)	(0.013)	(0.014)
Demographics							
Count of population ages 15–29	0.459**	0.455**	0.413**	0.392**	0.438**	0.417**	0.408**
	(0.017)	(0.019)	(0.024)	(0.026)	(0.019)	(0.021)	(0.023)
Median age	-0.122**	-0.070**	-0.188**	-0.140**	-0.083**	-0.079*	-0.018
	(0.023)	(0.026)	(0.037)	(0.042)	(0.029)	(0.031)	(0.035)
Proportion of population never married	-0.332**	-0.283**	-0.277**	-0.216**	-0.347**	-0.341**	-0.266**
	(0.029)	(0.033)	(0.047)	(0.057)	(0.038)	(0.040)	(0.045)
Proportion of population divorced, separated, or widowed	0.051**	0.042*	0.030	0.036	0.031	0.012	-0.015
	(0.017)	(0.019)	(0.027)	(0.030)	(0.021)	(0.023)	(0.026)
Proportion of population Black	-0.034	-0.030	-0.192**	-0.218**	0.629**	0.591**	0.604**
	(0.021)	(0.024)	(0.041)	(0.045)	(0.025)	(0.027)	(0.030)
Proportion of population other	0.015	0.007	-0.040	-0.022	0.274**	0.259**	0.264**
	(0.023)	(0.028)	(0.038)	(0.044)	(0.023)	(0.027)	(0.034)
Proportion of population Hispanic	0.050	0.062	-0.159*	-0.036	0.659**	0.645**	0.640**
	(0.041)	(0.049)	(0.074)	(0.092)	(0.048)	(0.052)	(0.064)
Proportion of population with less than high school education	-0.118**	-0.089**	-0.201**	-0.190**	-0.155**	-0.150**	-0.081+
	(0.029)	(0.033)	(0.050)	(0.056)	(0.035)	(0.039)	(0.044)
Proportion of population with a high school diploma or GED	-0.019	-0.013	-0.125**	-0.128**	-0.043	-0.046	-0.044

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.023)	(0.027)	(0.036)	(0.041)	(0.029)	(0.032)	(0.038)
Proportion of population with some college	0.038*	0.056**	-0.009	-0.017	0.055*	0.051+	0.076*
	(0.018)	(0.021)	(0.030)	(0.033)	(0.024)	(0.027)	(0.032)
Proportion of foreign-born population who are noncitizens	0.047	0.051	0.085	0.154*	0.019	0.003	0.041
	(0.037)	(0.042)	(0.063)	(0.074)	(0.043)	(0.044)	(0.051)
Proportion of foreign-born population who are citizens	0.077+	0.115*	0.107	0.169+	0.173**	0.167**	0.167**
	(0.042)	(0.047)	(0.077)	(0.086)	(0.046)	(0.049)	(0.057)
Proportion of population who speak language other than English in the home	-0.194**	-0.222**	-0.136	-0.328*	-0.240**	-0.244**	-0.283**
	(0.060)	(0.070)	(0.111)	(0.131)	(0.070)	(0.076)	(0.090)
Proportion of foreign-born population who entered U.S. before 1990	-0.011	-0.006	-0.021	-0.022	-0.017	-0.004	0.005
	(0.009)	(0.010)	(0.016)	(0.018)	(0.013)	(0.014)	(0.016)
Proportion of foreign-born population who entered U.S. 1990–1999	0.005	0.012	0.003	0.005	0.001	0.017	0.017
	(0.009)	(0.011)	(0.017)	(0.020)	(0.014)	(0.015)	(0.018)
Proportion of foreign-born population who entered U.S. 2000–2009	-0.010	-0.004	-0.014	0.008	-0.003	0.006	-0.001
	(0.010)	(0.011)	(0.019)	(0.021)	(0.014)	(0.017)	(0.019)
Proportion of veterans who served in 2001 Gulf War or later	-0.009	-0.002	-0.028	0.009	0.032+	0.041*	0.030
	(0.017)	(0.019)	(0.031)	(0.034)	(0.019)	(0.020)	(0.023)
Proportion of veterans who served in Vietnam War	-0.029*	-0.036*	-0.028	-0.007	-0.022	-0.009	-0.017
	(0.014)	(0.015)	(0.024)	(0.028)	(0.016)	(0.018)	(0.021)
Proportion of veterans who served in Korean War	-0.019	-0.030+	-0.076**	-0.094**	0.019	0.012	0.009
	(0.013)	(0.016)	(0.026)	(0.029)	(0.016)	(0.017)	(0.025)
Proportion of veterans who served in World War II	-0.013	-0.029+	0.025	0.000	-0.009	-0.017	-0.046+
	(0.014)	(0.016)	(0.025)	(0.029)	(0.018)	(0.019)	(0.024)

Variable	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Urbanicity							
30% or more commute to a metropolitan core	0.001 (0.020)	0.010 (0.024)	0.044 (0.044)	0.006 (0.042)	-0.028 (0.029)	-0.033 (0.031)	0.012 (0.037)
Less than 30% commute to a metropolitan core	-0.007 (0.008)	-0.005 (0.009)	0.014 (0.017)	-0.009 (0.016)	-0.016 (0.011)	-0.022+ (0.012)	-0.005 (0.014)
Micropolitan core	0.004 (0.017)	0.023 (0.020)	0.041 (0.036)	0.022 (0.035)	-0.006 (0.024)	-0.018 (0.026)	0.030 (0.031)
30% or more commute to a micropolitan core	-0.007 (0.012)	0.010 (0.014)	0.001 (0.026)	-0.014 (0.025)	-0.027 (0.018)	-0.033+ (0.019)	-0.003 (0.022)
Economic well-being							
Proportion of households with public assistance income	-0.008 (0.013)	0.019 (0.016)	0.000 (0.025)	0.037 (0.027)	-0.037* (0.016)	-0.035* (0.017)	-0.001 (0.018)
Proportion of households with Supplemental Security Income	-0.005 (0.017)	0.004 (0.019)	-0.036 (0.027)	-0.024 (0.032)	0.048** (0.018)	0.056** (0.020)	0.057* (0.024)
Proportion of population with income below the poverty line	0.015 (0.023)	0.009 (0.027)	-0.026 (0.041)	-0.046 (0.048)	0.019 (0.029)	0.027 (0.031)	0.014 (0.036)
Proportion of labor force unemployed	-0.014 (0.016)	-0.040* (0.018)	-0.023 (0.028)	-0.054+ (0.033)	-0.004 (0.017)	-0.013 (0.019)	-0.042+ (0.022)
Median income	0.137** (0.042)	0.104* (0.047)	0.068 (0.065)	0.066 (0.077)	0.125* (0.053)	0.157** (0.058)	0.129* (0.065)
Median rent	-0.009 (0.026)	-0.013 (0.028)	-0.075+ (0.041)	-0.046 (0.046)	0.029 (0.033)	0.058 (0.036)	0.073+ (0.042)
Median property value	-0.336** (0.061)	-0.312** (0.068)	-0.159+ (0.083)	-0.229* (0.101)	-0.431** (0.077)	-0.498** (0.082)	-0.412** (0.090)
Proportion of occupied households occupied by renter	-0.030	-0.089*	-0.060	-0.107+	0.007	-0.020	-0.040

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.033)	(0.037)	(0.053)	(0.059)	(0.039)	(0.042)	(0.046)
Proportion of population without insurance	-0.001	0.015	0.034	0.054	-0.019	-0.004	-0.004
	(0.020)	(0.022)	(0.034)	(0.037)	(0.024)	(0.026)	(0.030)
Mobility							
Proportion of population living in same house as prior year	0.113**	0.099**	0.053	0.054	0.111**	0.097*	0.085+
	(0.031)	(0.035)	(0.050)	(0.054)	(0.039)	(0.042)	(0.047)
Proportion of population moving within county within past year	0.066**	0.048+	0.008	0.010	0.122**	0.108**	0.074*
	(0.023)	(0.026)	(0.038)	(0.042)	(0.031)	(0.033)	(0.037)
Proportion of population moving from abroad within past year	-0.011	-0.040+	-0.032	-0.089*	0.002	-0.011	-0.013
	(0.020)	(0.024)	(0.032)	(0.037)	(0.024)	(0.029)	(0.038)
Proportion of population moving from different state within past year	-0.011	-0.013	-0.023	-0.017	0.004	-0.002	-0.012
	(0.021)	(0.023)	(0.032)	(0.030)	(0.024)	(0.025)	(0.029)
Proportion of working population without vehicles	0.053	0.007	0.033	-0.082	0.000	0.019	-0.007
	(0.042)	(0.046)	(0.069)	(0.076)	(0.044)	(0.049)	(0.054)
Commuting							
Proportion of working population commuting by public transportation	-0.240**	-0.227*	-0.049	-0.106	-0.277**	-0.246*	-0.170
	(0.090)	(0.096)	(0.120)	(0.135)	(0.103)	(0.114)	(0.115)
Proportion of working population commuting by walk or bicycle	-0.135**	-0.124**	-0.146**	-0.130**	-0.126**	-0.135**	-0.150**
	(0.027)	(0.027)	(0.043)	(0.043)	(0.034)	(0.037)	(0.042)
Proportion of working population commuting by other transportation	0.003	0.015	-0.002	0.048*	0.012	0.013	0.014
	(0.011)	(0.013)	(0.022)	(0.023)	(0.012)	(0.013)	(0.016)
Proportion of working population working from home	-0.032*	-0.035*	-0.018	-0.015	-0.057**	-0.052*	-0.071**
	(0.016)	(0.017)	(0.024)	(0.024)	(0.020)	(0.020)	(0.025)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Proportion of population working outside of home with 20–29-minute commute	0.003 (0.012)	0.011 (0.014)	-0.021 (0.021)	0.021 (0.024)	0.040* (0.016)	0.028 (0.018)	0.032 (0.021)
Proportion of population working outside of home with 30–44-minute commute	0.018 (0.012)	0.023+ (0.014)	-0.001 (0.021)	-0.029 (0.024)	0.008 (0.016)	0.005 (0.017)	0.002 (0.020)
Proportion of population working outside of home with 45–59-minute commute	0.024* (0.012)	0.020 (0.013)	0.035+ (0.021)	0.093** (0.024)	0.012 (0.017)	-0.002 (0.019)	-0.000 (0.021)
Proportion of population working outside of home with 60–89-minute commute	0.021 (0.014)	0.031* (0.015)	0.009 (0.025)	-0.004 (0.027)	-0.004 (0.018)	0.002 (0.020)	0.016 (0.023)
Proportion of population working outside of home with 90–99-minute commute	0.051** (0.011)	0.061** (0.013)	0.016 (0.020)	0.052* (0.021)	0.056** (0.015)	0.058** (0.016)	0.039* (0.019)
Internet							
Proportion of households with dial-up internet only	0.013 (0.009)	0.011 (0.010)	0.025 (0.015)	0.012 (0.017)	0.013 (0.011)	0.013 (0.012)	0.010 (0.014)
Proportion of households with smartphone data plan	-0.001 (0.016)	0.017 (0.018)	0.006 (0.028)	0.040 (0.032)	-0.012 (0.021)	-0.007 (0.023)	-0.013 (0.026)
Proportion of households with satellite internet	0.006 (0.010)	0.000 (0.012)	0.010 (0.018)	0.022 (0.019)	0.007 (0.014)	0.002 (0.016)	0.013 (0.018)
Density							
Population density (people per square mile)	-0.182 (0.163)	-0.031 (0.180)	-0.359 (0.252)	0.133 (0.288)	-0.391* (0.190)	-0.422* (0.205)	-0.627** (0.217)
Housing density (housing units per square mile)	0.145 (0.166)	0.106 (0.185)	0.378 (0.245)	0.117 (0.296)	0.498* (0.207)	0.622** (0.219)	0.944** (0.225)
Proportion of households with grandparent living with owner	-0.003 (0.015)	-0.007 (0.017)	0.029 (0.028)	0.009 (0.032)	-0.001 (0.017)	0.003 (0.020)	-0.006 (0.022)

Variable	(1) High Quality Application Cont.	(2) High Quality Accession	(3) Tech. Eligible App. Cont.	(4) Tech. Eligible Accessions	(5) Application Starts, Marg. Pop.	(6) Application Cont., Marg. Pop.	(7) Accessions, Marg. Pop.
Proportion of households overcrowded	0.001 (0.032)	0.025 (0.037)	-0.081 (0.056)	-0.042 (0.068)	-0.023 (0.034)	-0.004 (0.038)	-0.018 (0.044)
Proportion of households severely overcrowded	-0.006 (0.023)	-0.008 (0.028)	0.066 (0.050)	0.047 (0.052)	0.054* (0.026)	0.044 (0.028)	0.035 (0.034)
Installations and recruitment stations							
Number of installations within 30 miles	0.015** (0.004)	0.010* (0.005)	0.023** (0.007)	0.017* (0.008)	0.003 (0.005)	-0.003 (0.005)	-0.006 (0.006)
Number of recruitment stations within 30 miles	0.003 (0.002)	0.003 (0.003)	0.000 (0.004)	-0.003 (0.005)	0.010** (0.003)	0.007* (0.003)	0.013** (0.004)
Constant	0.353** (0.092)	0.051 (0.106)	-0.990** (0.173)	-1.035** (0.181)	0.288* (0.119)	-0.050 (0.139)	-0.364* (0.157)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.20. Robustness Check: Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Rural Tracts, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.020 (0.040)	0.035 (0.045)	-0.000 (0.073)	0.040 (0.086)	0.037 (0.055)	0.008 (0.061)	0.116 (0.075)
Military presence	0.080** (0.022)	0.061* (0.026)	0.033 (0.040)	0.022 (0.043)	0.127** (0.029)	0.142** (0.027)	0.159** (0.031)
Demographics							
Count of population ages 15–29	0.561** (0.035)	0.562** (0.041)	0.513** (0.056)	0.549** (0.065)	0.554** (0.050)	0.534** (0.048)	0.592** (0.056)
Median age	-0.012 (0.040)	-0.049 (0.048)	-0.021 (0.077)	-0.085 (0.078)	-0.024 (0.064)	-0.010 (0.065)	0.091 (0.079)
Proportion of population never married	-0.282** (0.051)	-0.344** (0.065)	-0.391** (0.096)	-0.458** (0.120)	-0.370** (0.067)	-0.321** (0.075)	-0.323** (0.079)
Proportion of population divorced, separated, or widowed	0.022 (0.028)	0.047 (0.032)	-0.002 (0.068)	0.034 (0.059)	0.046 (0.039)	0.012 (0.041)	0.022 (0.049)
Proportion of population Black	-0.047 (0.040)	-0.028 (0.052)	-0.122 (0.075)	-0.048 (0.104)	0.669** (0.049)	0.559** (0.055)	0.547** (0.059)
Proportion of population other	-0.095* (0.038)	-0.076+ (0.043)	-0.239** (0.086)	-0.122 (0.075)	0.180** (0.039)	0.139** (0.040)	0.199** (0.045)
Proportion of population Hispanic	-0.048 (0.078)	-0.196* (0.094)	-0.197 (0.155)	-0.315+ (0.186)	0.523** (0.093)	0.557** (0.094)	0.580** (0.123)
Proportion of population with less than high school education	-0.066 (0.057)	-0.035 (0.067)	-0.240* (0.118)	-0.094 (0.116)	-0.060 (0.073)	-0.056 (0.079)	-0.060 (0.094)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Proportion of population with a high school diploma or GED	0.093*	0.071	0.045	0.068	0.069	0.077	0.133+
	(0.041)	(0.049)	(0.073)	(0.084)	(0.057)	(0.062)	(0.069)
Proportion of population with some college	0.034	0.004	0.044	-0.028	0.050	0.077	0.071
	(0.037)	(0.043)	(0.065)	(0.067)	(0.048)	(0.050)	(0.057)
Proportion of foreign-born population who are noncitizens	0.064	0.134	0.042	0.174	0.081	0.074	0.142
	(0.064)	(0.087)	(0.127)	(0.194)	(0.078)	(0.077)	(0.092)
Proportion of foreign-born population who are citizens	0.153+	0.198*	0.192	0.143	0.215*	0.281**	0.281**
	(0.082)	(0.098)	(0.185)	(0.163)	(0.086)	(0.091)	(0.103)
Proportion of population who speak language other than English in the home	-0.149	-0.152	-0.003	-0.191	-0.157	-0.205+	-0.304*
	(0.104)	(0.120)	(0.219)	(0.233)	(0.125)	(0.121)	(0.150)
Proportion of foreign-born population who entered U.S. before 1990	0.002	-0.018	-0.012	-0.029	-0.034	-0.040	-0.033
	(0.015)	(0.019)	(0.026)	(0.035)	(0.024)	(0.027)	(0.034)
Proportion of foreign-born population who entered U.S. 1990–1999	0.015	-0.008	-0.014	0.010	-0.023	-0.007	-0.022
	(0.015)	(0.017)	(0.026)	(0.033)	(0.023)	(0.025)	(0.030)
Proportion of foreign-born population who entered U.S. 2000–2009	-0.000	-0.029	-0.011	-0.027	0.018	0.016	0.007
	(0.016)	(0.020)	(0.030)	(0.033)	(0.027)	(0.027)	(0.033)
Proportion of veterans who served in 2001 Gulf War or later	-0.016	0.042	0.020	-0.036	-0.050	-0.066	-0.043
	(0.031)	(0.035)	(0.062)	(0.072)	(0.041)	(0.047)	(0.053)
Proportion of veterans who served in Vietnam War	-0.053*	-0.065*	-0.018	-0.054	-0.105**	-0.127**	-0.108*
	(0.027)	(0.030)	(0.050)	(0.055)	(0.039)	(0.040)	(0.044)
Proportion of veterans who served in Korean War	-0.040	-0.009	-0.069	-0.071	-0.006	0.016	0.041
	(0.025)	(0.029)	(0.050)	(0.055)	(0.033)	(0.036)	(0.041)
Proportion of veterans who served in World War II	0.029	0.020	-0.013	-0.049	0.004	-0.017	-0.009

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont. (0.027)	High Quality Accession (0.031)	Tech. Eligible App. Cont. (0.047)	Tech. Eligible Accessions (0.056)	Application Starts, Marg. Pop. (0.035)	Application Cont., Marg. Pop. (0.039)	Accessions, Marg. Pop. (0.049)
Urbanicity							
Small town core	0.027** (0.010)	0.039** (0.012)	0.032+ (0.018)	0.042+ (0.023)	0.045** (0.012)	0.039** (0.014)	0.032+ (0.017)
30% or more commute to a small town core	-0.007 (0.007)	-0.007 (0.008)	-0.009 (0.013)	-0.018 (0.014)	0.012 (0.009)	0.009 (0.010)	0.005 (0.012)
Less than 30% commute to a small town core	-0.001 (0.005)	0.002 (0.006)	0.007 (0.009)	0.003 (0.011)	-0.003 (0.008)	-0.009 (0.009)	-0.005 (0.011)
Economic well-being							
Proportion of households with public assistance income	0.028 (0.026)	-0.013 (0.036)	0.069 (0.064)	0.044 (0.075)	-0.056+ (0.032)	-0.071* (0.034)	-0.088+ (0.046)
Proportion of households with Supplemental Security Income	-0.046 (0.029)	-0.066+ (0.036)	0.069 (0.059)	0.045 (0.047)	-0.076+ (0.041)	-0.067 (0.042)	-0.095+ (0.055)
Proportion of population with income below the poverty line	-0.040 (0.049)	0.013 (0.056)	-0.077 (0.098)	-0.037 (0.126)	-0.025 (0.059)	0.049 (0.063)	0.094 (0.073)
Proportion of labor force unemployed	-0.006 (0.028)	-0.000 (0.036)	0.034 (0.052)	0.032 (0.066)	0.043 (0.031)	0.053 (0.035)	0.099* (0.043)
Median income	0.130 (0.100)	-0.027 (0.111)	0.136 (0.166)	-0.003 (0.188)	0.140 (0.136)	0.230 (0.143)	0.447** (0.167)
Median rent	0.033 (0.085)	0.124 (0.091)	-0.195 (0.154)	0.111 (0.167)	0.021 (0.130)	-0.029 (0.129)	0.085 (0.138)
Median property value	-0.255** (0.097)	-0.209+ (0.119)	0.094 (0.136)	-0.154 (0.209)	-0.330** (0.127)	-0.308* (0.141)	-0.363* (0.178)
Proportion of occupied households occupied by renter	0.035 (0.063)	-0.117+ (0.068)	0.069 (0.120)	-0.080 (0.132)	-0.015 (0.080)	0.004 (0.086)	0.077 (0.101)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Proportion of population without insurance	-0.006 (0.035)	0.014 (0.045)	0.056 (0.069)	0.097 (0.086)	-0.087+ (0.049)	0.000 (0.053)	0.023 (0.057)
Mobility							
Proportion of population living in same house as prior year	0.134** (0.051)	0.107+ (0.057)	-0.027 (0.089)	0.027 (0.092)	0.255** (0.072)	0.260** (0.075)	0.408** (0.093)
Proportion of population moving within county within past year	0.116** (0.043)	0.076 (0.047)	0.038 (0.071)	0.016 (0.083)	0.248** (0.058)	0.219** (0.062)	0.257** (0.073)
Proportion of population moving from abroad within past year	-0.008 (0.033)	0.022 (0.037)	0.016 (0.062)	0.070 (0.066)	0.059+ (0.032)	0.061+ (0.032)	0.058 (0.037)
Proportion of population moving from different state within past year	-0.035 (0.032)	-0.035 (0.035)	0.018 (0.060)	-0.051 (0.062)	-0.034 (0.043)	-0.038 (0.045)	0.033 (0.054)
Proportion of working population without vehicles	0.017 (0.060)	-0.000 (0.076)	0.078 (0.120)	-0.102 (0.141)	0.141+ (0.083)	0.127 (0.091)	0.177+ (0.106)
Commuting							
Proportion of working population commuting by public transportation	-0.719** (0.241)	-0.780** (0.258)	-0.224 (0.334)	-0.727+ (0.434)	-0.366* (0.174)	-0.536* (0.259)	-0.602+ (0.360)
Proportion of working population commuting by walk or bicycle	-0.151** (0.043)	-0.086+ (0.050)	-0.221** (0.077)	-0.091 (0.091)	-0.087+ (0.049)	-0.095+ (0.050)	-0.074 (0.058)
Proportion of working population commuting by other transportation	0.022 (0.016)	-0.004 (0.023)	0.062+ (0.034)	-0.003 (0.046)	-0.024 (0.026)	-0.023 (0.028)	-0.037 (0.031)
Proportion of working population working from home	-0.071** (0.024)	-0.088** (0.027)	-0.096* (0.040)	-0.075 (0.050)	-0.020 (0.031)	-0.034 (0.035)	-0.076+ (0.043)
Proportion of population working outside of home with 20–29-minute commute	0.025	0.033	0.037	0.044	-0.027	-0.042	-0.039

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.022)	(0.025)	(0.045)	(0.058)	(0.031)	(0.033)	(0.037)
Proportion of population working outside of home with 30–44-minute commute	0.006	0.000	0.034	-0.047	0.013	0.019	-0.004
	(0.022)	(0.026)	(0.044)	(0.051)	(0.032)	(0.033)	(0.041)
Proportion of population working outside of home with 45–59-minute commute	0.014	0.014	0.020	0.058	-0.028	-0.020	0.012
	(0.024)	(0.031)	(0.043)	(0.054)	(0.034)	(0.038)	(0.047)
Proportion of population working outside of home with 60–89-minute commute	0.007	-0.008	-0.024	-0.043	-0.065+	-0.052	-0.046
	(0.025)	(0.030)	(0.048)	(0.055)	(0.035)	(0.039)	(0.046)
Proportion of population working outside of home with 90–99-minute commute	-0.009	-0.043+	-0.043	-0.031	-0.043	-0.048	-0.112**
	(0.023)	(0.024)	(0.046)	(0.054)	(0.032)	(0.032)	(0.037)
Internet							
Proportion of households with dial-up internet only	0.013	0.026	0.017	0.033	-0.028	0.003	-0.013
	(0.016)	(0.019)	(0.030)	(0.030)	(0.024)	(0.024)	(0.029)
Proportion of households with smartphone data plan	0.061*	0.044	-0.006	-0.008	-0.027	0.012	0.003
	(0.031)	(0.037)	(0.059)	(0.074)	(0.048)	(0.048)	(0.053)
Proportion of households with satellite internet	-0.008	0.002	-0.022	-0.005	0.039	0.047+	0.063+
	(0.020)	(0.024)	(0.039)	(0.045)	(0.028)	(0.028)	(0.034)
Density							
Population density (people per square mile)	-0.496	-0.752	8.246**	-0.227	-1.849**	-1.531*	-1.261
	(0.452)	(0.585)	(2.646)	(0.795)	(0.705)	(0.674)	(0.915)
Housing density (housing units per square mile)	0.079	0.369	-8.140**	-0.168	1.386+	1.222+	0.727
	(0.397)	(0.564)	(2.706)	(0.680)	(0.708)	(0.651)	(0.946)
Proportion of households with grandparent living with owner	0.086*	0.060	-0.062	-0.063	0.030	0.027	0.062
	(0.034)	(0.044)	(0.053)	(0.068)	(0.035)	(0.037)	(0.046)
Proportion of households overcrowded	-0.033	-0.007	0.152	0.192	0.073	0.040	-0.016

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
	(0.060)	(0.076)	(0.109)	(0.122)	(0.079)	(0.083)	(0.100)
Proportion of households severely overcrowded	-0.017	-0.063	-0.174+	-0.232+	-0.077+	-0.069	-0.034
	(0.040)	(0.059)	(0.097)	(0.133)	(0.044)	(0.048)	(0.054)
Installations and recruitment stations							
Number of installations within 30 miles	0.032*	0.024	0.078**	0.040	0.072**	0.065**	0.067**
	(0.015)	(0.020)	(0.025)	(0.036)	(0.018)	(0.019)	(0.023)
Number of recruitment stations within 30 miles	0.005	0.012	0.005	0.008	0.008	0.002	-0.014
	(0.007)	(0.008)	(0.012)	(0.013)	(0.010)	(0.011)	(0.014)
Constant	-0.408*	-0.782**	-0.973*	-2.129**	-0.545*	-0.993**	-1.347**
	(0.200)	(0.230)	(0.441)	(0.380)	(0.265)	(0.271)	(0.340)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.21. Robustness Check: Effect of DoD Youth Programs on Secondary Application and Accession Outcomes, Meta-Analytic Average, Local Environment of Ten Miles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Variable	High Quality Application Cont.	High Quality Accession	Tech. Eligible App. Cont.	Tech. Eligible Accessions	Application Starts, Marg. Pop.	Application Cont., Marg. Pop.	Accessions, Marg. Pop.
Served by DoD youth program	0.018*	0.006	0.013	-0.004	0.029**	0.039**	0.029**
	(0.009)	(0.01)	(0.015)	(0.017)	(0.009)	(0.01)	(0.011)

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. A tract is defined as having been served by a DoD youth program if the nearest program is within 9 miles from the center of the tract. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.22. Robustness Check: Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Military Presence, Local Environment of Ten Miles

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
Served by DoD youth program	0.008	0.010	0.002	0.010	0.027	-0.036	0.103+	0.090	0.118	0.013	0.017	0.001
	(0.015)	(0.017)	(0.019)	(0.033)	(0.036)	(0.041)	(0.060)	(0.067)	(0.079)	-0.013	(0.015)	-0.017
Military presence: Q2 * served by DoD youth program	0.031	0.037	0.026	0.005	-0.042	0.085	-0.085	-0.040	-0.093	0.019	0.016	0.031
	(0.022)	(0.024)	(0.028)	(0.045)	(0.048)	(0.055)	(0.077)	(0.083)	(0.099)	-0.019	(0.021)	-0.024
Military presence: Q3 * served by DoD youth program	0.019	0.018	0.031	0.007	0.009	0.108*	-0.084	-0.114	-0.129	0.012	0.009	0.037
	(0.022)	(0.024)	(0.027)	(0.044)	(0.047)	(0.054)	(0.086)	(0.089)	(0.101)	-0.019	(0.021)	-0.024
Military presence: Q4 * served by DoD youth program	0.027	0.024	0.021	0.040	0.046	0.122*	-0.013	-0.059	-0.036	0.027	0.024	0.035
	(0.020)	(0.022)	(0.025)	(0.046)	(0.048)	(0.055)	(0.085)	(0.091)	(0.107)	-0.018	(0.02)	-0.022
Military presence: Q2	0.055**	0.049**	0.052*	0.143**	0.160**	0.064	0.250**	0.197**	0.204*	0.081**	0.08**	0.062**
	(0.016)	(0.018)	(0.020)	(0.033)	(0.035)	(0.040)	(0.064)	(0.068)	(0.080)	-0.014	(0.016)	-0.018
Military presence: Q3	0.173**	0.166**	0.141**	0.220**	0.228**	0.166**	0.302**	0.321**	0.278**	0.189**	0.188**	0.155**
	(0.018)	(0.020)	(0.022)	(0.032)	(0.034)	(0.038)	(0.073)	(0.075)	(0.081)	-0.015	(0.017)	-0.019
Military presence: Q4	0.400**	0.374**	0.367**	0.388**	0.391**	0.356**	0.403**	0.431**	0.332**	0.398**	0.381**	0.363**
	(0.019)	(0.021)	(0.024)	(0.038)	(0.041)	(0.046)	(0.072)	(0.076)	(0.087)	-0.017	(0.018)	-0.021
Demographics												
Count of population ages 15–29	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**		

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)		
Median age	-0.099* *	-0.108**	-0.104* *	-0.116* *	-0.130**	-0.089* *	-0.061 +	-0.046	-0.009			
	(0.009)	(0.010)	(0.011)	(0.019)	(0.020)	(0.022)	(0.036)	(0.037)	(0.045)			
Proportion of population never married	-0.337* *	-0.352**	-0.356* *	-0.378* *	-0.380**	-0.330* *	-0.327* *	-0.312**	-0.289* *			
	(0.010)	(0.011)	(0.012)	(0.025)	(0.026)	(0.029)	(0.042)	(0.045)	(0.051)			
Proportion of population divorced, separated, or widowed	-0.042* *	-0.041**	-0.048* *	0.012	0.016	0.003	0.017	0.000	0.028			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.015)	(0.016)	(0.024)	(0.025)	(0.028)			
Proportion of population Black	0.133**	0.077**	0.093**	0.159**	0.105**	0.127**	0.128**	0.062+	0.022			
	(0.006)	(0.007)	(0.008)	(0.017)	(0.018)	(0.021)	(0.031)	(0.034)	(0.038)			
Proportion of population other	0.074**	0.074**	0.069**	0.068**	0.053*	0.059*	-0.039	-0.057	-0.040			
	(0.007)	(0.008)	(0.009)	(0.019)	(0.022)	(0.026)	(0.034)	(0.035)	(0.037)			
Proportion of population Hispanic	0.126**	0.108**	0.110**	0.172**	0.136**	0.120*	0.052	0.080	0.019			
	(0.012)	(0.013)	(0.015)	(0.036)	(0.039)	(0.047)	(0.063)	(0.071)	(0.084)			
Proportion of population with less than high school education	0.042**	0.049**	0.035**	-0.076* *	-0.065*	-0.014	-0.019	-0.030	-0.038			
	(0.009)	(0.010)	(0.012)	(0.024)	(0.025)	(0.028)	(0.043)	(0.047)	(0.057)			
Proportion of population with	0.112**	0.116**	0.119**	-0.004	-0.000	0.007	0.071*	0.076*	0.078+			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
a high school diploma or GED	(0.008)	(0.008)	(0.009)	(0.019)	(0.020)	(0.023)	(0.034)	(0.037)	(0.043)			
Proportion of population with some college	0.135**	0.138**	0.142**	0.040**	0.046**	0.073**	0.019	0.026	0.023			
	(0.006)	(0.007)	(0.008)	(0.016)	(0.016)	(0.018)	(0.031)	(0.033)	(0.037)			
Proportion of foreign-born population who are noncitizens	-0.023*	-0.014	-0.011	0.006	-0.004	0.006	0.099+	0.087	0.158*			
	(0.010)	(0.011)	(0.012)	(0.032)	(0.033)	(0.037)	(0.054)	(0.057)	(0.063)			
Proportion of foreign-born population who are citizens	0.022**	0.031**	0.026*	0.108**	0.110**	0.106*	0.200**	0.248**	0.246**			
	(0.008)	(0.009)	(0.010)	(0.036)	(0.036)	(0.042)	(0.077)	(0.082)	(0.091)			
Proportion of population who speak language other than English in the home	-0.092*	-0.115**	-0.105*	-0.203*	-0.195**	-0.223*	-0.240*	-0.276**	-0.334*			
	*		*	*		*	*		*			
	(0.017)	(0.019)	(0.021)	(0.053)	(0.057)	(0.066)	(0.082)	(0.092)	(0.108)			
Proportion of foreign-born population who entered U.S. before 1990	-0.004	-0.005	-0.009	-0.013	-0.008	-0.005	-0.016	-0.014	-0.027			
	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.012)	(0.013)	(0.017)			
Proportion of foreign-born population who	-0.009	-0.015**	-0.015*	-0.005	0.001	0.006	-0.002	0.001	-0.015			
	+											

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
entered U.S. 1990–1999	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.012)	(0.012)	(0.015)			
Proportion of foreign-born population who entered U.S. 2000–2009	0.001	-0.002	-0.015+	-0.011	-0.006	0.002	-0.004	-0.009	-0.034*			
	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.010)	(0.015)	(0.014)	(0.017)			
Proportion of veterans who served in 2001 Gulf War or later	0.022**	0.019**	0.023**	0.028*	0.029*	0.028+	-0.006	-0.015	0.039			
	(0.004)	(0.005)	(0.006)	(0.013)	(0.014)	(0.016)	(0.025)	(0.026)	(0.029)			
Proportion of veterans who served in Vietnam War	-0.011*	-0.012*	-0.013*	-0.026*	-0.020	-0.025+	-0.050*	-0.052*	-0.058*			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.014)	(0.023)	(0.024)	(0.024)			
Proportion of veterans who served in Korean War	-0.015*	-0.014**	-0.014*	-0.013	-0.019+	-0.020	0.001	-0.002	0.012			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.011)	(0.016)	(0.019)	(0.020)	(0.023)			
Proportion of veterans who served in World War II	-0.023*	-0.016**	-0.009+	-0.006	-0.010	-0.022	0.005	0.005	0.003			
	(0.004)	(0.005)	(0.005)	(0.012)	(0.012)	(0.015)	(0.021)	(0.023)	(0.027)			
Urbanicity												
30% or more commute to a				-0.003	-0.006	0.000						

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
metropolitan core				(0.016)	(0.017)	(0.019)						
Less than 30% commute to a metropolitan core				-0.008	-0.011	-0.010						
Micropolitan core				(0.006)	(0.007)	(0.008)						
30% or more commute to a micropolitan core				0.001	-0.005	0.013						
				(0.014)	(0.014)	(0.016)						
				-0.011	-0.013	0.001						
				(0.010)	(0.010)	(0.012)						
Small town core							0.030**	0.025**	0.027**			
							(0.007)	(0.007)	(0.010)			
30% or more commute to a small town core							0.002	0.002	0.001			
							(0.005)	(0.005)	(0.006)			
Less than 30% commute to a small town core							0.002	0.001	0.004			
							(0.004)	(0.004)	(0.005)			
Economic well-being												
Proportion of households with public assistance income	0.009*	0.006	0.004	-0.017	-0.015	0.006	0.012	0.009	-0.014			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
	(0.005)	(0.005)	(0.006)	(0.011)	(0.012)	(0.014)	(0.021)	(0.022)	(0.028)			
Proportion of households with Supplemental Security Income	0.001	-0.004	0.002	0.022+	0.024+	0.035*	-0.039+	-0.030	-0.038			
	(0.006)	(0.006)	(0.008)	(0.013)	(0.014)	(0.016)	(0.023)	(0.024)	(0.029)			
Proportion of population with income below the poverty line	-0.072*	-0.068**	-0.077*	0.020	0.025	0.014	-0.015	0.006	0.014			
	(0.008)	(0.009)	(0.011)	(0.019)	(0.021)	(0.024)	(0.035)	(0.038)	(0.043)			
Proportion of labor force unemployed	-0.026*	-0.027**	-0.019*	0.001	-0.010	-0.025	0.007	-0.001	0.030			
	(0.006)	(0.006)	(0.007)	(0.012)	(0.014)	(0.015)	(0.020)	(0.022)	(0.028)			
Median income	-0.016	-0.000	-0.012	0.127**	0.141**	0.122**	0.100	0.127	0.100			
	(0.014)	(0.015)	(0.017)	(0.036)	(0.037)	(0.041)	(0.083)	(0.088)	(0.098)			
Median rent	-0.049*	-0.052**	-0.061*	0.012	0.021	0.022	0.055	0.034	0.113			
	(0.009)	(0.010)	(0.012)	(0.022)	(0.024)	(0.026)	(0.073)	(0.073)	(0.078)			
Median property value	-0.122*	-0.130**	-0.135*	-0.324*	-0.336**	-0.295*	-0.333*	-0.354**	-0.367*			
	(0.012)	(0.013)	(0.015)	(0.052)	(0.054)	(0.057)	(0.092)	(0.094)	(0.118)			
Proportion of occupied households occupied by renter	0.037**	0.030**	0.022+	0.031	0.018	-0.019	0.024	0.031	-0.026			
	(0.009)	(0.010)	(0.011)	(0.027)	(0.029)	(0.031)	(0.050)	(0.053)	(0.058)			
Proportion of population without insurance	0.007	0.008	0.007	0.010	0.015	0.029	-0.033	0.008	0.024			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts (0.007)	Applicati on Continua tions (0.008)	Access ions (0.009)	Applica tion Starts (0.018)	Applicati on Continua tions (0.018)	Access ions (0.020)	Applica tion Starts (0.028)	Applicati on Continua tions (0.029)	Access ions (0.035)	Applica tion Starts	Applicati on Continua tions	Access ions
Mobility												
Proportion of population living in same house as prior year	0.058** (0.014)	0.054** (0.015)	0.063** (0.016)	0.148** (0.027)	0.144** (0.029)	0.154** (0.031)	0.134** (0.041)	0.114** (0.042)	0.137** (0.047)			
Proportion of population moving within county within past year	0.012 (0.010)	0.005 (0.010)	0.008 (0.012)	0.102** (0.020)	0.089** (0.021)	0.078** (0.023)	0.125** (0.035)	0.112** (0.036)	0.097* (0.040)			
Proportion of population moving from abroad within past year	0.007 (0.005)	0.007 (0.006)	0.008 (0.007)	0.024 (0.015)	0.015 (0.017)	0.009 (0.021)	0.022 (0.025)	0.003 (0.028)	0.030 (0.027)			
Proportion of population moving from different state within past year	0.009 (0.008)	0.008 (0.009)	0.015 (0.009)	0.028 (0.017)	0.027 (0.018)	0.035+ (0.019)	-0.011 (0.028)	-0.014 (0.030)	-0.017 (0.031)			
Proportion of working population without vehicles	0.096** (0.009)	0.092** (0.010)	0.107** (0.011)	0.065+ (0.034)	0.072+ (0.037)	0.032 (0.041)	0.080+ (0.048)	0.089+ (0.052)	0.128* (0.062)			
Commuting												
Proportion of working	-0.127* *	-0.132**	-0.131* *	-0.341* *	-0.300**	-0.252* *	-0.347* *	-0.449**	-0.706* *			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
population commuting by public transportation	(0.010)	(0.011)	(0.013)	(0.079)	(0.084)	(0.090)	(0.141)	(0.174)	(0.239)			
Proportion of working population commuting by walk or bicycle	-0.138*	-0.134**	-0.147*	-0.137*	-0.144**	-0.146*	-0.152*	-0.169**	-0.144*			
Proportion of working population commuting by other transportation	(0.008)	(0.010)	(0.011)	(0.023)	(0.024)	(0.026)	(0.036)	(0.038)	(0.045)			
Proportion of working population working from home	0.002	0.002	-0.001	0.005	0.006	0.014	0.004	0.000	-0.020			
Proportion of working population working outside of home with 20–29-minute commute	(0.004)	(0.004)	(0.005)	(0.008)	(0.009)	(0.011)	(0.013)	(0.014)	(0.018)			
Proportion of population working outside of home with 20–29-minute commute	-0.053*	-0.053**	-0.053*	-0.052*	-0.047**	-0.051*	-0.055*	-0.064**	-0.076*			
Proportion of population working outside of home with	(0.007)	(0.007)	(0.008)	(0.014)	(0.014)	(0.015)	(0.020)	(0.022)	(0.024)			
	0.014**	0.009+	0.011+	0.016	0.007	0.023+	0.013	0.011	-0.012			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.021)			
	0.017**	0.015**	0.016*	0.020+	0.020+	0.029*	0.011	0.009	0.016			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
30–44-minute commute	(0.005)	(0.006)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.023)			
Proportion of population working outside of home with 45–59-minute commute	0.023**	0.029**	0.029**	0.024*	0.015	0.017	-0.004	0.006	0.003			
	(0.005)	(0.006)	(0.007)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.025)			
Proportion of population working outside of home with 60–89-minute commute	0.022**	0.026**	0.033**	0.022+	0.023+	0.035*	-0.018	-0.004	-0.005			
	(0.006)	(0.007)	(0.008)	(0.012)	(0.013)	(0.014)	(0.021)	(0.021)	(0.024)			
Proportion of population working outside of home with 90–99-minute commute	0.024**	0.027**	0.030**	0.040**	0.040**	0.048**	-0.022	-0.019	-0.048*			
	(0.005)	(0.005)	(0.006)	(0.009)	(0.010)	(0.013)	(0.018)	(0.018)	(0.020)			
Internet												
Proportion of households with dial-up internet only	-0.008 +	-0.006	-0.008	0.009	0.007	0.004	-0.008	-0.002	0.001			
	(0.005)	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.013)	(0.014)	(0.017)			
Proportion of households with smartphone data plan	0.020**	0.023**	0.031**	-0.017	-0.011	0.003	-0.005	0.019	0.012			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
	(0.006)	(0.006)	(0.007)	(0.014)	(0.015)	(0.017)	(0.028)	(0.028)	(0.031)			
Proportion of households with satellite internet	0.010	0.013+	0.008	0.009	0.007	0.012	0.008	0.003	0.010			
	(0.006)	(0.007)	(0.008)	(0.009)	(0.010)	(0.011)	(0.015)	(0.016)	(0.020)			
Density												
Population density (people per square mile)	0.057**	0.052**	0.041*	-0.362* *	-0.277+	-0.239	-1.107*	-0.876*	-0.900+			
	(0.014)	(0.015)	(0.018)	(0.131)	(0.146)	(0.154)	(0.433)	(0.441)	(0.532)			
Housing density (housing units per square mile)	-0.042* *	-0.035*	-0.032+	0.343**	0.264+	0.357*	0.630	0.413	0.463			
	(0.014)	(0.016)	(0.018)	(0.131)	(0.147)	(0.157)	(0.385)	(0.368)	(0.503)			
Proportion of households with grandparent living with owner	0.016**	0.015**	0.019**	0.004	0.000	-0.008	0.061**	0.063**	0.077*			
	(0.005)	(0.006)	(0.006)	(0.012)	(0.013)	(0.015)	(0.023)	(0.024)	(0.035)			
Proportion of households overcrowded	-0.007	-0.003	0.004	-0.013	-0.000	0.006	-0.013	-0.012	-0.003			
	(0.008)	(0.009)	(0.010)	(0.026)	(0.028)	(0.031)	(0.050)	(0.052)	(0.063)			
Proportion of households severely overcrowded	0.014*	0.017*	0.007	0.020	0.011	-0.007	-0.017	-0.015	-0.036			
	(0.006)	(0.007)	(0.008)	(0.020)	(0.021)	(0.024)	(0.030)	(0.033)	(0.041)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions	Applica tion Starts	Applicati on Continua tions	Access ions
Installations and recruitment stations												
Number of installations within 30 miles	0.007**	0.006**	0.005**	0.008*	0.003	0.001	0.019	0.017	0.017			
	(0.001)	(0.001)	(0.002)	(0.004)	(0.004)	(0.004)	(0.012)	(0.013)	(0.015)			
Number of recruitment stations within 30 miles	0.001**	0.000	0.001+	0.003	0.001	0.002	0.010	0.009	0.002			
	(0.000)	(0.000)	(0.000)	(0.002)	(0.002)	(0.002)	(0.006)	(0.006)	(0.008)			
Constant	0.389**	0.035	-0.334*	0.300**	0.022	-0.243*	-0.580*	-0.917**	-1.300*			
	(0.039)	(0.044)	(0.049)	(0.081)	(0.088)	(0.098)	(0.181)	(0.188)	(0.235)			
Observations		51,821			14,073			6,497				

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.23. Robustness Check: Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Education, Local Environment of Ten Miles

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applic ation Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applic ation Starts	Applica tion Continu ations	Accessi ons	Applic ation Starts	Applica tion Continu ations	Acces sions
Served by DoD youth program	0.009 (0.021)	0.004 (0.023)	-0.04 (0.026)	0.004 (0.034)	0.024 (0.035)	0.046 (0.037)	0.045 (0.080)	-0.006 (0.087)	-0.163+ (0.097)	0.01 (0.018)	0.009 (0.019)	-0.019 (0.021)
HS/GED or less: Q2 * served by DoD youth program	0.006 (0.025)	0.012 (0.028)	0.066* (0.032)	-0.006 (0.044)	-0.003 (0.046)	-0.019 (0.049)	-0.028 (0.112)	-0.019 (0.111)	0.161 (0.134)	0.002 (0.022)	0.007 (0.023)	0.046+ (0.026)
HS/GED or less: Q3 * served by DoD youth program	0.013 (0.025)	0.014 (0.027)	0.048 (0.031)	0.015 (0.044)	-0.001 (0.046)	0.005 (0.051)	0.081 (0.094)	0.141 (0.101)	0.353** (0.113)	0.016 (0.021)	0.017 (0.023)	0.053* (0.026)
HS/GED or less: Q4 * served by DoD youth program	0.029 (0.025)	0.046+ (0.027)	0.083** (0.031)	0.058 (0.046)	0.032 (0.050)	-0.014 (0.056)	-0.052 (0.094)	-0.027 (0.101)	0.184 (0.119)	0.031 (0.021)	0.039+ (0.023)	0.066* (0.027)
HS/GED or less: Q2	0.155** (0.016)	0.163** (0.017)	0.154** (0.019)	0.015 (0.035)	0.025 (0.035)	0.081* (0.037)	0.198* (0.091)	0.201* (0.095)	0.105 (0.116)	0.134** (0.014)	0.139** (0.015)	0.138** (0.017)
HS/GED or less: Q3	0.236** (0.018)	0.254** (0.020)	0.252** (0.022)	-0.067+ (0.039)	-0.051 (0.040)	-0.043 (0.043)	0.149+ (0.080)	0.134 (0.090)	0.071 (0.100)	0.181** (0.016)	0.191** (0.017)	0.186** (0.019)
HS/GED or less: Q4	0.274** (0.023)	0.280** (0.025)	0.284** (0.028)	-0.182* (0.051)	-0.157* (0.053)	-0.090 (0.057)	0.113 (0.087)	0.122 (0.098)	0.034 (0.114)	0.192** (0.02)	0.196** (0.022)	0.202** (0.025)
Demographics												
Military presence	0.128** (0.005)	0.121** (0.005)	0.117** (0.005)	0.107** (0.010)	0.102** (0.010)	0.114** (0.011)	0.090** (0.024)	0.085** (0.023)	0.072** (0.026)			
Count of population ages 15–29	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)	0.001** (0.000)			
Median age	-0.076**	-0.085* *	-0.080**	-0.083* *	-0.097* *	-0.051 *	-0.022	-0.003	0.026			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Accesi ons	Applica tion Starts	Applica tion Continu ations	Acces sions
	(0.009)	(0.010)	(0.011)	(0.019)	(0.020)	(0.022)	(0.034)	(0.035)	(0.043)			
Proportion of population never married	-0.327**	-0.341*	-0.343**	-0.341*	-0.344*	-0.285**	-0.315**	-0.305*	-0.276*			
	(0.010)	(0.011)	(0.012)	(0.025)	(0.026)	(0.029)	(0.042)	(0.045)	(0.051)			
Proportion of population divorced, separated, or widowed	-0.041**	-0.041*	-0.049**	0.017	0.023	0.008	0.022	0.004	0.030			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.015)	(0.017)	(0.023)	(0.025)	(0.028)			
Proportion of population Black	0.113**	0.056**	0.072**	0.130**	0.075**	0.093**	0.120**	0.055	0.017			
	(0.006)	(0.007)	(0.008)	(0.017)	(0.018)	(0.020)	(0.031)	(0.033)	(0.038)			
Proportion of population other	0.065**	0.064**	0.058**	0.057**	0.041+	0.041	-0.057+	-0.071*	-0.057			
	(0.008)	(0.008)	(0.010)	(0.019)	(0.022)	(0.026)	(0.033)	(0.033)	(0.036)			
Proportion of population Hispanic	0.123**	0.105**	0.104**	0.165**	0.129**	0.108*	0.018	0.047	-0.015			
	(0.012)	(0.013)	(0.015)	(0.035)	(0.038)	(0.046)	(0.064)	(0.072)	(0.085)			
Proportion of population with some college	0.101**	0.101**	0.107**	0.029+	0.033*	0.045*	0.001	0.015	0.007			
	(0.006)	(0.007)	(0.008)	(0.015)	(0.016)	(0.018)	(0.029)	(0.031)	(0.034)			
Proportion of foreign-born population who are noncitizens	-0.031**	-0.021*	-0.020+	0.001	-0.007	0.020	0.098+	0.083	0.152*			
	(0.009)	(0.011)	(0.012)	(0.031)	(0.032)	(0.037)	(0.053)	(0.057)	(0.063)			
Proportion of foreign-born population who are citizens	0.012	0.020*	0.017+	0.087*	0.086*	0.073+	0.166*	0.216**	0.209*			
	(0.008)	(0.009)	(0.010)	(0.036)	(0.036)	(0.041)	(0.071)	(0.079)	(0.085)			
Proportion of population who speak language other than English in the home	-0.110**	-0.131*	-0.123**	-0.239*	-0.230*	-0.237**	-0.233**	-0.279*	-0.332*			
	(0.017)	(0.019)	(0.021)	(0.051)	(0.055)	(0.063)	(0.079)	(0.092)	(0.108)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions
Proportion of foreign-born population who entered U.S. before 1990	0.004	0.003	-0.001	-0.011	-0.007	-0.004	-0.014	-0.012	-0.025			
	(0.005)	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.012)	(0.013)	(0.017)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.000	-0.006	-0.005	-0.003	0.002	0.008	-0.002	0.001	-0.015			
	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.009)	(0.012)	(0.012)	(0.014)			
Proportion of foreign-born population who entered U.S. 2000–2009	0.010	0.006	-0.005	-0.008	-0.004	0.003	-0.002	-0.007	-0.031+			
	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.010)	(0.014)	(0.014)	(0.016)			
Proportion of veterans who served in 2001 Gulf War or later	0.010*	0.007	0.010+	0.004	0.007	0.002	-0.005	-0.013	0.042			
	(0.005)	(0.005)	(0.006)	(0.013)	(0.014)	(0.016)	(0.025)	(0.027)	(0.029)			
Proportion of veterans who served in Vietnam War	-0.013**	-0.014*	-0.015**	-0.028*	-0.023+	-0.027+	-0.048*	-0.049*	-0.058*			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.012)	(0.014)	(0.023)	(0.024)	(0.024)			
Proportion of veterans who served in Korean War	-0.017**	-0.016*	-0.016**	-0.017	-0.024*	-0.025	0.000	-0.002	0.011			
	(0.004)	(0.005)	(0.005)	(0.011)	(0.011)	(0.016)	(0.019)	(0.020)	(0.024)			
Proportion of veterans who served in World War II	-0.025**	-0.018*	-0.011*	-0.010	-0.015	-0.027+	-0.007	-0.007	-0.009			
	(0.004)	(0.005)	(0.005)	(0.012)	(0.012)	(0.015)	(0.021)	(0.023)	(0.028)			
Urbanicity												
30% or more commute to a metropolitan core				-0.005	-0.008	-0.003						
				(0.016)	(0.017)	(0.019)						
Less than 30% commute to a metropolitan core				-0.010	-0.012+	-0.012						
				(0.006)	(0.007)	(0.008)						

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Accessi ons	Applica tion Starts	Applica tion Continu ations	Acces sions
Micropolitan core				0.000	-0.005	0.011						
				(0.014)	(0.014)	(0.016)						
30% or more commute to a micropolitan core				-0.015	-0.016	-0.003						
				(0.010)	(0.010)	(0.011)						
Small town core							0.032**	0.028**	0.030**			
							(0.007)	(0.008)	(0.010)			
30% or more commute to a small town core							-0.000	-0.000	-0.001			
							(0.005)	(0.005)	(0.006)			
Less than 30% commute to a small town core							0.001	0.000	0.003			
							(0.004)	(0.004)	(0.005)			
Economic well-being												
Proportion of households with public assistance income	0.013**	0.011*	0.008	-0.011	-0.009	0.011	0.006	0.002	-0.022			
	(0.005)	(0.005)	(0.006)	(0.011)	(0.012)	(0.014)	(0.021)	(0.022)	(0.029)			
Proportion of households with Supplemental Security Income	0.000	-0.003	0.000	0.021	0.023	0.038*	-0.058*	-0.053*	-0.057*			
	(0.006)	(0.006)	(0.008)	(0.014)	(0.015)	(0.017)	(0.024)	(0.024)	(0.029)			
Proportion of population with income below the poverty line	-0.073**	-0.068*	-0.078**	0.013	0.018	0.014	-0.025	-0.004	0.006			
	(0.008)	(0.009)	(0.010)	(0.020)	(0.021)	(0.024)	(0.036)	(0.038)	(0.043)			
Proportion of labor force unemployed	-0.027**	-0.028*	-0.020**	-0.004	-0.016	-0.031*	0.010	0.003	0.031			
	(0.005)	(0.006)	(0.007)	(0.012)	(0.014)	(0.015)	-0.02	(0.022)	(0.028)			
Median income	-0.031*	-0.016	-0.023	0.125**	0.139**	0.115**	0.043	0.078	0.066			
	(0.014)	(0.015)	(0.017)	(0.036)	(0.038)	(0.041)	(0.081)	(0.086)	(0.095)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Accesi ons	Applica tion Starts	Applica tion Continu ations	Acces sions
Median rent	-0.037 ** (0.010)	-0.038* * (0.010)	-0.046 ** (0.012)	0.015 (0.022)	0.025 (0.023)	0.025 (0.025)	0.077 (0.074)	0.052 (0.075)	0.127 (0.079)			
Median property value	-0.142 ** (0.011)	-0.151* * (0.013)	-0.155 ** (0.014)	-0.359* * (0.052)	-0.375* * (0.054)	-0.341 ** (0.060)	-0.292 ** (0.085)	-0.310* * (0.088)	-0.321* * (0.109)			
Proportion of occupied households occupied by renter	0.042** (0.009)	0.035** (0.010)	0.030** (0.011)	0.016 (0.027)	0.003 (0.029)	-0.036 (0.031)	-0.012 (0.052)	-0.004 (0.055)	-0.057 (0.059)			
Proportion of population without insurance	0.009 (0.007)	0.010 (0.007)	0.008 (0.009)	0.007 (0.017)	0.014 (0.018)	0.031 (0.020)	-0.033 (0.027)	0.005 (0.029)	0.020 (0.034)			
Mobility												
Proportion of population living in same house as prior year	0.052** (0.014)	0.049** (0.015)	0.058** (0.016)	0.152** (0.027)	0.149** (0.029)	0.158** (0.031)	0.131** (0.041)	0.112** (0.042)	0.140** (0.046)			
Proportion of population moving within county within past year	0.007 (0.010)	0.001 (0.011)	0.003 (0.012)	0.106** (0.020)	0.093** (0.021)	0.082** (0.023)	0.111** (0.035)	0.100** (0.037)	0.088* (0.040)			
Proportion of population moving from abroad within past year	0.001 (0.005)	0.000 (0.006)	0.001 (0.007)	0.009 (0.016)	-0.001 (0.018)	-0.012 (0.023)	0.020 (0.024)	0.004 (0.027)	0.029 (0.027)			
Proportion of population moving from different state within past year	-0.015 + (0.009)	-0.016+ (0.009)	-0.009 (0.010)	0.001 (0.018)	0.001 (0.019)	0.004 (0.020)	-0.024 (0.028)	-0.025 (0.030)	-0.022 (0.030)			
Proportion of working population without vehicles	0.100** (0.009)	0.097** (0.010)	0.110** (0.011)	0.061+ (0.035)	0.068+ (0.037)	0.034 (0.041)	0.058 (0.048)	0.060 (0.051)	0.095 (0.062)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Accessi ons	Applica tion Starts	Applica tion Continu ations	Acces sions
Commuting												
Proportion of working population commuting by public transportation	-0.128** (0.010)	-0.134* (0.011)	-0.131** (0.013)	-0.348* (0.079)	-0.311* (0.085)	-0.264** (0.091)	-0.410** (0.141)	-0.522* (0.175)	-0.755* (0.241)			
Proportion of working population commuting by walk or bicycle	-0.143** (0.008)	-0.139* (0.010)	-0.152** (0.011)	-0.126* (0.023)	-0.130* (0.023)	-0.134** (0.025)	-0.142** (0.035)	-0.152* (0.036)	-0.130* (0.043)			
Proportion of working population commuting by other transportation	-0.001 (0.004)	-0.001 (0.004)	-0.004 (0.005)	0.003 (0.009)	0.005 (0.009)	0.011 (0.011)	0.006 (0.013)	0.003 (0.014)	-0.017 (0.018)			
Proportion of working population working from home	-0.050** (0.007)	-0.050* (0.007)	-0.049** (0.008)	-0.039* (0.014)	-0.034* (0.014)	-0.038* (0.015)	-0.058** (0.019)	-0.066* (0.020)	-0.077* (0.023)			
Proportion of population working outside of home with 20–29-minute commute	0.009* (0.005)	0.004 (0.005)	0.006 (0.006)	0.015 (0.010)	0.006 (0.011)	0.020+ (0.012)	0.008 (0.018)	0.007 (0.019)	-0.015 (0.021)			
Proportion of population working outside of home with 30–44-minute commute	0.017** (0.005)	0.016** (0.005)	0.017** (0.006)	0.019+ (0.010)	0.020+ (0.011)	0.028* (0.012)	0.018 (0.018)	0.016 (0.019)	0.021 (0.022)			
Proportion of population working outside of home with 45–59-minute commute	0.031** (0.005)	0.037** (0.006)	0.036** (0.007)	0.025* (0.010)	0.017 (0.011)	0.020+ (0.012)	0.002 (0.018)	0.013 (0.019)	0.010 (0.024)			
Proportion of population working outside of home with 60–89-minute commute	0.024** (0.006)	0.028** (0.007)	0.035** (0.008)	0.027* (0.011)	0.028* (0.012)	0.040** (0.013)	-0.017 (0.020)	-0.003 (0.021)	-0.007 (0.024)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applic ation Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applic ation Starts	Applica tion Continu ations	Accessi ons	Applic ation Starts	Applica tion Continu ations	Acces sions
Proportion of population working outside of home with 90–99-minute commute	0.024** (0.005)	0.027** (0.005)	0.031** (0.006)	0.043** (0.009)	0.044** (0.010)	0.051** (0.012)	-0.021 (0.018)	-0.019 (0.019)	-0.044* (0.020)			
Internet												
Proportion of households with dial-up internet only	-0.007 (0.005)	-0.005 (0.005)	-0.007 (0.006)	0.009 (0.007)	0.007 (0.008)	0.004 (0.008)	-0.006 (0.013)	-0.001 (0.013)	0.002 (0.017)			
Proportion of households with smartphone data plan	0.014* (0.006)	0.018** (0.006)	0.028** (0.007)	-0.014 (0.014)	-0.008 (0.014)	0.005 (0.016)	-0.003 (0.028)	0.022 (0.028)	0.016 (0.031)			
Proportion of households with satellite internet	0.017** (0.006)	0.020** (0.007)	0.015+ (0.008)	0.006 (0.009)	0.005 (0.010)	0.009 (0.011)	0.008 (0.015)	0.001 (0.016)	0.009 (0.019)			
Density												
Population density (people per square mile)	0.079** (0.015)	0.074** (0.016)	0.060** (0.018)	-0.334* (0.130)	-0.247+ (0.145)	-0.174 (0.151)	-1.027* (0.428)	-0.801+ (0.438)	-0.799 (0.541)			
Housing density (housing units per square mile)	-0.066** (0.015)	-0.059* (0.016)	-0.053** (0.018)	0.329* (0.131)	0.245+ (0.146)	0.299+ (0.154)	0.556 (0.379)	0.353 (0.362)	0.394 (0.501)			
Proportion of households with grandparent living with owner	0.021** (0.005)	0.021** (0.006)	0.024** (0.006)	0.004 (0.012)	0.001 (0.013)	-0.001 (0.014)	0.064** (0.022)	0.065** (0.024)	0.079* (0.035)			
Proportion of households overcrowded	-0.006 (0.008)	-0.002 (0.009)	0.004 (0.010)	-0.006 (0.026)	0.007 (0.028)	0.020 (0.031)	-0.004 (0.048)	-0.004 (0.050)	0.004 (0.059)			
Proportion of households severely overcrowded	0.011+ (0.006)	0.014* (0.007)	0.004 (0.008)	0.015 (0.020)	0.006 (0.021)	-0.013 (0.024)	-0.023 (0.029)	-0.022 (0.032)	-0.041 (0.040)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Acces sions	Applica tion Starts	Applica tion Continu ations	Accessi ons	Applica tion Starts	Applica tion Continu ations	Acces sions
Installations and recruitment stations												
Number of installations within 30 miles	0.010** (0.001)	0.008** (0.001)	0.007** (0.002)	0.010** (0.004)	0.007+ (0.004)	0.004 (0.004)	0.028* (0.012)	0.028* (0.012)	0.026+ (0.014)			
Number of recruitment stations within 30 miles	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.003 (0.002)	0.001 (0.002)	0.002 (0.002)	0.014* (0.006)	0.011+ (0.006)	0.007 (0.007)			
Constant	0.475** (0.037)	0.098* (0.042)	-0.276** (0.047)	0.460** (0.080)	0.181* (0.089)	-0.137 (0.099)	-0.521** (0.181)	-0.870* (0.190)	-1.189* (0.233)			
Observations		51,821			14,073			6,497				

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses. HS = high school.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Table C.24. Robustness Check: Effect of DoD Youth Programs on Applications and Accessions, Heterogeneity by Quartile of Poverty, Local Environment of Ten Miles

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Served by DoD youth program	0.043*	0.043*	0.040+	-0.026	-0.007	-0.005	0.018	0.039	-0.075	0.026+	0.031+	0.021
	(0.018)	(0.020)	(0.022)	(0.032)	(0.034)	(0.037)	(0.069)	(0.071)	(0.072)	(0.016)	(0.017)	(0.019)
Income below poverty line: Q2 * served by DoD youth program	-0.036	-0.040	-0.045	0.053	0.034	0.048	0.002	-0.043	0.080	-0.016	-0.024	-0.017
	(0.023)	(0.025)	(0.029)	(0.044)	(0.047)	(0.050)	(0.095)	(0.097)	(0.106)	(0.02)	(0.022)	(0.024)
Income below poverty line: Q3 * served by DoD youth program	-0.012	-0.013	-0.017	0.017	0.017	0.023	0.085	0.057	0.167+	-0.002	-0.003	0.003
	(0.022)	(0.024)	(0.028)	(0.044)	(0.046)	(0.051)	(0.087)	(0.089)	(0.096)	(0.019)	(0.021)	(0.024)
Income below poverty line: Q4 * served by DoD youth program	-0.022	-0.009	-0.019	0.090*	0.075	0.083	0.014	-0.053	0.164+	0.003	0.006	0.014
	(0.023)	(0.025)	(0.029)	(0.044)	(0.047)	(0.053)	(0.085)	(0.088)	(0.099)	(0.02)	(0.021)	(0.024)
Income below poverty line: Q2	0.034*	0.041**	0.029+	0.005	0.015	-0.015	0.144*	0.125+	0.015	0.033**	0.04**	0.021
	(0.013)	(0.015)	(0.016)	(0.030)	(0.032)	(0.035)	(0.068)	(0.069)	(0.077)	(0.012)	(0.013)	(0.015)
Income below poverty line: Q3	0.027+	0.022	0.013	0.012	0.005	-0.017	0.151*	0.132+	0.084	0.03*	0.024	0.011

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Income below poverty line: Q4	(0.016)	(0.018)	(0.020)	(0.035)	(0.036)	(0.040)	(0.067)	(0.069)	(0.078)	(0.014)	(0.015)	(0.017)
	-0.034	-0.039+	-0.054*	-0.040	-0.046	-0.078	0.135+	0.128+	0.003	-0.025	-0.03	-0.055*
	(0.021)	(0.023)	(0.026)	(0.040)	(0.043)	(0.048)	(0.072)	(0.077)	(0.086)	(0.018)	(0.02)	(0.022)
Demo- graphics												
Military presence	0.128**	0.120**	0.118**	0.110**	0.105**	0.118**	0.096**	0.092**	0.079**			
	(0.005)	(0.005)	(0.005)	(0.010)	(0.010)	(0.011)	(0.022)	(0.022)	(0.024)			
Count of population ages 15–29	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**	0.001**			
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)			
Median age	0.004	-0.012	0.001	0.077**	0.064*	0.104**	0.198**	0.220**	0.233**			
	(0.012)	(0.013)	(0.015)	(0.029)	(0.031)	(0.034)	(0.045)	(0.045)	(0.054)			
Proportion of population never married	-0.276*	-0.292**	-0.290**	-0.190*	-0.190**	-0.137**	-0.129*	-0.105*	-0.095			
	(0.012)	(0.013)	(0.015)	(0.030)	(0.032)	(0.036)	(0.052)	(0.053)	(0.065)			
Proportion of population divorced, separated, or widowed	-0.036*	-0.036**	-0.042**	0.027+	0.032*	0.018	0.047*	0.032	0.052+			
	(0.007)	(0.007)	(0.008)	(0.014)	(0.015)	(0.016)	(0.024)	(0.026)	(0.029)			
Proportion of population Black	0.095**	0.040**	0.054**	0.086**	0.031+	0.052*	0.070*	0.001	-0.031			
	(0.007)	(0.007)	(0.008)	(0.017)	(0.018)	(0.021)	(0.032)	(0.034)	(0.039)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Proportion of population other	0.063** (0.007)	0.063** (0.008)	0.057** (0.009)	0.037+ (0.019)	0.022 (0.022)	0.025 (0.026)	-0.069* (0.032)	-0.082* (0.032)	-0.063+ (0.035)			
Proportion of population Hispanic	0.115** (0.012)	0.097** (0.013)	0.098** (0.015)	0.137** (0.035)	0.102** (0.038)	0.081+ (0.046)	-0.030 (0.063)	0.010 (0.070)	-0.041 (0.083)			
Proportion of population with less than high school education	0.022* (0.009)	0.029** (0.010)	0.013 (0.012)	-0.088* * (0.024)	-0.077** (0.026)	-0.024 (0.029)	-0.049 (0.042)	-0.061 (0.047)	-0.068 (0.056)			
Proportion of population with a high school diploma or GED	0.115** (0.008)	0.120** (0.008)	0.121** (0.009)	-0.003 (0.020)	0.001 (0.021)	0.009 (0.024)	0.083* (0.034)	0.086* (0.037)	0.087* (0.042)			
Proportion of population with some college	0.124** (0.007)	0.127** (0.007)	0.130** (0.008)	0.041** (0.016)	0.047** (0.017)	0.072** (0.019)	0.021 (0.032)	0.027 (0.034)	0.015 (0.038)			
Proportion of foreign-born population who are noncitizens	-0.018+ (0.009)	-0.009 (0.011)	-0.005 (0.012)	0.035 (0.032)	0.027 (0.033)	0.042 (0.037)	0.155** (0.054)	0.144* (0.059)	0.221** (0.065)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Proportion of foreign-born population who are citizens	0.025** (0.008)	0.034** (0.009)	0.030** (0.010)	0.106** (0.036)	0.108** (0.036)	0.101* (0.042)	0.213** (0.074)	0.266** (0.082)	0.263** (0.088)			
Proportion of population who speak language other than English in the home	-0.101* (0.017)	-0.123** (0.019)	-0.113** (0.021)	-0.220* (0.052)	-0.216** (0.056)	-0.237** (0.064)	-0.201* (0.083)	-0.260** (0.091)	-0.331** (0.106)			
Proportion of foreign-born population who entered U.S. before 1990	0.002 (0.005)	0.001 (0.006)	-0.003 (0.007)	-0.011 (0.007)	-0.007 (0.008)	-0.004 (0.009)	-0.014 (0.012)	-0.013 (0.013)	-0.026 (0.016)			
Proportion of foreign-born population who entered U.S. 1990–1999	-0.004 (0.005)	-0.010 (0.006)	-0.010 (0.007)	-0.005 (0.008)	0.001 (0.008)	0.007 (0.009)	-0.001 (0.012)	0.001 (0.012)	-0.016 (0.014)			
Proportion of foreign-	0.009	0.006	-0.006	-0.004	0.000	0.008	0.001	-0.004	-0.029+			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1) Applica tion Starts	(2) Applicati on Continuat ions	(3) Accessi ons	(4) Applica tion Starts	(5) Applicati on Continuat ions	(6) Accessi ons	(7) Applica tion Starts	(8) Applicati on Continuat ions	(9) Accessi ons	(10) Applica tion Starts	(11) Applicati on Continuat ions	(12) Accessi ons
born population who entered U.S. 2000– 2009	(0.006)	(0.007)	(0.007)	(0.008)	(0.009)	(0.010)	(0.014)	(0.014)	(0.017)			
Proportion of veterans who served in 2001 Gulf War or later	0.012** (0.005)	0.008 (0.005)	0.012* (0.006)	0.009 (0.013)	0.012 (0.014)	0.005 (0.016)	-0.000 (0.025)	-0.009 (0.027)	0.041 (0.029)			
Proportion of veterans who served in Vietnam War	-0.013* (0.004)	-0.013** (0.005)	-0.015** (0.005)	-0.026* (0.011)	-0.020 (0.012)	-0.025+ (0.014)	-0.049* (0.023)	-0.048* (0.024)	-0.057* (0.025)			
Proportion of veterans who served in Korean War	-0.016* (0.004)	-0.016** (0.005)	-0.015** (0.005)	-0.014 (0.011)	-0.020+ (0.011)	-0.022 (0.016)	-0.006 (0.019)	-0.008 (0.020)	0.004 (0.023)			
Proportion of veterans who served in World War II	-0.025* (0.004)	-0.018** (0.005)	-0.011* (0.005)	-0.012 (0.012)	-0.016 (0.012)	-0.028+ (0.015)	-0.001 (0.021)	-0.000 (0.023)	-0.002 (0.027)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Urbanicity												
30% or more commute to a metro- politan core				0.005 (0.016)	0.003 (0.017)	0.009 (0.018)						
Less than 30% commute to a metro- politan core				-0.007 (0.006)	-0.008 (0.007)	-0.008 (0.007)						
Micropolitan core				0.008 (0.014)	0.003 (0.014)	0.020 (0.015)						
30% or more commute to a micro- politan core				-0.010 (0.010)	-0.011 (0.010)	0.003 (0.011)						
Small town core							0.032** (0.007)	0.027** (0.007)	0.028** (0.010)			
30% or more commute to a small town core							0.002 (0.005)	0.003 (0.005)	0.001 (0.006)			
Less than 30% commute to a small town core							0.002	0.001	0.004			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Economic well-being							(0.004)	(0.004)	(0.005)			
Proportion of households with public assistance income	0.004 (0.005)	0.002 (0.005)	-0.002 (0.006)	-0.015 (0.011)	-0.013 (0.012)	0.009 (0.015)	0.011 (0.020)	0.009 (0.021)	-0.017 (0.028)			
Proportion of households with Supplemental Security Income	-0.008 (0.006)	-0.012+ (0.006)	-0.007 (0.008)	0.022+ (0.013)	0.025+ (0.014)	0.033* (0.016)	-0.043+ (0.023)	-0.034 (0.024)	-0.036 (0.029)			
Proportion of labor force unemployed	-0.039* (0.005)	-0.039** (0.006)	-0.033** (0.007)	-0.008 (0.012)	-0.019 (0.014)	-0.035* (0.015)	0.007 (0.019)	0.002 (0.022)	0.031 (0.029)			
Median income	0.006 (0.014)	0.019 (0.015)	0.006 (0.017)	0.108** (0.036)	0.117** (0.038)	0.100* (0.040)	0.153+ (0.081)	0.151+ (0.086)	0.117 (0.093)			
Median rent	-0.047* (0.009)	-0.049** (0.010)	-0.059** (0.012)	-0.005 (0.022)	0.004 (0.023)	0.002 (0.025)	0.065 (0.075)	0.038 (0.075)	0.120 (0.082)			
Median property value	-0.141* (0.011)	-0.149** (0.013)	-0.154** (0.014)	-0.348* (0.054)	-0.361** (0.056)	-0.320** (0.062)	-0.288* (0.093)	-0.306** (0.097)	-0.323** (0.116)			
Proportion of occupied	0.035**	0.029**	0.020+	-0.009	-0.021	-0.058+	-0.037	-0.030	-0.082			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
households occupied by renter	(0.009)	(0.010)	(0.011)	(0.027)	(0.028)	(0.031)	(0.052)	(0.055)	(0.060)			
Proportion of population without insurance	0.009 (0.007)	0.010 (0.008)	0.011 (0.009)	0.016 (0.017)	0.022 (0.018)	0.036+ (0.020)	-0.041 (0.028)	0.004 (0.029)	0.023 (0.035)			
Mobility												
Proportion of population living in same house as prior year	0.031* (0.014)	0.030* (0.015)	0.037* (0.017)	0.106** (0.027)	0.102** (0.028)	0.116** (0.031)	0.055 (0.041)	0.035 (0.042)	0.061 (0.046)			
Proportion of population moving within county within past year	-0.005 (0.010)	-0.009 (0.011)	-0.008 (0.012)	0.084** (0.020)	0.071** (0.021)	0.063** (0.023)	0.049 (0.035)	0.037 (0.037)	0.028 (0.040)			
Proportion of population moving from abroad within past year	-0.002 (0.005)	-0.002 (0.006)	-0.002 (0.007)	0.005 (0.017)	-0.005 (0.019)	-0.015 (0.024)	0.009 (0.027)	-0.009 (0.030)	0.014 (0.029)			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Proportion of population moving from different state within past year	-0.018* (0.009)	-0.019* (0.009)	-0.013 (0.010)	-0.016 (0.018)	-0.016 (0.019)	-0.012 (0.020)	-0.045 (0.031)	-0.049 (0.032)	-0.050 (0.031)			
Proportion of working population without vehicles	0.082** (0.009)	0.080** (0.010)	0.092** (0.011)	0.053 (0.034)	0.060 (0.038)	0.018 (0.041)	0.045 (0.049)	0.053 (0.053)	0.103 (0.062)			
Commuting												
Proportion of working population commuting by public transportation	-0.111* (0.010)	-0.118** (0.011)	-0.115** (0.013)	-0.318* (0.078)	-0.279** (0.083)	-0.234** (0.089)	-0.437* (0.146)	-0.557** (0.183)	-0.790** (0.245)			
Proportion of working population commuting by walk or bicycle	-0.133* (0.008)	-0.129** (0.010)	-0.142** (0.011)	-0.114* (0.023)	-0.118** (0.024)	-0.122** (0.025)	-0.110* (0.037)	-0.126** (0.039)	-0.114* (0.047)			
Proportion of working population commuting by other	-0.002	-0.003	-0.006	0.001	0.003	0.008	0.008	0.005	-0.018			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
trans- portation												
Proportion of working population working from home	(0.004)	(0.004)	(0.005)	(0.009)	(0.010)	(0.011)	(0.014)	(0.014)	(0.018)			
	-0.050*	-0.050**	-0.051**	-0.040*	-0.035*	-0.038*	-0.060*	-0.068**	-0.079**			
	(0.006)	(0.007)	(0.008)	(0.014)	(0.014)	(0.015)	(0.019)	(0.020)	(0.023)			
Proportion of population working outside of home with 20–29- minute commute	0.010*	0.004	0.006	0.014	0.005	0.019	0.013	0.010	-0.011			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.019)	(0.021)			
Proportion of population working outside of home with 30–44- minute commute	0.013**	0.011*	0.013*	0.018+	0.018	0.024+	0.023	0.022	0.027			
	(0.005)	(0.005)	(0.006)	(0.010)	(0.011)	(0.012)	(0.018)	(0.018)	(0.022)			
Proportion of population working outside of home with 45–59- minute commute	0.028**	0.034**	0.034**	0.021*	0.012	0.014	-0.000	0.010	0.006			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
Proportion of population working outside of home with 60–89-minute commute	(0.005)	(0.006)	(0.007)	(0.010)	(0.011)	(0.012)	(0.017)	(0.018)	(0.024)			
	0.018**	0.022**	0.029**	0.023*	0.024+	0.036**	-0.013	0.002	-0.001			
	(0.006)	(0.007)	(0.008)	(0.012)	(0.013)	(0.014)	(0.021)	(0.021)	(0.024)			
Proportion of population working outside of home with 90–99-minute commute												
	0.021**	0.024**	0.027**	0.041**	0.042**	0.049**	-0.029+	-0.028	-0.054**			
	(0.005)	(0.005)	(0.006)	(0.009)	(0.010)	(0.012)	(0.018)	(0.018)	(0.021)			
Internet												
Proportion of households with dial-up internet only												
	-0.007	-0.004	-0.006	0.011	0.008	0.005	-0.003	0.001	0.005			
	(0.005)	(0.005)	(0.006)	(0.007)	(0.008)	(0.008)	(0.013)	(0.013)	(0.017)			
Proportion of households with smartphone data plan												
	0.025**	0.028**	0.038**	-0.010	-0.004	0.011	0.013	0.036	0.027			
	(0.006)	(0.006)	(0.007)	(0.014)	(0.014)	(0.016)	(0.027)	(0.027)	(0.030)			
Proportion of households												
	0.016*	0.019**	0.014+	0.008	0.006	0.010	0.008	0.001	0.007			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
with satellite internet	(0.006)	(0.007)	(0.008)	(0.009)	(0.010)	(0.011)	(0.015)	(0.016)	(0.019)			
Density												
Population density (people per square mile)	0.067** (0.014)	0.061** (0.015)	0.049** (0.018)	-0.347* * (0.127)	-0.263+ (0.143)	-0.192 (0.149)	-0.835+ (0.432)	-0.632 (0.447)	-0.685 (0.561)			
Housing density (housing units per square mile)	-0.046* * (0.014)	-0.039* (0.016)	-0.035+ (0.018)	0.336** (0.128)	0.254+ (0.144)	0.321* (0.153)	0.328 (0.376)	0.150 (0.370)	0.249 (0.512)			
Proportion of households with grand- parent living with owner	0.021** (0.005)	0.020** (0.006)	0.025** (0.006)	-0.002 (0.012)	-0.007 (0.013)	-0.012 (0.014)	0.037 (0.024)	0.039 (0.025)	0.054 (0.035)			
Proportion of households over- crowded	-0.017* (0.008)	-0.013 (0.009)	-0.006 (0.010)	-0.025 (0.025)	-0.012 (0.027)	-0.003 (0.030)	-0.048 (0.049)	-0.044 (0.052)	-0.031 (0.062)			
Proportion of households severely	0.017**	0.020**	0.009	0.020	0.011	-0.007	-0.007	-0.006	-0.030			

Variable	Urban Tracts			Suburban Tracts			Rural Tracts			Meta-Analytic Average		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons	Applica tion Starts	Applicati on Continuat ions	Accessi ons
over- crowded	(0.006)	(0.007)	(0.008)	(0.020)	(0.021)	(0.024)	(0.030)	(0.033)	(0.043)			
Installations and recruitment stations												
Number of installations within 30 miles	0.010** (0.001)	0.008** (0.001)	0.008** (0.002)	0.012** (0.004)	0.009* (0.004)	0.006 (0.004)	0.029** (0.011)	0.028* (0.011)	0.025+ (0.014)			
Number of recruitment stations within 30 miles	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	0.003 (0.002)	0.001 (0.002)	0.002 (0.002)	0.014* (0.006)	0.011+ (0.006)	0.006 (0.007)			
Constant	0.442** (0.045)	0.092+ (0.051)	-0.303** (0.056)	-0.121 (0.106)	-0.396** (0.115)	-0.666** (0.128)	-1.289* (0.218)	-1.655** (0.229)	-1.929** (0.267)			
Observations		51,821			14,073			6,497				

NOTE: Each column presents the results of a regression of the outcome indicated by the column headers on the independent variables indicated by the row headers. Negative binomial models were used in all regressions. All models include state fixed effects and PSWs. An urban tract is defined as having been served by a DoD youth program if the nearest program is within 1 mile from the center of the tract, a suburban tract if a program is within 5 miles of the tract center, and a rural tract if a program is within 9 miles of the tract center. Robust standard errors are in parentheses.

+ = $p < 0.10$.

* = $p < 0.05$.

** = $p < 0.01$.

Abbreviations

DoD	Department of Defense
GED	General Educational Development
HiSET	High School Equivalency Test
IRR	incidence rate ratio
JROTC	Junior Reserve Officers' Training Corps
PSW	propensity score weight
TASC	Test Assessing Secondary Completion