



Expanding Opportunities & Reducing Barriers to Work: Delaware Interim Report Appendices

Evaluation of Pilot Projects to Promote Work and Increase State Accountability in the Supplemental Nutrition Assistance Program



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CONTENTS

APPENDIX A: OVERVIEW OF 10 PILOTS	A.1
APPENDIX B: BACKGROUND ON SNAP E&T AND WORK REQUIREMENTS	B.1
SNAP E&T Program Background	B.2
APPENDIX C: BASELINE INFORMATION CHARACTERISTICS (CHAPTER I SUPPLEMENTARY TABLES)	C.1
APPENDIX D: PARTICIPATION ANALYSIS (CHAPTER III SUPPLEMENTARY TABLES)	D.1
I. Main tables	D.2
II. Subgroup tables and key findings	D.19
APPENDIX E: DIFFERENCES IN SERVICE RECEIPT BETWEEN RESEARCH GROUPS (CHAPTER IV SUPPLEMENTARY TABLES)	E.1
I. Main tables	E.2
II. Subgroup tables and key findings	E.10
APPENDIX F: IMPACTS ON EMPLOYMENT, EARNINGS, RECEIPT OF PUBLIC ASSISTANCE, AND WELL-BEING OUTCOMES (CHAPTER V SUPPLEMENTARY TABLES)	F.1
I. Main tables for employment, earnings, and receipt of public assistance outcomes	F.2
II. Subgroup tables and key findings for employment, earnings, and receipt of public assistance outcomes	F.13
III. Main tables for well-being outcomes	F.29
IV. Subgroup tables and key findings for well-being outcomes	F.30
APPENDIX G: ANALYSIS OF COSTS (CHAPTER VI SUPPLEMENTARY TABLES)	G.1

TABLES

A.1	Overview of pilots	A.2
C.1	Characteristics of all individuals enrolled in the pilot	C.2
C.2	Baseline equivalence across research groups among all individuals enrolled in the pilot	C.4
D.1	Overall participation in WONDER and by type of activity	D.2
D.2	Number and order of activities, and length of engagement	D.4
D.3	Receipt of case management contacts	D.6
D.4	Receipt of support services	D.7
D.5	Participation, completion, and length of engagement by type of occupational skills training, education, and work-based learning activity	D.8
D.6	Extent and timing of WONDER exits	D.10
D.7	Characteristics of WONDER group members by engagement status and assessment status	D.11
D.8	Characteristics of WONDER group members by completion status in most common activities, among individuals who started an activity	D.13
D.9	Timing of when WONDER group members first participated in services and activities, by quarter after random assignment	D.16
D.10a	Overall participation in WONDER, by subgroup	D.20
D.10b	Participation in WONDER by type of activity, by subgroup	D.21
D.11a	Receipt of case management, by subgroup	D.22
D.11b	Receipt of support services, by subgroup	D.23
D.12	Extent and reason for WONDER exits, by subgroup	D.25
E.1	Participation in WONDER or existing SNAP E&T services	E.2
E.2	Participation in WONDER services, existing SNAP E&T services, or community-offered services	E.3
E.3	Percentage of individuals participating in WONDER services, existing SNAP E&T services, or community-offered services, by Quarter after random assignment	E.4
E.4	Completion of WONDER and existing SNAP E&T services	E.5
E.5	Amount of time spent in service or program, completion rates, and types of certifications or degrees received	E.6
E.6	Nonexperimental measures of completion rates among participants and credential receipt rates among program completers	E.7
E.7	Receipt of case management and support services through WONDER or existing SNAP E&T services	E.8

E.8	Receipt of case management and support services through WONDER, existing SNAP E&T, or community-offered programs.....	E.9
E.9	Service use, by age.....	E.11
E.10	Service use, by severity of barriers to employment.....	E.13
E.11	Service use, by recent employment history	E.15
E.12	Service use, by presence of children	E.17
E.13	Service use, by monthly income as a percentage of poverty	E.19
F.1	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records	F.2
F.2	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data	F.3
F.3	Impacts on quarterly and year 1 average hours worked per week and number of jobs, based on 12-month survey data	F.4
F.4a	Characteristics of current jobs, among individuals employed at the time of the interview and based on 12-month survey data	F.5
F.4b	Characteristics of current jobs, among all individuals with 12-month survey data	F.7
F.5	Impacts on quarterly SNAP participation rates, number of months of SNAP participation, and SNAP exit rates, based on SNAP administrative data.....	F.9
F.6	Impacts on average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data	F.10
F.7	Impacts on quarterly TANF participation rates, TANF benefit amounts, and Medicaid coverage rates, based on SNAP administrative data	F.11
F.8	Impacts on participation in other public assistance programs in the 12 months since random assignment, based on 12-month survey data.....	F.12
F.9	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by age	F.14
F.10	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by severity of barriers to employment.....	F.15
F.11	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by recent employment history	F.16
F.12	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by presence of children.....	F.17
F.13	Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by monthly income as a percentage of poverty	F.18
F.14	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by age.....	F.19
F.15	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by severity of barriers to employment	F.20

Delaware

F.16	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by recent employment history	F.21
F.17	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by presence of children	F.22
F.18	Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by monthly income as a percentage of poverty	F.23
F.19	Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per quarter and in year 1, based on SNAP administrative data, by age	F.24
F.20	Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by severity of barriers to employment	F.25
F.21	Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by recent employment history	F.26
F.22	Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by presence of children	F.27
F.23	Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by monthly income as a percentage of poverty	F.28
F.24	Impacts on food security, health, well-being, and housing status, based on 12-month survey data	F.29
F.25	Impacts on food security, based on 12-month survey data, by age	F.31
F.26	Impacts on food security, based on 12-month survey data, by severity of barriers to employment	F.32
F.27	Impacts on food security, based on 12-month survey data, by recent employment history	F.33
F.28	Impacts on food security, based on 12-month survey data, by presence of children	F.34
F.29	Impacts on food security, based on 12-month survey data, by monthly income as a percentage of poverty	F.35
G.1	Cost summary	G.2
G.2	Quarterly cost summary	G.3
G.3	Pilot cost by resource category and percent of total	G.4

EXHIBITS

B.1	How SNAP offices help SNAP participants access E&T services	B.4
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Appendix A

Overview of 10 pilots

Table A.1. Overview of pilots

Grantee	Pilot name	Target population	Pilot location	Urban/ rural	Type of State E&T program	Enrollment start date	Pilot services end date	Enrolled in pilot ^a
California	California Bridge Academy (CBA)	Work registrants	9 locations in Fresno county	Urban and rural	Voluntary	January 2016	December 2018	3,930
Delaware	Work Opportunity Networks to Develop Employment Readiness (WONDER)	New work registrants who are unemployed or underemployed and are low-skilled and/or have limited work experience	Statewide	Urban and rural	Voluntary	February 2016	December 2018	6,814
Georgia	SNAP Works 2.0	Originally ABAWDs (ages 18–49) who have been unemployed for at least 12 months but broadened to all ABAWDs in FY 2016	9 counties in or near the Atlanta and Savannah metropolitan areas ^b	Urban and rural	Mandatory	February 2016	January 2019	5,000
Illinois	Employment Opportunities, Personalized Services, Individualized Training, Career Planning (EPIC)	Work registrants who are unemployed or underemployed with low skills or limited work experience, and those working 30 or more hours per week but needing skill upgrades	33 counties across the State (seven LWIAs)	Urban and rural	Mandatory in 15 counties; voluntary in 18 counties ^c	March 2016	February 2019	5,038
Kansas	Generating Opportunities to Attain Lifelong Success (GOALS)	Work registrants	35 counties organized into 4 regions	Urban and rural	Voluntary	January 2016	March 2019	4,170
Kentucky	Paths 2 Promise (P2P)	Work registrants	8 counties in Eastern Kentucky	Rural	Voluntary	April 2016	April 2019	3,206
Mississippi	Ethics, Discipline, Goals, Employment (EDGE)	New and existing ABAWDs	5 community college districts	Urban and rural	Mandatory	March 2016	February 2019	3,051
Vermont	Jobs for Independence (JFI)	Work registrants with barriers such as homelessness, connections to the correctional system, and substance use	Statewide	Rural	Voluntary	March 2016	December 2018	3,031
Virginia	EleVate SNAP E&T	Work registrants, including ABAWDs and noncustodial parents	24 localities in the Tidewater, south central, and far southwest areas of Virginia	Urban and rural	Voluntary	March 2016	January 2019	5,027

Table A.1. Overview of pilots *(continued)*

Grantee	Pilot name	Target population	Pilot location	Urban/ rural	Type of State E&T program	Enrollment start date	Pilot services end date	Enrolled in pilot ^a
Washington	Resources to Initiate Successful Employment (RISE)	New work registrants with significant barriers to employment: long-term unemployed, homeless, limited English proficiency, veterans, and noncustodial parents with delinquent payment history	4 counties (King, Pierce, Spokane, and Yakima)	Urban and rural	Voluntary	February 2016	December 2018	5,092

^a The number enrolled in the pilot represents the sum of the treatment and control groups and, for most grantees, is evenly split between the two groups.

^b There were originally 10 counties, but Georgia stopped offering pilot services to new participants in one county after January 2017.

^c The pilot did not exclusively serve mandatory participants because existing SNAP E&T services were not offered in 18 of 33 counties included in the study. In the remaining 15 counties where existing SNAP E&T program services were offered, pilot participants who had work requirements were mandated to participate in those activities. In Illinois, the largest percentage of the study sample was drawn from the 15 counties where existing SNAP E&T services were available, and hence the majority of study participants from Illinois were mandatory.

ABAWDs = able-bodied adults without dependents; FY = fiscal year; LWIA = local workforce investment area

Appendix B

Background on SNAP E&T and work requirements

SNAP E&T Program Background

The Supplemental Nutrition Assistance Program (SNAP), which served almost 40 million people in Fiscal Year (FY) 2018, is a critical safety net for many families and individuals experiencing difficulties in obtaining adequate nutrition. Although SNAP is focused on providing nutrition assistance, for decades the program also has had Employment and Training (E&T) programs in place to improve the economic self-sufficiency of SNAP participants and reduce their need for SNAP. Congress established the SNAP E&T program through the Food Security Act of 1985. As described in this legislation, the program’s purpose is to assist “members of households participating in [SNAP] in gaining skills, training, or experience that will increase their ability to obtain regular employment” (Food Security Act of 1985).

Under current Federal legislation, States are required to administer a SNAP E&T program but have a great deal of flexibility in designing them. The E&T programs must provide at least one of the following activities: (1) job search; (2) job-search training; (3) workfare; (4) work experience (including on-the-job training, apprenticeships, and internships); (5) education programs (including basic education, postsecondary education, occupational skills training, and work readiness training); (6) self-employment training; and (7) job retention services. They also provide individuals with support services such as assistance with the costs of transportation and child care to reduce barriers to participation in E&T program activities or employment. In 2018—the most recent year for which data are available—almost every State provided job search or job-search training to individuals in SNAP E&T, over 70 percent of States provided some type of postsecondary education or occupational skills training, and over half provided work experience to some individuals.¹

States also determine if the programs will be mandatory for individuals or whether to allow individuals to volunteer to participate. Individuals required by the State to participate in E&T (mandatory participants) are sanctioned for a minimum of one month if they do not participate in assigned activities without good cause, but each State determines the specific sanction policies. Participants in voluntary programs are not sanctioned for noncompliance. In FY 2018, over two-thirds of States administered voluntary programs. The others administered mandatory programs within their State.

Only a small percentage of SNAP participants are expected to participate in SNAP E&T each year. The program generally targets “work registrants,” who are individuals not meeting a Federal exemption and who must comply with SNAP work requirements, including registering for work at an appropriate employment office, participating in an employment and training program if assigned by a State agency, and accepting an offer of suitable employment. During the certification and recertification process, SNAP eligibility staff assess whether each individual in the SNAP household meets one of the Federal exemptions, which include individuals who are younger than 16 years old or older than 59, disabled, working 30 hours a week or in another work program, receiving unemployment compensation, caring for an incapacitated adult or a child under age 6, participating in a drug or alcohol treatment program, or students enrolled at

¹Based on FNS 583 data for FY 2018 provided by FNS.

least half time in school. The majority of SNAP participants are not work registrants, as over two-thirds are children (44 percent), elderly adults (14 percent), or have a disability (10 percent) (Cronquist 2019). In FY 2018, just under 30 percent of SNAP participants were identified as work registrants.

The majority of work registrants were not expected to participate in SNAP E&T programs. In addition to the large number of States with voluntary programs, States may, and often do, exempt additional work registrants from E&T due to State-determined criteria, such as lack of available training services or employment in the area, or lack of transportation. Although many SNAP E&T participants are work registrants, some are not, as States also may serve SNAP participants who meet a Federal or State exemption but nevertheless volunteer to participate in E&T. During the certification or recertification interview, States screen for Federal and State exemptions to determine who to refer to the E&T program and may also inform exempt individuals about the E&T program and where to obtain services. In FY 2018, just over 1 percent of SNAP participants took part in a SNAP E&T program nationally.

Depending on the State and types of E&T activities offered, services can be provided directly by public assistance agencies; the Department of Labor (DOL), such as an employment service or an American Job Center (AJC); community colleges; or community-based service providers. Providers often administer assessments to gauge individuals' needs and employment barriers, and then assign activities based on these individualized assessments. Exhibit B.1 illustrates a general overview of how SNAP participants access these services nationally. Note that there is variation in the process and programs across States.

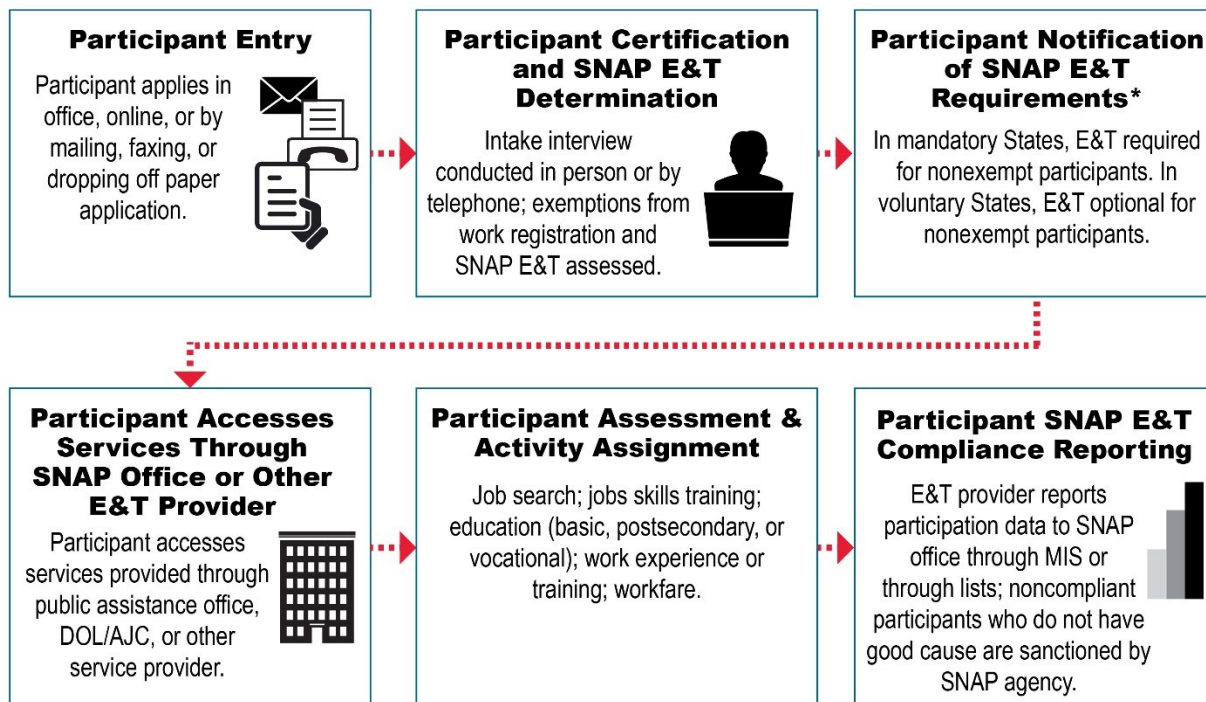
The number of hours individuals participate in E&T programs is determined by States and depends on the specific component being offered.² However, Federal regulations mandate that a subset of work registrants, able-bodied adults without dependents (ABAWD), must work at least 80 hours per month, participate in a qualifying work or education and training program for at least 80 hours per month, or comply with a workfare program.³ Those ABAWDs who do not comply face a 3-month limit on benefit receipt during any 36-month period.⁴ States may—but are not required to—use the SNAP E&T program to help ABAWDs meet this work requirement, which often means offering 80 hours of qualifying E&T activities or the required number of workfare hours. Even in States where E&T is voluntary, ABAWDs may choose to participate in E&T as a way to meet their work requirement.

² States may not mandate more than 120 hours of participation per month. Participants who wish to do so, however, can participate for an unlimited number of additional hours.

³ ABAWDs are defined as individuals ages 18 to 49 who are not caring for a child or incapacitated household member, not physically or mentally unfit for employment, not pregnant, and not already exempt from SNAP work registration.

⁴ States may request a waiver of the time limit for people in areas with an unemployment rate greater than 10 percent or those in areas with insufficient jobs. States also have authority to exempt individuals using the 15 percent exemption authorized by the Balanced Budget Act.

Exhibit B.1. How SNAP offices help SNAP participants access E&T services



*Participants who were exempt from work registration or participation may volunteer for E&T.

AJC = American Job Center; DOL = U.S. Department of Labor; MIS = management information system

Appendix C

Baseline information characteristics
(Chapter I supplementary tables)

Table C.1. Characteristics of all individuals enrolled in the pilot

Characteristics	Percentage of individuals
Average age (years)	34.1
Age (%)	
18 to 49 years old	92.0
18 to 24 years old	20.1
25 to 49 years old	71.9
50 to 59 years old	7.0
Over 60 years old	1.0
Gender (%)	
Male	58.3
Female	41.6
Other	0.1
Race and Ethnicity (%)	
Hispanic	8.2
Asian	0.6
Black, non-Hispanic	49.7
Native Hawaiian/Pacific Islander/Native American	0.5
White, non-Hispanic	38.5
Other, multiple races	2.5
Speak English as primary language (%)	96.9
Education ^a (%)	
Less than high school	24.4
High school or equivalent	63.1
Degree	7.7
Certificate	4.5
Other	0.3
Employment Status (%)	
Employed at random assignment	12.4
Employed part time	9.5
Employed full time	3.0
Not employed at random assignment but worked in past	84.3
Short-term unemployed	60.9
Long-term unemployed	23.4
Not employed at random assignment and never worked in past	3.2
Household size (number)	2.1
Presence of children (%)	
In households with children	19.3
In households without children	80.7
Married or cohabiting (%)	6.8
Sample size	5,344

Source: SNAP E&T baseline information registration form (February 2016 through December 2017 data).

Table C.1. Characteristics of all individuals enrolled in the pilot *(continued)*

Note: All values are percentages unless otherwise noted. Individuals in the pilot consist of all WONDER and control group members who completed a baseline enrollment registration and did not subsequently choose to revoke their consent to participate in the evaluation.

^a“High school or equivalent” includes survey response options “GED or other high school equivalency”, “high school diploma”, and “some college, but no degree”. “Degree” includes survey response options “Associates degree”, “Bachelor’s degree or equivalent”, “Master’s degree or higher”. “Certificate” includes survey response options “Adult Basic Education certificate”, “Vocational/technical degree or certificate”, and “business degree or certificate”.

Table C.2. Baseline equivalence across research groups among all individuals enrolled in the pilot

Characteristics	Percentage of WONDER group	Percentage of Control group	Difference
Average age (years)	33.9	34.3	-0.5 (0)
Age (%)			
18 to 49 years old	91.8	92.1	-0.3 (0.7)
18 to 24 years old	20.7	19.5	1.3 (1.1)
25 to 49 years old	71.0	72.7	-1.6 (1.2)
50 to 59 years old	7.1	6.9	0.2 (0.7)
Over 60 years old	1.1	0.9	0.1 (0.3)
Gender (%)			
Male	58.2	58.4	-0.2 (1.3)
Female	41.7	41.5	0.2 (1.3)
Other	0.1	0.1	0.0 (-)
Race and Ethnicity (%)			
Hispanic	8.9	7.4	1.5** (0.7)
Asian	0.8	0.5	0.3 (0.2)
Black, non-Hispanic	49.2	50.2	-1.0 (1.4)
Native Hawaiian/Pacific Islander/Native American	0.6	0.4	0.2 (0.2)
White, non-Hispanic	38.0	39.0	-1.0 (1.3)
Other, multiple races	2.4	2.5	-0.1 (0.4)
Speak English as primary language (%)	96.5	97.3	-0.8 (0.5)
Education ^a (%)			
Less than high school	24.9	23.9	0.9 (1.2)
High school or equivalent	63.1	63.2	-0.1 (1.3)
Degree	7.0	8.3	-1.3* (0.7)
Certificate	4.7	4.2	0.5 (0.6)
Other	0.3	0.3	0.0 (0.2)
Employment Status (%)			
Employed at random assignment	12.6	12.3	0.3 (0.9)
Employed part time	9.5	9.5	-0.1 (0.8)
Employed full time	3.2	2.8	0.4 (0.5)
Not employed at random assignment but worked in past	84.0	84.6	-0.6 (1.0)
Short-term unemployed	60.0	61.8	-1.7 (1.3)
Long-term unemployed	24.0	22.8	1.2 (1.2)
Not employed at random assignment and never worked in past	3.4	3.1	0.3 (0.5)
Household size (number)	2.1	2.1	0.0 (0)
Presence of children (%)			
In households with children	19.0	19.5	-0.5 (1.1)
In households without children	81.0	80.5	0.5 (1.1)

Table C.2. Baseline equivalence across research groups among all individuals enrolled in the pilot *(continued)*

Characteristics	Percentage of WONDER group	Percentage of Control group	Difference
Married or cohabiting (%)	6.9	6.7	0.1 (0.7)
Sample size	2,672	2,672	

Source: SNAP E&T baseline information registration form (February 2016 through December 2017 data).

Note: All values are percentages unless otherwise noted. Individuals in the pilot consist of all WONDER and control group members who completed a baseline enrollment registration and did not subsequently choose to revoke their consent to participate in the evaluation. Standard errors in parentheses.

^a“High school or equivalent” includes survey response options “GED or other high school equivalency”, “high school diploma”, and “some college, but no degree”. “Degree” includes survey response options “Associates degree”, “Bachelor’s degree or equivalent”, “Master’s degree or higher”. “Certificate” includes survey response options “Adult Basic Education certificate”, “Vocational/technical degree or certificate”, and “business degree or certificate”.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Appendix D
Participation analysis
(Chapter III supplementary tables)

I. Main tables

Table D.1. Overall participation in WONDER and by type of activity

Service	WONDER group
Engaged in WONDER (%)	99.9
Received any services (%)	68.8
Assessed (%)	68.6
Developed an individual career plan (%)	50.0
Started any employment and training related activity (%)	39.7
Started activity (%)	
Job placement assistance ^a	31.0
Occupational skills training	10.7
Skills building assistance (Track 4 only)	10.4
Financial literacy counseling	8.7
Basic education	4.6
Work-based learning	3.3
Soft skills training	1.4
Job search assistance	0.0
Workfare	0.0
Started track (%)	
Track 1	3.6
Track 2	6.2
Track 3	2.4
Track 4	46.1
Track 4-WR	6.7
Track 4-NWR	40.5
Completed activity (%)	
Job placement assistance ^a	21.1
Occupational skills training	5.1
Skills building assistance (Track 4 only)	NA
Financial literacy counseling	3.0
Basic education	3.1
Work-based learning	3.0
Soft skills training	0.8
Job search assistance	NA
Workfare	NA
Completed track (%)	
Track 1	1.0

Table D.1. Overall participation in WONDER and by type of activity *(continued)*

Service	WONDER group
Track 2	1.9
Track 3	0.6
Track 4	14.3
Track 4-WR	0.4
Track 4-NWR	14.1
Completed activity, among those that started activity (%)	
Job placement assistance ^a	68.0
Occupational skills training	47.6
Skills building assistance (Track 4 only)	NA
Financial literacy counseling	34.5
Basic education	67.7
Work-based learning	88.8
Soft skills training	56.8
Completed track, among those that started track (%)	
Track 1	27.4
Track 2	30.9
Track 3	23.4
Track 4	31.1
Track 4-WR	5.6
Track 4-NWR	34.8
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

Note: NA indicates the grantee or provider were not able to provide the data. Engaged in WONDER represents any post-random assignment contact with the pilot (including receipt of case management, orientations, assessment, support services, or activities). Received any service excludes orientations, case management, and support services.

NWR = not work ready; WR = work ready

^aIncludes data for only Track 4.

Table D.2. Number and order of activities, and length of engagement

Activities	WONDER group
Number of different types of activities started (%)	
0	60.3
1	19.6
2	7.9
3	5.5
4 or more	6.6
Activities started first, among those who started at least one activity (%)	
Job placement assistance ^a	55.8
Occupational skills training	14.6
Financial literacy counseling	13.2
Skills building assistance (Track 4 only)	11.1
Basic education	4.3
Soft skills training	0.9
Work-based learning	0.0
Activities among those participating in only one activity, among individuals who started an activity (%)	
Job placement assistance ^a	77.1
Financial literacy counseling	9.1
Occupational skills training	7.6
Skills building assistance (Track 4 only)	3.8
Basic education	1.7
Soft skills training	0.6
Work-based learning	0.0
Three most frequent combinations of activities in the order started, among those who started more than one (%)	
Job placement assistance, skills building assistance, and job placement assistance	11.8
Financial literacy counseling and job placement assistance	9.0
Skills building assistance, job placement assistance, and skills building assistance	6.2
Average time between starting each activity in the most frequent combinations, among those who started more than one (days)	
Job placement assistance, skills building assistance, and job placement assistance	
Job placement assistance and skills building assistance	65.4
Skills building assistance and job placement assistance	22.8
Financial literacy counseling and job placement assistance	43.5

Table D.2. Number and order of activities, and length of engagement *(continued)*

Activities	WONDER group
Skills building assistance, job placement assistance, and skills building assistance	
Skills building assistance and job placement assistance	13.3
Job placement assistance and skills building assistance	8.0
Mean length of time in engaged in WONDER (days)	138.1
Length of time active in WONDER, among those who engaged in WONDER (days)	
Mean	138.2
25th percentile	65.0
50th percentile (median)	114.0
75th percentile	193.0
Mean length of time in activity, among those in activity (days)	
Financial literacy counseling	168.2
Training	74.6
Basic education	59.7
Soft skills training	53.8
Work-based learning	29.7
Job placement assistance ^a	NA
Skills building assistance (Track 4 only)	NA
Mean length of time in track, among those in track (days)	
Track 1	128.8
Track 2	128.9
Track 3	160.2
Track 4	137.4
Track 4-WR	106.0
Track 4-NWR	141.6
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

Note: NA indicates the grantee or provider were not able to provide the data.

NWR = not work ready; WR = work ready

^aIncludes data for only Track 4.

Table D.3. Receipt of case management contacts

Type of service	WONDER group
Any contact (%)	99.9
Average number of contacts per person	34.0
Average number of contacts per person, among those with a contact	34.0
Average total time in case management contact among those with a contact (minutes) ^a	278.6
Among contacts, type of contact (%)	
In person	17.6
Telephone	43.8
Electronic (email, text, social media)	25.6
Mailed documents	13.0
Average number of contacts per person per month, among those with a contact	7.5
Average number of contacts per person per month, by type, among those with a contact	
In person	1.3
Telephone	3.3
Electronic (email, text, social media)	2.1
Mail	0.8
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

Note: Data in this table represents all contacts that case managers documented between themselves and individuals in WONDER. In some cases, this could include contact that was not direct communication (such as mailing documents to an individual), but even this is likely a needed service that helps the individual. We did exclude contacts, such as leaving a phone message or sending mass mailings, where applicable.

^aThe number of minutes represents the total amount of time each individual was in contact with their case manager among all contacts, averaged across all individuals who had a contact.

Table D.4. Receipt of support services

Type of service	WONDER group
Received any support service (%)	59.4
Received support service, by type (%)	
Transportation	57.1
Drug testing	7.4
Employment/training supplies (uniform/boots/clothes/tools)	6.0
Child care	5.1
Training or employment fee	4.5
APEX	0.5
Housing or auto repairs	0.4
Received support service, by type, among those who received a support (%)	
Transportation	96.2
Drug testing	12.5
Employment/training supplies (uniform/boots/clothes/tools)	10.2
Training or employment fee	7.6
Child care	8.6
APEX	0.9
Housing or auto repairs	0.6
Total amounts of support services paid per person, among those who received a support (\$)	
Mean	344
25th percentile	12
50th percentile (median)	33
75th percentile	130
Average amounts of support services paid per person, by type, among those who received each type of support (\$)	
Child care	2,997
Employment/training supplies (uniform/boots/clothes/tools)	165
Transportation	63
Training or employment fee	61
APEX	43
Drug testing	33
Housing or auto repairs	15
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

APEX = Advancement through Pardons and Expungements

Table D.5. Participation, completion, and length of engagement by type of occupational skills training, education, and work-based learning activity

Type of service	WONDER group
Started occupational skills training (%)	10.7
Top five occupational skills trainings started (%)	
Culinary course (Track 2)	4.5
Construction training (Track 1)	2.8
Certified production technician/operator (Track 3)	1.9
Training programs under Track 4 ^a	1.7
Completed occupational skills training (%)	5.1
Top five occupational skills trainings completed (%)	
Culinary course (Track 2)	2.4
Construction training (Track 1)	2.2
Certified production technician/operator (Track 3)	0.8
Training programs under Track 4 ^a	0.6
Completed occupational skills training, among those who started (%)	47.6
Top five occupational skills trainings completed, among those who started (%)	
Construction training (Track 1)	80.0
Culinary course (Track 2)	52.9
Certified production technician/operator (Track 3)	43.1
Training programs under Track 4 ^a	37.0
Started adult basic education (%)	4.6
Completed adult basic education (%)	3.1
Completed adult basic education, among those who started (%)	67.7
Started GED (%)	0.3
Completed GED (%)	0.0
Completed GED, among those who started (%)	0.0
Received an occupational skills training credential or certification (%)	4.3
Type of occupational skills training credential received, among those who received one (top 5 credentials) (%)	
ServSafe	44.7
Construction	23.7
Certified production technician	19.3
Union 55 membership card	5.3
Commercial driver's license	1.8
Received an education degree or certificate (%)	0.0

Table D.5. Participation, completion, and length of engagement by type of occupational skills training, education, and work-based learning activity *(continued)*

Type of service	WONDER group
Type of education degree or certificate received, among those who received one (top 5 degrees) (%)	
GED	100.0
Started work-based learning (%)	3.3
Type of work-based learning, among those who started (%)	
Internship (culinary)	75.3
Subsidized employment (KraftHeinz)	24.7
Completed work-based learning (%)	3.0
Completed work-based learning, among those who started (%)	88.8
Average amount of subsidy per person, by type of work-based learning, among those who started (\$)	
Internship (culinary)	416
Subsidized employment (KraftHeinz)	901
Average number of hours per week spent in work-based learning, by type of work-based learning, among those who started	
Internship (culinary)	NA
Subsidized employment (KraftHeinz)	40.5
Average number of weeks spent in work-based learning, by type of work-based learning, among those who started	
Internship (culinary)	2.0 ^b
Subsidized employment (KraftHeinz)	11.3
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

Note: NA indicates the grantee or provider were not able to provide the data.

^aTrack 4 participants could enter training programs, which staff documented in the data, but WONDER did not pay for these trainings and staff did not track the specific types of training programs individuals enrolled into in the data system. However, the certifications earned, were tracked. Most certifications earned were for commercial driver's licenses.

^bThe data provided did not include the average time in an internship for the culinary arts track, but generally the internships were intended to be two weeks. In the data, no one was paid for longer internships, but about 25 percent of the individuals were paid less than the \$450 offered for a 2-week internship.

Table D.6. Extent and timing of WONDER exits

Exits	WONDER group
Exited WONDER for any reason (%)	94.9
Reason for WONDER exit, among those who exited (%)	
Discontinued services	62.4
Completed the program	30.3
Other	4.3
Moved out of State	1.8
Lost SNAP or started receiving TANF	1.1
Death	0.2
Non-compliant with rules	0.0
Timing of exit (%)	
Never exited	5.1
In months 1 to 3 after random assignment	42.1
In months 4 to 6 after random assignment	31.8
In months 7 to 9 after random assignment	14.7
In months 10 to 12 after random assignment	6.3
Sample size	2,672

Source: SNAP employment and training evaluation administrative service use data.

Table D.7. Characteristics of WONDER group members by engagement status and assessment status

Characteristics	Percentage of all WONDER group members	Percentage of individuals engaged after assignment	Percentage of individuals not engaged after assignment	Percentage of individuals assessed	Percentage of individuals not assessed
Age					†††
18 to 49 years old	91.6	91.6	100.0	90.2	94.6***
18 to 24 years old	20.5	20.5	0.0	18.7	24.3***
25 to 49 years old	71.1	71.1	100.0	71.5	70.3
50 to 59 years old	7.1	7.1	0.0	8.3	4.5***
Over 60 years old	1.0	1.0	0.0	1.3	0.6*
Gender					
Male	58.2	58.2	66.7	56.4	62.3***
Female	41.7	41.7	33.3	43.5	37.5***
Other	0.1	0.1	0.0	0.1	0.1
Race and Ethnicity					†††
Hispanic	8.9	8.9	33.3	9.2	8.3
Asian	0.9	0.9	0.0	1.0	0.5*
Black, non-Hispanic	52.8	52.9	33.3	55.8	46.5***
Native Hawaiian/Pacific Islander/Native American	0.3	0.3	0.0	0.2	0.4
White, non-Hispanic	42.6	42.6	66.7	39.4	49.7***
Other, multiple races	2.4	2.4	0.0	2.6	2.0
Education					†††
Less than high school	24.8	24.8	0.0	23.1	28.5***
High school or equivalent	63.1	63.1	100.0	62.7	64.1
Degree	7.0	7.0	0.0	8.5	3.9***
Certificate	4.7	4.7	0.0	5.3	3.3**
Other	0.3	0.3	0.0	0.4	0.1
Employment Status					
Employed at random assignment	13.1	13.1	0.0	13.1	12.9
Employed part time	74.5	74.5	—	74.7	74.0

Table D.7. Characteristics of WONDER group members by engagement status and assessment status *(continued)*

Characteristics	Percentage of all WONDER group members	Percentage of individuals engaged after assignment	Percentage of individuals not engaged after assignment	Percentage of individuals assessed	Percentage of individuals not assessed
Employed full time	25.5	25.5	—	25.3	26.0
Not employed at random assignment but worked in past	84.0	84.0	100.0	84.1	83.8
Short-term unemployed	71.4	71.3	100.0	72.4	69.0
Long-term unemployed	28.6	28.6	0.0	27.6	30.9
Not employed at random assignment and never worked in past	3.4	3.4	0.0	3.2	3.8
Presence of children					
In households with children	19.1	19.1	0.0	20.0	17.0*
In households without children	80.9	80.9	100.0	80.0	83.0*
Tracks					
Track 1	3.6	3.6	0.0	5.2	0.0
Track 2	6.2	6.2	0.0	9.0	0.0
Track 3	2.4	2.4	0.0	3.5	0.0
Track 4	46.1	46.2	0.0	67.1	0.4***
Track 4-WR	6.7	6.7	0.0	9.7	0.0
Track 4-NWR	40.5	40.6	0.0	58.9	0.4***
Sample size	2,672	2,669	3	1,833	839

Source: SNAP employment and training evaluation administrative service use data.

Note: Hyphens indicate that detailed information for participants in the activity is not provided because the relevant statistic is undefined since no one participated in the activity. Engaged after assignment represents any post-random assignment contact with the pilot (including receipt of case management, orientations, assessment, support services, or activities). Because WONDER group members could participate in multiple tracks, the sum of individuals in Tracks 1 through 4 will not equal 100%.

NWR = not work ready; WR = work ready

***/**/* Difference between those who engaged/were assessed and those who did not significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across groups defined by individual characteristics significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table D.8. Characteristics of WONDER group members by completion status in most common activities, among individuals who started an activity

Characteristics	Completed job placement assistance	Did not complete job placement assistance	Completed financial literacy training	Did not complete financial literacy training	Completed occupational skills training	Did not complete occupational skills training	Completed basic education	Did not complete basic education
Age (%)								
18 to 49 years old	90.1	85.7	91.3	86.2	86.8	92.7 *	88.1	97.5 **
18 to 24 years old	17.4	14.3	18.8	16.4	15.4	20.0	27.4	15.0
25 to 49 years old	72.6	71.3	72.5	69.7	71.3	72.7	60.7	82.5 **
50 to 59 years old	8.7	10.2	8.7	9.9	11.8	6.0*	10.7	2.5*
60 years and older	1.2	3.4	0.0	3.9**	1.5	1.3	1.2	0.0
Gender (%)								
Male	55.4	54.0	46.3	49.3	62.5	56.7	63.1	60.0
Female	44.4	46.0	53.8	50.7	37.5	43.3	36.9	40.0
Other	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Race and Ethnicity (%)								
		††						
Hispanic	8.3	8.7	5.0	13.8**	5.9	8.0	9.5	15.0
Asian	1.2	2.3	1.3	2.0	2.2	2.7	1.2	0.0
Black, non-Hispanic	60.7	49.8***	67.5	53.3*	62.5	62.0	70.2	50.0**
Native Hawaiian/Pacific Islander/Native American	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White, non-Hispanic	35.3	44.2**	30.0	40.1	33.8	32.0	26.2	42.5*
Other, multiple races	2.8	1.1*	3.8	1.3	1.5	2.7	1.2	2.5
Education (%)								
								†††
Less than high school	19.5	23.8	12.5	23.0**	15.4	14.7	25.0	57.5***
High school or equivalent	62.0	61.1	61.3	57.9	70.6	76.0	69.0	30.0***

Table D.8. Characteristics of WONDER group members by completion status in most common activities, among individuals who started an activity *(continued)*

Characteristics	Completed job placement assistance	Did not complete job placement assistance	Completed financial literacy training	Did not complete financial literacy training	Completed occupational skills training	Did not complete occupational skills training	Completed basic education	Did not complete basic education
Degree	11.4	10.9	16.3	10.5	9.6	4.7*	1.2	7.5
Certificate	6.2	3.8	8.7	7.9	4.4	4.0	4.8	2.5
Other	0.9	0.4	1.3	0.7	0.0	0.7	0.0	2.5
Employment Status (%)								
Employed at random assignment	14.6	10.2*	17.7	17.9	12.9	14.3	11.3	20.5
Employed part time	78.8	80.8	78.6	76.9	88.2	90.5	88.9	87.5
Employed full time	21.3	19.2	21.4	23.1	11.8	9.5	11.1	12.5
Not employed at random assignment but worked in past	83.1	86.4	81.3	78.3	84.6	84.0	84.5	77.5
Short-term unemployed	76.9	62.4***	84.6	73.9	73.0	72.2	71.8	61.3
Long-term unemployed	23.1	37.6***	15.4	26.1	27.0	27.8	28.2	38.7
Not employed at random assignment and never worked in past	2.7	3.8	1.3	4.6	2.9	2.0	4.8	2.5
Presence of children (%)								
In households with children	20.2	17.7	40.0	24.3**	15.4	26.0**	15.5	20.0
In households without children	79.8	82.3	60.0	75.7**	84.6	74.0**	84.5	80.0
Tracks (%)								
Track 1	6.9	3.4**	8.7	5.9	25.7	30.0	42.9	2.5***
Track 2	12.3	7.5**	21.3	22.4	46.3	38.7	25.0	25.0
Track 3	5.5	2.3**	3.8	6.6	16.2	19.3	15.5	12.5

Table D.8. Characteristics of WONDER group members by completion status in most common activities, among individuals who started an activity *(continued)*

Characteristics	Completed job placement assistance	Did not complete job placement assistance	Completed financial literacy training	Did not complete financial literacy training	Completed occupational skills training	Did not complete occupational skills training	Completed basic education	Did not complete basic education
Track 4	99.1	98.9	82.5	86.8	56.6	76.7***	72.6	85.0
Track 4-WR	7.1	20.8***	10.0	17.8*	5.1	10.7*	23.8	25.0
Track 4-NWR	95.0	80.4***	75.0	71.7	52.9	66.7**	56.0	65.0
Sample size	563	265	80	152	136	150	84	40

Source: SNAP employment and training evaluation administrative service use data.

Note: Because WONDER group members could participate in multiple tracks, the sum of individuals in Tracks 1 through 4 will not equal 100%.

NWR = not work ready; WR = work ready

***/**/* Difference between those who completed and those who did not significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across groups defined by individual characteristics significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table D.9. Timing of when WONDER group members first participated in services and activities, by quarter after random assignment

Services and activities	All WONDER group members	Participation during each quarter				Cumulative participation across quarters			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^a
Engaged in WONDER (%)	99.9	99.7	0.1	0.0	0.0	99.7	99.8	99.9	99.9
Received any services (%)	68.8	66.8	1.0	0.5	0.3	66.8	67.8	68.3	68.6
Assessed (%)	68.6	66.4	1.2	0.5	0.4	66.4	67.6	68.2	68.5
Developed an individual career plan (%)	50.0	35.7	8.3	4.5	1.5	35.7	44.0	48.5	50.0
Started any employment and training related activity (%)	39.7	32.5	5.4	1.5	0.3	32.5	37.8	39.3	39.6
Started activity (%)									
Job placement assistance ^b	31.0	22.8	6.1	1.6	0.4	22.8	28.9	30.5	30.9
Occupational skills training	10.7	7.5	1.9	0.9	0.4	7.5	9.4	10.3	10.7
Skills building assistance (Track 4 only)	10.4	6.9	2.2	0.8	0.5	6.9	9.1	9.9	10.4
Financial literacy counseling	8.7	7.1	1.0	0.4	0.1	7.1	8.2	8.6	8.7
Basic education	4.6	3.4	0.8	0.3	0.2	3.4	4.2	4.5	4.6
Work-based learning	3.3	0.3	2.2	0.6	0.2	0.3	2.5	3.1	3.3
Soft skills training	1.4	0.8	0.4	0.0	0.1	0.8	1.3	1.3	1.4
Started track (%)									
Track 1	3.6	2.7	0.5	0.2	0.1	2.7	3.3	3.4	3.6
Track 2	6.2	5.2	0.8	0.1	0.1	5.2	6.0	6.1	6.2
Track 3	2.4	1.9	0.3	0.1	0.0	1.9	2.2	2.4	2.4
Track 4	46.1	40.2	4.3	1.0	0.7	40.2	44.5	45.4	46.1
Track 4-WR	6.7	5.7	0.7	0.1	0.1	5.7	6.4	6.6	6.7
Track 4-NWR	40.5	34.8	3.9	1.1	0.7	34.8	38.7	39.8	40.5

Table D.9. Timing of when WONDER group members first participated in services and activities, by Quarter after random assignment *(continued)*

		Participation during each quarter				Cumulative participation across quarters			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^a
Services and activities	All WONDER group members								
Completed activity, among those who started (%)									
Job placement assistance ^b	68.0	NA	NA	NA	NA	NA	NA	NA	NA
Occupational skills training	47.6	19.6	22.4	9.8	5.2	19.6	42.0	51.7	57.0
Skills building assistance (Track 4 only)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Financial literacy training	34.5	3.0	8.2	11.6	11.6	3.0	11.2	22.8	34.5
Basic education	67.7	40.3	13.7	8.9	4.8	40.3	54.0	62.9	67.7
Work-based learning	88.8	1.1	56.2	21.3	10.1	1.1	57.3	78.7	88.8
Soft skills training	56.8	24.3	21.6	5.4	5.4	24.3	45.9	51.4	56.8
Completed track, among those who started (%)									
Track 1	27.4	1.1	6.3	12.6	7.4	1.1	7.4	20.0	27.4
Track 2	30.9	0.0	7.9	14.5	8.5	0.0	7.9	22.4	30.9
Track 3	23.4	0.0	1.6	14.1	7.8	0.0	1.6	15.6	23.4
Track 4	31.1	3.2	12.6	9.2	6.1	3.2	15.7	25.0	31.1
Track 4-WR	5.6	3.4	0.6	1.1	0.6	3.4	3.9	5.1	5.6
Track 4-NWR	34.8	3.0	14.3	10.5	6.9	3.0	17.4	27.9	34.8
Contact with individuals enrolled									
First contact (%)	99.9	99.7	0.1	0.1	0.0	99.7	99.8	99.9	99.9
Average number of contacts per person during WONDER, among those with a contact	34.0	17.4	15.9	15.8	17.5	17.4	26.8	31.4	34.0
Certification and degrees									
Received a training credential or certification (%)	4.3	1.2	2.1	0.6	0.4	1.2	3.2	3.9	4.3
Received an education degree or certificate (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table D.9. Timing of when WONDER group members first participated in services and activities, by Quarter after random assignment *(continued)*

Services and activities	All WONDER group members	Participation during each quarter				Cumulative participation across quarters			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^a
Exited WONDER for any reason (%)	94.9	42.1	31.8	14.7	6.3	42.1	74.0	88.6	94.9
Sample size	2,672								

Source: SNAP employment and training evaluation administrative service use data.

Note: NA indicates the grantee or provider were not able to provide the data. Engaged in WONDER represents any post-random assignment contact with the pilot (including receipt of case management, orientations, assessments, support services, or activities). Received any service excludes orientations, case management, and support services.

NWR = not work ready; WR = work ready

^aThe total cumulative value does not always equal the total number among all group members because the start dates for some variables were missing for a small number of individuals.

^bIncludes data for only Track 4.

II. Subgroup tables and key findings

Overall, there were several significant differences in engagement and service receipt by subgroups (based on age, presence of children in the household, employment history, barriers to employment,⁵ and household income) (Appendix Tables D.10 to D.12). Key findings include the following:

- Individuals age 50 and older were more likely to be assessed, develop an ICP, and start any employment and training activity, compared to individuals ages 18 to 24 or 25 to 49. These older individuals also were more likely to start job placement (11 to 17 percentage points higher than younger age groups).
- Individuals with the greatest barriers to employment were less likely than those with the least or moderate barriers to be assessed, develop an ICP, and start any employment and training activity. They also were less likely to start job placement (6 to 9 percentage points lower than the least or moderate barrier groups), occupational skills training (4 to 7 percentage points lower than the least or moderate barrier groups) and financial literacy counseling (1 to 4 percentage points lower than the least or moderate barrier groups).

⁵ Severity of barriers to employment was defined as follows. The category of least barriers to employment included individuals who were employed within the 12 months before random assignment and who had a high school diploma or equivalent. Moderate barriers were defined as having been unemployed for at least the 12 months before random assignment or an education level less than a high school diploma or equivalent. The category of greatest barriers included individuals not employed in the 12 months before random assignment and with less than a high school diploma or equivalent.

Table D.10a. Overall participation in WONDER, by subgroup

Subgroups	Sample size	Engaged in WONDER	Assessed	Developed an individual career plan	Started any employment and training related activity
Age (%)					
18 to 24 years old	547	100.0	62.7	45.0	33.8
25 to 49 years old	1,900	99.8	68.9	50.1	39.9
50 years and older	218	100.0	80.3†††	62.4†††	53.2†††
Presence of children (%)					
In households with children	510	100.0	72.0	54.5	41.0
In households without children	2,162	99.9	67.8†	48.9††	39.4
Recent employment history (%)					
Employed in 12 months prior to random assignment	1,998	99.8	69.8	51.0	40.3
Not employed in 12 months prior to random assignment	671	100.0	65.0††	46.9†	37.9
Barrier to employment (%)					
Least barriers (employed in past 12 months and completed high school or equivalent)	1,559	99.8	70.7	52.3	41.6
Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)	876	100.0	67.1	48.4	38.0
Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)	229	100.0	59.4†††	39.7†††	32.3††
Household Income (%)					
Less than 50 percent of FPL	2,116	100.0	68.7	49.5	39.1
Greater or equal to 50 percent of FPL	510	99.6††	68.6	52.5	42.5

Source: SNAP employment and training evaluation administrative service use data.

Note: The table includes up to four activities. If more than four activities are offered, those which were most frequently started are included in the table.

FPL = Federal Poverty Level

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table D.10b. Participation in WONDER by type of activity, by subgroup

Subgroups	Sample size	Started key activity:				Completed key activity:			
		Job placement	Skills building	Occupational skills training	Financial literacy counseling	Job placement	Skills building	Occupational skills training	Financial literacy counseling
Age (%)									
18 to 24 years old	547	24.9	10.8	9.3	7.3	17.9	NA	3.8	2.7
25 to 49 years old	1,900	31.5	9.7	10.8	8.6	21.5	NA	5.1	3.1
50 years and older	218	42.2†††	15.6††	13.3	12.8††	25.7††	NA	8.3††	3.2
Presence of children (%)									
In households with children	510	31.6	9.0	11.8	13.5	22.4	NA	4.1	6.3
In households without children	2,162	30.9	10.8	10.5	7.5†††	20.8	NA	5.3	2.2†††
Recent employment history (%)									
Employed in 12 months prior to random assignment	1,998	31.5	10.4	11.1	9.3	22.7	NA	5.2	3.5
Not employed in 12 months prior to random assignment	671	29.5	10.6	9.5	6.9†	16.1†††	NA	4.9	1.6††
Barrier to employment (%)									
Least barriers (employed in past 12 months and completed high school or equivalent)	1,559	32.5	10.9	12.3	9.8	23.7	NA	5.7	3.7
Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)	876	29.9	9.7	9.2	7.3	18.2	NA	4.6	2.4
Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)	229	23.6††	10.0	5.7†††	6.1††	12.7†††	NA	3.1	0.0†††
Household Income (%)									
Less than 50 percent of FPL	2,116	30.5	10.3	10.7	8.0	20.3††	NA	5.2	2.8
Greater or equal to 50 percent of FPL	510	33.7	11.4	10.8	12.0†††	24.9††	NA	4.7	3.9

Source: SNAP employment and training evaluation administrative service use data.

Note: NA indicates the grantee or provider were not able to provide the data. The table includes up to four activities. If more than four activities are offered, those which were most frequently started are included in the table.

FPL = Federal Poverty Level

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test

Table D.11a. Receipt of case management, by subgroup

Subgroups	Sample size	Any contact (%)	Average number of contacts per person during WONDER, among those with a contact
Age (%)			
18 to 24 years old	547	100.0	31.3
25 to 49 years old	1,900	99.8	34.0
50 years and older	218	100.0	41.6
Presence of children (%)			
In households with children	510	100.0	33.8
In households without children	2,162	99.8	34.1
Recent employment history (%)			
Employed in 12 months prior to random assignment	1,998	99.8	34.4
Not employed in 12 months prior to random assignment	671	99.9	32.8
Barrier to employment (%)			
Least barriers (employed in past 12 months and completed high school or equivalent)	1,559	99.8	34.8
Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)	876	100.0	33.7
Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)	229	99.6	29.0
Household Income (%)			
Less than 50 percent of FPL	2,116	99.9	34.2
Greater or equal to 50 percent of FPL	510	99.6	33.6

Source: SNAP employment and training evaluation administrative service use data.

FPL = Federal Poverty Level

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table D.11b. Receipt of support services, by subgroup

Subgroups	Sample size	Received any support service (%)	Type of support received among those who received a support (%)						
			Transportation	Drug testing	Child care	Training or employment fee	Employment or training supplies	APEX	Housing or auto repairs
Age (%)									
18 to 24 years old	547	53.9	92.9	9.5	9.2	4.7	11.2	0.0	0.7
25 to 49 years old	1,900	60.3	96.6	12.8	9.3	7.9	10.2	1.1	0.5
50 years and older	218	66.5†††	99.3†††	16.6†	1.4†††	11.7††	7.6	0.7	1.4
Presence of children (%)									
In households with children	510	60.6	84.8	12.6	40.5	10.4	11.0	2.3	0.6
In households without children	2,162	59.1	98.9†††	12.5	0.9†††	7.0††	9.9	0.5†††	0.6
Recent employment history (%)									
Employed in 12 months prior to random assignment	1,998	60.3	95.7	13.4	9.5	8.0	10.4	0.8	0.6
Not employed in 12 months prior to random assignment	671	56.5†	97.6†	9.8†	5.5††	6.3	9.5	1.1	0.8
Barrier to employment (%)									
Least barriers (employed in past 12 months and completed high school or equivalent)	1,559	60.6	96.0	14.8	9.6	9.5	10.8	1.1	0.6

Table D.11b. Receipt of support services, by subgroup *(continued)*

Subgroups	Sample size	Received any support service (%)	Type of support received among those who received a support (%)						
			Transportation	Drug testing	Child care	Training or employment fee	Employment or training supplies	APEX	Housing or auto repairs
Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)	876	58.7	96.1	10.3	7.4	5.3	9.9	0.8	0.6
Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)	229	52.8†	97.5	4.1†††	4.1†	2.5†††	5.8	0.0	0.8
Household Income (%)									
Less than 50 percent of FPL	2,116	59.6	97.5	12.4	5.8	6.8	10.7	0.8	0.6
Greater or equal to 50 percent of FPL	510	58.8	90.3†††	12.7	21.0†††	10.3††	8.3	1.3	0.7

Source: SNAP employment and training evaluation administrative service use data.

APEX = Advancement through Pardons and Expungements; FPL = Federal Poverty Level

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table D.12. Extent and reason for WONDER exits, by subgroup

Subgroups	Sample size	Exited for any reason	Reason for WONDER exit, among those who exited						
			Discontinued services	Completed the program	Other	Moved out of State	Lost SNAP or started receiving TANF	Death	Non-compliant with rules
Age (%)									
18 to 24 years old	547	95.6	61.4	33.5	1.9	2.5	0.8	0.0	0.0
25 to 49 years old	1,900	95.3	63.0	29.4	4.5	1.8	1.1	0.2	0.0
50 years and older	218	89.9†††	59.2	30.6	8.7†††	0.5	1.0	0.0	0.0
Presence of children (%)									
In households with children	510	93.7	57.1	33.3	2.9	1.9	4.4	0.4	0.0
In households without children	2,162	95.2	63.7†††	29.6	4.6	1.8	0.3†††	0.1	0.0
Recent employment history (%)									
Employed in 12 months prior to random assignment	1,998	94.7	59.5	33.4	3.9	1.9	1.1	0.1	0.0
Not employed in 12 months prior to random assignment	671	95.4	71.1†††	20.9†††	5.3	1.4	0.9	0.3	0.0
Barrier to employment (%)									
Least barriers (employed in past 12 months and completed high school or equivalent)	1,559	94.4	57.9	34.9	4.0	2.0	1.1	0.1	0.0
Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)	876	95.3	66.9	25.1	4.7	1.9	1.1	0.2	0.0
Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)	229	97.4	76.7†††	17.9†††	4.5	0.0	0.9	0.0	0.0
Household Income (%)									

Table D.12. Extent and reason for WONDER exits, by subgroup *(continued)*

Subgroups	Sample size	Exited for any reason	Reason for WONDER exit, among those who exited						
			Discontinued services	Completed the program	Other	Moved out of State	Lost SNAP or started receiving TANF	Death	Non-compliant with rules
Less than 50 percent of FPL	2,116	95.2	63.8	29.1	4.3	1.9	0.7	0.1	0.0
Greater or equal to 50 percent of FPL	510	93.1†	56.6†††	35.6†††	3.6	1.7	2.3†††	0.2	0.0

Source: SNAP employment and training evaluation administrative service use data.

FPL = Federal Poverty Level

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Appendix E

Differences in service receipt between research groups
(Chapter IV supplementary tables)

I. Main tables

Table E.1. Participation in WONDER or existing SNAP E&T services

Service	WONDER group	Control group	Difference
Assessed (%)	68.6	16.6	52.1*** (1.1)
Started any employment and training related activity (%)	40.0	14.4	25.5*** (1.1)
Started activity and track (%)			
Job placement assistance ^a	31.1	8.0	23.1*** (1.0)
Occupational skills training	10.8	0.2	10.6*** (0.5)
Skills building assistance (Track 4 only)	10.4	0.0	10.4*** (0.4)
Financial literacy counseling	8.7	0.0	8.7*** (0.4)
Basic education	4.6	0.2	4.5*** (0.3)
Work-based learning	3.4	0.0	3.4*** (0.3)
Training/education programs (Track 4 only)	1.7	0.0	1.7*** (0.2)
Soft skills training	1.4	0.0	1.4*** (0.2)
Job search assistance	0.1	5.5	-5.4*** (0.3)
Workfare	0.1	4.6	-4.4*** (0.3)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation administrative service use data, weighted data.

Note: Standard errors in parentheses.

^aIncludes data for only Track 4 in the WONDER group and for the control includes only those who obtained employment from job placement assistance.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.2. Participation in WONDER services, existing SNAP E&T services, or community-offered services

Service	WONDER group	Control group	Difference
Completed career assessment tests (%)	34.3	18.1	16.2*** (2.0)
Participated in job search training or assistance activities or education or training programs (%)	49.0	36.0	13.0*** (2.4)
Participated in job search training or assistance activities (%)	41.8	27.8	14.0*** (2.2)
Participated in education or training programs (%)	27.3	15.9	11.4*** (1.9)
General job skills training	17.0	8.0	9.0*** (1.5)
Occupational skills training	16.5	9.0	7.5*** (1.5)
Education	9.0	7.5	1.5 (1.2)
Work-based learning	0.6	0.1	0.5*** (0.2)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.3. Percentage of individuals participating in WONDER services, existing SNAP E&T services, or community-offered services, by Quarter after random assignment

Service	Quarter 1			Quarter 2			Quarter 3			Quarter 4		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Completed career assessment tests	10.0	2.7	7.3*** (1.0)	8.9	2.6	6.3*** (0.9)	7.2	2.8	4.4*** (0.9)	6.1	3.2	2.9*** (0.9)
Participated in job search training or assistance activities or education or training programs (%)	16.8	7.3	9.5*** (1.4)	15.9	7.8	8.1*** (1.4)	12.9	8.2	4.7*** (1.3)	11.4	9.0	2.4* (1.4)
Participated in job search training or assistance activities	12.8	4.2	8.6*** (1.2)	12.1	4.5	7.5*** (1.2)	9.7	4.5	5.2*** (1.1)	8.0	4.4	3.6*** (1.0)
Participated in education or training programs	16.8	7.3	9.5*** (1.4)	15.9	7.8	8.1*** (1.4)	12.9	8.2	4.7*** (1.3)	11.4	9.0	2.4* (1.4)
Sample size	1,042	1,049		1,042	1,049		1,042	1,049		1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.4. Completion of WONDER and existing SNAP E&T services

Service	WONDER Group	Control group	Difference
Completed activity and track (%)			
Job placement assistance ^a	21.1	NA	21.1*** (0.6)
Occupational skills training	5.2	NA	5.2*** (0.3)
Basic education	3.1	NA	3.1*** (0.3)
Financial literacy counseling	3.0	NA	3.0*** (0.2)
Work-based learning	3.0	NA	3.0*** (0.2)
Soft skills training	0.8	NA	0.8*** (0.1)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation administrative service use data, weighted data.

Note: NA indicates the grantee or provider were not able to provide the data. Standard errors in parentheses.

^aIncludes data for only Track 4 in the WONDER group and for the control includes only those who obtained employment from job placement assistance.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.5. Amount of time spent in service or program, completion rates, and types of certifications or degrees received

	WONDER group	Control group	Difference
Mean length of time spent in all activities and programs (months)	1.4	0.8	0.6*** (0.1)
Mean number of hours per week spent in program	5.0	2.3	2.7*** (0)
Percentage of individuals that are still in the program as of the survey interview date (%)			
All activities	7.7	7.5	0.3 (1.2)
Programs with general job skills training	4.6	3.2	1.4 (0.8)
Programs with occupational skills training	5.0	3.8	1.3 (0.8)
Programs with education	3.1	3.9	-0.8 (0.8)
Programs with work-based learning	0.1	0.1	0.1 (0.1)
Percentage that completed the program (%)			
All activities	14.5	7.7	6.8*** (1.4)
Programs with general job skills training	10.0	4.2	5.7*** (1.1)
Programs with occupational skills training	8.3	4.6	3.7*** (1.1)
Programs with education	3.6	2.7	0.8 (0.8)
Programs with work-based learning	0.3	0.0	0.3** (0.1)
Type of certificate or degree/diploma received (%)			
Participation/attendance	1.1	0.8	0.3 (0.4)
Adult basic education	0.0	0.0	0.0 (0.0)
High school diploma / GED	0.7	0.6	0.1 (0.3)
Associate's degree	0.0	0.2	-0.2* (0.1)
Bachelor's degree	0.5	0.0	0.4** (0.2)
English proficiency certification or TOEFL	0.0	0.0	0.0 (0.0)
Occupational certificate or license	7.2	3.3	3.9*** (0.9)
Other	1.1	0.8	0.3 (0.4)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.6. Nonexperimental measures of completion rates among participants and credential receipt rates among program completers

	WONDER group	Control group	Difference
Percentage that completed the program, among those participants who started (%)			
All activities	52.4	48.9	3.5 (5.1)
Programs with general job skills training	38.8	26.5	12.3*** (4.4)
Programs with occupational skills training	28.6	29.1	-0.5 (4.8)
Programs with education	12.5	17.6	-5.1 (3.8)
Programs with work-based learning	1.4	0.0	1.4** (0.6)
Percentage that received a diploma, degree, certification, or license after completing program (%)			
All activities	36.7	33.5	3.2 (4.9)
Programs with general job skills training	24.0	15.8	8.3** (3.8)
Programs with occupational skills training	20.2	21.0	-0.8 (4.4)
Programs with education	7.7	13.4	-5.7* (3.3)
Programs with work-based learning	1.4	0.0	1.4** (0.6)
Type of certificate or degree/diploma received (%)			
Participation/attendance	4.1	5.4	-1.2 (2.1)
Adult basic education	0.0	0.0	0.0 (0.0)
High school diploma / GED	2.6	3.8	-1.2 (1.5)
Associate's degree	0.1	1.3	-1.2** (0.5)
Bachelor's degree	1.9	0.3	1.6** (0.7)
English proficiency certification or TOEFL	0.0	0.0	0.0 (0.0)
Occupational certificate or license	24.8	20.1	4.7 (4.3)
Other	3.6	5.1	-1.5 (1.9)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.7. Receipt of case management and support services through WONDER or existing SNAP E&T services

Service	WONDER group	Control group	Difference
Any contact with case manager (%)	99.9	NA	99.9*** (0.1)
Average number of contacts with case manager per person during pilot	33.9	NA	33.9*** (0.0)
Received any support service (%)	59.6	39.9	19.7*** (1.3)
Received support service, by type (%)			
Transportation	57.4	37.8	19.6*** (1.3)
Drug testing	7.5	0.0	7.5*** (0.4)
Work items (uniforms, boots, clothes, or tools)	6.0	0.0	6.0*** (0.3)
Child care	5.1	0.0	5.1*** (0.3)
Training or employment fee	4.6	0.0	4.6*** (0.3)
APEX	0.5	0.0	0.5*** (0.1)
Housing or auto repairs	0.4	0.0	0.4*** (0.1)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation administrative service use data, weighted data.

Note: NA indicates the grantee or provider were not able to provide the data. Standard errors in parentheses.

APEX = Advancement through Pardons and Expungements

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table E.8. Receipt of case management and support services through WONDER, existing SNAP E&T, or community-offered programs

Service	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	49.5	30.9	18.6*** (2.3)
Average number of contacts with an employment professional or case manager	10.1	5.6	4.5*** (1.0)
Mode of contacts (%)			
Mostly in person	68.5	68.0	0.5 (3.5)
Mostly by phone	13.5	17.3	-3.8 (2.7)
Equally in person and by phone	17.7	14.4	3.3 (2.5)
Any support service (excluding mental health or substance use counseling)	44.4	34.0	10.4*** (2.3)
Any support service	53.5	43.0	10.5*** (2.4)
Childcare assistance including vouchers or funds (%)	5.6	6.2	-0.6 (1.0)
Transportation assistance (such as gas cards or bus passes) (%)	35.6	22.2	13.4*** (2.1)
Housing assistance (%)	5.9	5.9	0.0 (1.0)
Mental health or substance use counseling (%)	18.4	17.4	1.0 (1.8)
Clothes, uniforms, tools, or other supplies and equipment (%)	5.7	3.7	2.0** (0.9)
Other (%)	3.4	4.3	-0.9 (0.8)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

II. Subgroup tables and key findings

Appendix Tables E.9 through E.13 show differences in service use between the WONDER and control groups for subgroups defined by reported baseline characteristics. Primary subgroups include: individuals of different ages—young adults (18 to 24 years old), adults (25 to 49 years old), and older adults (50 years and older); individuals with barriers to employment of varying degrees; individuals employed at any point or not employed at all in the 12 months before random assignment; individuals living in households with or without children; and individuals with income less than 50 percent of the FPL or with income greater than or equal to 50 percent of the FPL.

In each of the identified subgroups, participation rates in services within the 12-month follow-up period were generally higher for the WONDER group than for the control group. These contrasts in service use differed for several subgroups defined by recent employment history, presence of children in the household, and income, but not across subgroups defined by age and barriers to employment.

For the subgroups defined by recent employment, the WONDER–control group difference in the percentage of individuals who completed a career assessment test was statistically greater for individuals who had employment at some point in the 12 months before random assignment, relative to those who had no employment in this period (19 versus 6 percentage point difference). Similarly, the WONDER–control group difference in the percentage of individuals who received a supportive service, including mental health or substance use counseling, was also statistically greater for those with recent employment (13 versus 3 percent). WONDER group participation rates in other services were generally higher than those of the control group, but there were no statistical differences in this contrast across subgroups.

Across the subgroups defined by presence of children, the WONDER–control group difference in the percentage of individuals who received case management was statistically greater for individuals in households with children, relative to those in households without children (27 versus 17 percentage point difference). For other services, however, there were generally no statistical differences across the subgroups defined by presence of children. Across both presence of children subgroups, WONDER group members were more likely to participate in education or training programs, spend more time in the program, complete the program, and receive more support services, relative to control group members.

The WONDER–control group difference in receipt of case management was larger for individuals with income greater than or equal to 50 percent of the FPL than for individuals with income less than 50 percent of the FPL (30 versus 16 percent). There was a similar pattern of findings for the receipt of support services (22 versus 8 percent).

Table E.9. Service use, by age

Service	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	40.3	19.7	20.6*** (5.6)	49.4	33.1	16.3** (7.0)	59.7	34.2	25.5*** (8.2)
Completed career assessment tests (%)	28.5	13.8	14.7** (5.7)	33.9	18.6	15.3** (6.9)	41.6	19.0	22.5** (7.6)
Participated in job search training or assistance activities or education or training programs (%)	48.3	32.7	15.6*** (5.0)	50.2	36.2	13.9* (6.6)	45.1	37.7	7.4 (9.3)
Participated in job search training or assistance activities (%)	33.0	19.8	13.3*** (3.7)	43.7	29.4	14.4** (6.0)	40.8	25.5	15.3** (7.0)
Participated in education or training programs (%)	36.1	18.6	17.6*** (4.2)	25.4	15.2	10.2* (4.8)	25.1	16.9	8.1 (6.0)
Type of services received (%)									
General job skills training	19.1	8.1	11.0*** (3.4)	15.5	7.9	7.6* (3.6)	17.5	8.8	8.7 (6.2)
Occupational skills training	21.6	6.2	15.4*** (5.0)	16.4	9.3	7.1* (3.7)	8.3	9.0	-0.6 (5.8)
Adult basic education	14.0	9.2	4.8 (3.5)	7.4	7.1	0.3 (2.3)	11.1	11.3	-0.2 (5.7)
Work-based learning	1.0	0.3	0.7 (1.1)	0.3	0.0	0.3 (0.4)	1.2	0.0	1.2 (0.8)
On-the-job training	0.0	0.3	-0.3 (0.4)	0.2	0.0	0.2 (0.3)	0.0	0.0	0.0 (0.3)
General job skills training, occupational skills training, adult basic education, or work-based learning	35.7	16.8	18.9*** (4.2)	25.3	15.0	10.3* (4.9)	25.1	16.9	8.1 (6.1)

Table E.9. Service use, by age *(continued)*

Service	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Mean length of time spent in all activities and programs (months)	1.7	1.1	0.6 (0.3)	1.3	0.7	0.6* (0.3)	1.4	1.1	0.4 (0.5)
Percentage that completed the program (all activities) (%)	18.5	5.9	12.6*** (4.3)	13.3	8.2	5.2 (2.9)	12.1	7.7	4.4 (6.0)
Received certificate or degree/diploma (%)	7.4	2.1	5.3** (2.0)	7.5	3.8	3.6* (1.9)	5.0	0.0	5.0* (2.4)
Any support service	46.1	34.6	11.4** (5.0)	54.7	46.1	8.6* (4.1)	54.5	35.6	18.8 (13.3)
Any support service (excluding mental health or substance use counseling)	42.2	26.0	16.2** (5.8)	43.6	36.5	7.1* (4.0)	49.6	28.7	20.9* (11.1)
Sample size	207	169		710	770		121	108	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table E.10. Service use, by severity of barriers to employment

Service	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	51.7	29.2	22.4*** (7.4)	49.4	33.2	16.2*** (5.7)	44.2	36.5	7.7 (12.2)
Completed career assessment tests (%)	37.3	17.4	19.9** (7.3)	31.5	19.6	11.9* (5.8)	28.3	12.5	15.8 (12.2)
Participated in job search training or assistance activities or education or training programs (%)	51.4	37.2	14.3** (6.5)	46.9	34.3	12.5** (5.2)	45.7	40.6	5.1 (14.1)
Participated in job search training or assistance activities (%)	43.3	28.8	14.5** (5.5)	41.0	24.9	16.0*** (4.6)	34.5	36.5	-1.9 (12.1)
Participated in education or training programs (%)	29.9	17.0	13.0** (5.7)	24.8	15.0	9.8** (4.1)	32.7	12.6	20.1* (9.5)
Type of services received (%)									
General job skills training	17.1	8.6	8.4** (3.9)	17.7	6.4	11.3*** (3.9)	18.8	8.3	10.5 (6.3)
Occupational skills training	20.2	10.7	9.5** (4.0)	11.6	6.7	5.0* (2.5)	18.6	8.3	10.2 (7.3)
Adult basic education	7.9	6.5	1.4 (2.0)	9.7	8.5	1.2 (2.6)	17.0	12.6	4.4 (6.0)
Work-based learning	0.2	0.1	0.1 (0.6)	1.4	0.0	1.4** (0.6)	0.0	0.0	0.0 (0.7)
On-the-job training	0.0	0.1	-0.1 (0.4)	0.5	0.0	0.5 (0.4)	0.0	0.0	0.0 (0.6)
General job skills training, occupational skills training,	29.7	16.5	13.3** (5.6)	24.8	14.5	10.3** (4.3)	30.3	12.6	17.7 (9.7)

Table E.10. Service use, by severity of barriers to employment *(continued)*

Service	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
adult basic education, or work-based learning									
Mean length of time spent in all activities and programs (months)	1.5	0.9	0.6** (0.3)	1.2	0.7	0.5* (0.3)	2.1	0.8	1.3 (0.9)
Percentage that completed the program (all activities) (%)	16.5	9.3	7.1** (2.7)	12.4	5.9	6.4** (3.0)	15.1	0.0	15.1* (6.5)
Received certificate or degree/diploma (%)	8.4	4.4	4.1* (2.0)	6.0	2.0	3.9** (1.6)	2.6	0.0	2.6 (3.1)
Any support service	54.4	39.7	14.7** (5.7)	55.2	46.4	8.8* (4.6)	45.3	53.7	-8.4 (8.6)
Any support service (excluding mental health or substance use counseling)	45.6	33.4	12.2** (4.4)	45.9	35.5	10.4** (4.7)	31.2	36.5	-5.3 (5.3)
Sample size	665	666		309	322		65	56	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table E.11. Service use, by recent employment history

Service	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	49.2	28.6	20.5*** (2.6)	51.2	38.6	12.6*** (4.6)
Completed career assessment tests (%)	35.9	17.0	18.9*** (2.3)	27.1	21.6	5.5††† (3.9)
Participated in job search training or assistance activities or education or training programs (%)	49.0	36.0	13.0*** (2.7)	48.4	35.8	12.6*** (4.7)
Participated in job search training or assistance activities (%)	41.7	27.2	14.5*** (2.5)	41.7	29.5	12.2*** (4.5)
Participated in education or training programs (%)	27.1	16.2	10.9*** (2.1)	26.7	15.3	11.4*** (3.5)
Type of services received (%)						
General job skills training	16.2	8.0	8.2*** (1.7)	17.1	8.3	8.9*** (2.9)
Occupational skills training	17.5	9.0	8.5*** (1.7)	12.8	9.0	3.8 (2.6)
Adult basic education	8.4	7.2	1.2 (1.3)	10.7	8.7	2.1 (2.4)
Work-based learning	0.4	0.1	0.3 (0.2)	0.8	0.0	0.8 (0.5)
On-the-job training	0.0	0.1	-0.1 (0.1)	0.0	0.0	0.0 (0.0)
General job skills training, occupational skills training, adult basic education, or work-based learning	27.0	15.9	11.1*** (2.1)	26.3	14.7	11.5*** (3.4)
Mean length of time spent in all activities and programs (months)	1.3	0.8	0.5*** (0.1)	1.5	0.9	0.6** (0.3)

Table E.11. Service use, by recent employment history *(continued)*

Service	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Percentage that completed the program (all activities) (%)	14.9	8.3	6.7*** (1.7)	13.4	6.4	7.0*** (2.5)
Received certificate or degree/diploma (%)	8.0	3.7	4.3*** (1.2)	4.8	2.1	2.7* (1.6)
Any support service	53.6	40.7	13.0*** (2.7)	53.6	51.1	2.5† (5.0)
Any support service (excluding mental health or substance use counseling)	45.1	33.1	12.0*** (2.6)	42.7	37.4	5.3 (5.1)
Sample size	817	805		225	242	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table E.12. Service use, by presence of children

Service	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	48.1	21.7	26.5*** (4.2)	50.0	33.0	17.0***† (2.7)
Completed career assessment tests (%)	38.0	20.9	17.0*** (4.1)	33.2	17.6	15.6*** (2.3)
Participated in job search training or assistance activities or education or training programs (%)	47.4	32.6	14.9*** (4.8)	49.2	36.6	12.6*** (2.7)
Participated in job search training or assistance activities (%)	37.0	22.6	14.4*** (4.4)	43.0	28.8	14.2*** (2.6)
Participated in education or training programs (%)	29.3	16.3	13.0*** (3.8)	26.7	16.0	10.7*** (2.2)
Type of services received (%)						
General job skills training	16.9	5.8	11.1*** (2.6)	16.9	8.6	8.3*** (1.7)
Occupational skills training	16.9	11.1	5.9* (3.1)	16.2	8.6	7.6*** (1.7)
Adult basic education	10.6	5.5	5.1** (2.3)	8.8	8.1	0.7 (1.4)
Work-based learning	1.2	0.3	0.9 (0.6)	0.5	0.0	0.5** (0.2)
On-the-job training	0.0	0.3	-0.3 (0.2)	0.1	0.0	0.1†† (0.1)
General job skills training, occupational skills training, adult basic education, or work-based learning	29.0	16.3	12.7*** (3.7)	26.6	15.5	11.1*** (2.2)
Mean length of time spent in all activities and programs (months)	1.5	1.0	0.6** (0.3)	1.4	0.8	0.6*** (0.1)

Table E.12. Service use, by presence of children *(continued)*

Service	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Percentage that completed the program (all activities) (%)	15.3	7.3	8.0*** (2.8)	14.6	7.9	6.6*** (1.6)
Received certificate or degree/diploma (%)	6.8	3.7	3.1* (1.8)	7.4	3.2	4.2*** (1.1)
Any support service	57.5	45.9	11.6** (4.8)	52.9	42.2	10.6*** (2.7)
Any support service (excluding mental health or substance use counseling)	51.1	40.7	10.4** (4.8)	43.1	32.2	10.9*** (2.6)
Sample size	249	247		793	802	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table E.13. Service use, by monthly income as a percentage of poverty

Service	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Received career counseling or one-on-one assistance from employment professional or case manager (%)	48.8	32.9	15.9*** (2.7)	54.2	23.9	30.2***††† (4.4)
Completed career assessment tests (%)	33.4	18.3	15.1*** (2.3)	38.1	18.3	19.8*** (3.6)
Participated in job search training or assistance activities or education or training programs (%)	50.3	37.7	12.6*** (2.7)	46.5	30.5	15.9*** (4.7)
Participated in job search training or assistance activities (%)	42.9	29.1	13.8*** (2.6)	40.2	23.9	16.3*** (4.5)
Participated in education or training programs (%)	27.0	16.8	10.2*** (2.2)	29.1	13.1	16.0*** (3.3)
Type of services received (%)						
General job skills training	17.5	8.2	9.3*** (1.7)	15.4	7.9	7.5*** (2.7)
Occupational skills training	15.8	9.2	6.6*** (1.7)	19.3	8.1	11.2*** (2.9)
Adult basic education	8.9	8.3	0.6 (1.4)	8.1	4.9	3.2* (1.9)
Work-based learning	0.7	0.1	0.6** (0.3)	0.1	0.0	0.1†† (0.1)
On-the-job training	0.1	0.1	0.1 (0.1)	0.0	0.0	0.0 (0.0)
General job skills training, occupational skills training, adult basic education, or work-based learning	26.9	16.2	10.6*** (2.2)	28.8	13.1	15.7*** (3.3)
Mean length of time spent in all activities and programs (months)	1.4	0.9	0.5*** (0.1)	1.6	0.8	0.9*** (0.3)

Table E.13. Service use, by monthly income as a percentage of poverty *(continued)*

Service	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Percentage that completed the program (all activities) (%)	14.6	7.9	6.8*** (1.6)	15.3	8.0	7.2*** (2.8)
Received certificate or degree/diploma (%)	7.8	3.6	4.2*** (1.1)	5.5	2.3	3.1** (1.3)
Any support service	54.3	45.0	9.3*** (2.8)	55.0	34.9	20.1***†† (4.6)
Any support service (excluding mental health or substance use counseling)	43.7	35.6	8.1*** (2.7)	50.8	28.9	21.9***††† (4.4)
Sample size	780	766		250	258	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Appendix F

Impacts on employment, earnings, receipt of public assistance,
and well-being outcomes
(Chapter V supplementary tables)

I. Main tables for employment, earnings, and receipt of public assistance outcomes

Table F.1. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records

	WONDER group	Control group	Difference
Employment rate (%)			
Quarter 1	48.2	49.7	-1.5 (2.0)
Quarter 2	48.9	48.7	0.3 (2.0)
Quarter 3	48.5	48.7	-0.2 (2.0)
Quarter 4	44.7	48.2	-3.5* (2.0)
Year 1	69.8	69.9	-0.1 (1.9)
Average quarterly employment rate	47.6	48.8	-1.2 (1.6)
Total earnings (\$)			
Quarter 1	1,232	1,475	-242*** (86)
Quarter 2	1,545	1,707	-162 (100)
Quarter 3	1,729	1,851	-123 (110)
Quarter 4	1,773	1,819	-47 (113)
Year 1	6,279	6,852	-574* (339)
Sample size	1,057	1,066	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.2. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data

	WONDER group	Control group	Difference
Employment rate (%)			
Quarter 1	40.0	41.9	-1.9 (2.3)
Quarter 2	49.0	48.0	1.0 (2.3)
Quarter 3	51.1	49.4	1.7 (2.4)
Quarter 4	54.9	56.0	-1.1 (2.3)
Year 1	66.7	67.5	-0.8 (2.2)
Employed at the time of the survey interview	45.5	47.8	-2.3 (2.3)
Total earnings (\$)			
Quarter 1	1,863	2,237	-374** (157)
Quarter 2	2,512	2,775	-264 (176)
Quarter 3	2,691	2,899	-208 (174)
Quarter 4	2,799	2,987	-188 (171)
Year 1	9,864	10,899	-1,035* (603)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.3. Impacts on quarterly and year 1 average hours worked per week and number of jobs, based on 12-month survey data

	WONDER group	Control group	Difference
Average hours worked per week (#)			
Quarter 1	11.5	13.6	-2.1** (0.9)
Quarter 2	15.3	17.0	-1.7* (1.0)
Quarter 3	16.6	18.0	-1.4 (1.0)
Quarter 4	17.0	18.6	-1.6* (0.9)
Year 1	15.1	16.8	-1.7** (0.8)
Number of jobs held over the year (%)			
0	33.8	32.7	1.1 (2.2)
1	35.9	35.8	0.2 (2.3)
2	21.7	21.7	0.0 (1.9)
3	6.8	6.8	0.0 (1.1)
4	1.4	1.5	-0.1 (0.5)
5 or more	0.4	1.5	-1.2*** (0.4)
Mean	1.1	1.1	-0.1 (0.1)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.4a. Characteristics of current jobs, among individuals employed at the time of the interview and based on 12-month survey data

Characteristic	WONDER group	Control group	Difference
Hours worked per week (%)			
Less than 20	17.7	16.7	1.1 (2.5)
21 to 34	29.7	24.8	5.0 (3.0)
35 or more (employed full time)	52.5	58.6	-6.0* (3.3)
Average	32.8	34.6	-1.7** (0.8)
Weekly earnings (%)			
\$1 to \$499	70.4	66.7	3.7 (3.1)
\$500 to \$999	26.6	30.3	-3.7 (3.1)
\$1,000 to \$1,499	2.5	1.4	1.1 (0.9)
\$1,500 to \$2,000	0.4	1.1	-0.8* (0.4)
\$2,000 and above	0.2	0.5	-0.3 (0.2)
Benefits available at job (%)			
Any benefit	64.6	65.3	-0.7 (3.4)
Health insurance or HMO/PPO plan membership	50.3	49.3	0.9 (3.5)
Dental insurance	42.5	40.4	2.1 (3.4)
Paid vacation	45.9	44.8	1.1 (3.5)
Paid holidays	47.5	45.9	1.6 (3.5)
Paid sick leave	35.8	34.9	0.9 (3.4)
Any paid time off	55.5	55.1	0.4 (3.5)
Pension or retirement benefits	45.5	41.6	3.9 (3.5)
Tuition assistance or reimbursement	21.4	20.7	0.7 (2.8)
Type of employment (%)			
Regular full- or part-time	80.9	81.0	-0.1 (2.6)
Temporary or on-call	10.4	10.6	-0.2 (2.0)
Self-employed or independent contractor or consultant	5.3	4.9	0.4 (1.4)
Day laborer	3.5	3.5	-0.1 (1.1)
Occupation			
Retail Sales Workers	5.5	5.2	0.4 (1.2)
Material Moving Workers	5.0	3.5	1.4 (1.2)
Food and Beverage Serving Workers	2.6	4.8	-2.2* (1.1)
Cooks and Food Preparation Workers	4.4	4.2	0.1 (1.3)
Material Recording, Scheduling, Dispatching, and Distributing Workers	3.5	4.4	-0.9 (1.0)
Building Cleaning and Pest Control Workers	3.3	3.6	-0.2 (1.0)

Table F.4a. Characteristics of current jobs, among individuals employed at the time of the interview and based on 12-month survey data *(continued)*

Characteristic	WONDER group	Control group	Difference
Food Processing Workers	3.5	2.2	1.3 (0.9)
Information and Record Clerks	3.4	3.0	0.4 (1.0)
Motor Vehicle Operators	3.1	2.7	0.4 (0.9)
Other Personal Care and Service Workers	2.9	2.8	0.1 (0.8)
Sample size	504	508	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.4b. Characteristics of current jobs, among all individuals with 12-month survey data

Characteristic	WONDER group	Control group	Difference
Hours worked per week (%)			
0	54.4	53.4	1.0 (2.3)
1 to 20	8.7	7.9	0.9 (1.2)
21 to 34	13.5	11.4	2.1 (1.5)
35 or more (employed full time)	23.4	27.3	-3.9* (2.0)
Average	14.9	16.1	-1.2 (0.9)
Weekly earnings (%)			
\$0	55.0	54.0	1.0 (2.3)
\$1 to \$499	32.3	30.6	1.7 (2.2)
\$500 to \$999	11.3	14.0	-2.7* (1.6)
\$1,000 to \$1,499	1.2	0.7	0.6 (0.4)
\$1,500 to \$2,000	0.1	0.5	-0.4** (0.2)
\$2,000 and above	0.1	0.2	-0.1 (0.1)
Benefits available at job (%)			
Any benefit	28.5	30.0	-1.5 (2.1)
Health insurance or HMO/PPO plan membership	21.8	22.7	-0.9 (1.9)
Dental insurance	18.2	18.5	-0.3 (1.8)
Paid vacation	20.3	20.6	-0.3 (1.9)
Paid holidays	20.9	21.0	-0.1 (1.9)
Paid sick leave	15.5	15.9	-0.5 (1.8)
Any paid time off	24.5	25.4	-0.9 (2.0)
Pension or retirement benefits	20.1	19.2	0.8 (1.8)
Tuition assistance or reimbursement	9.4	9.5	-0.1 (1.4)
Type of employment (%)			
Not employed	54.5	53.4	1.2 (2.3)
Regular full- or part-time	36.8	37.7	-0.9 (2.2)
Temporary or on-call	4.6	5.0	-0.4 (0.9)
Self-employed or independent contractor or consultant	2.6	2.3	0.3 (0.7)
Day laborer	1.4	1.6	-0.2 (0.5)
Occupation			
Retail Sales Workers	2.5	2.4	0.1 (0.6)
Material Moving Workers	2.2	1.6	0.6 (0.5)

Table F.4b. Characteristics of current jobs, among all individuals with 12-month survey data *(continued)*

Characteristic	WONDER group	Control group	Difference
Food and Beverage Serving Workers	1.5	2.3	-0.9* (0.5)
Cooks and Food Preparation Workers	2.0	2.0	0.0 (0.6)
Material Recording, Scheduling, Dispatching, and Distributing Workers	1.6	2.0	-0.4 (0.5)
Building Cleaning and Pest Control Workers	1.6	1.7	-0.1 (0.4)
Food Processing Workers	1.5	1.0	0.5 (0.4)
Information and Record Clerks	1.4	1.4	0.1 (0.4)
Motor Vehicle Operators	1.5	1.2	0.3 (0.4)
Other Personal Care and Service Workers	1.4	1.3	0.1 (0.4)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.5. Impacts on quarterly SNAP participation rates, number of months of SNAP participation, and SNAP exit rates, based on SNAP administrative data

	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)			
Quarter 1	98.7	97.8	1.0*** (0.3)
Quarter 2	81.1	75.5	5.5*** (1.1)
Quarter 3	60.0	54.3	5.8*** (1.3)
Quarter 4	56.9	53.3	3.6*** (1.3)
SNAP participation among any other household members (%)			
Quarter 1	21.6	21.9	-0.3 (0.8)
Quarter 2	20.6	20.7	-0.1 (0.9)
Quarter 3	19.7	18.8	1.0 (0.9)
Quarter 4	19.6	19.4	0.2 (0.9)
SNAP participation by any individual in household ^a (%)			
Quarter 1	98.7	97.8	1.0*** (0.3)
Quarter 2	81.1	75.5	5.5*** (1.1)
Quarter 3	60.0	54.3	5.8*** (1.3)
Quarter 4	57.0	53.3	3.7*** (1.3)
Mean number of months of SNAP participation in the 12 months after random assignment (#)			
Among individuals enrolled in pilot	8.0	7.4	0.6*** (0.1)
Among any other household members	2.1	2.1	0.0 (0.1)
Among any individual in household ^a	8.0	7.4	0.6*** (0.1)
Exited SNAP within 12 months of random assignment (%)			
Among individuals enrolled in pilot	71.6	75.2	-3.6*** (1.1)
Among any other household members	13.1	13.9	-0.8 (0.8)
Among any individual in household ^a	72.9	76.2	-3.3*** (1.1)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Any individual in household includes the individual enrolled in the pilot and any other members of their household.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.6. Impacts on average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data

	WONDER group	Control group	Difference
Average SNAP benefits received (\$)			
Quarter 1	611	591	20*** (8)
Quarter 2	446	395	51*** (9)
Quarter 3	353	324	29*** (10)
Quarter 4	306	288	18* (10)
Year 1	1,716	1,598	119*** (30)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a			
Quarter 1	82.5	79.0	3.5*** (0.7)
Quarter 2	57.0	49.2	7.8*** (1.0)
Quarter 3	42.3	37.2	5.1*** (1.1)
Quarter 4	36.5	33.3	3.1*** (1.0)
Year 1	54.5	49.7	4.8*** (0.8)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.7. Impacts on quarterly TANF participation rates, TANF benefit amounts, and Medicaid coverage rates, based on SNAP administrative data

	WONDER group	Control group	Difference
TANF participation (%)			
Quarter 1	0.8	0.9	-0.1 (0.2)
Quarter 2	0.9	0.6	0.2 (0.2)
Quarter 3	0.8	1.0	-0.1 (0.2)
Quarter 4	1.2	0.9	0.2 (0.2)
Average TANF benefit amounts received (\$)			
Quarter 1	4	4	0 (1)
Quarter 2	5	4	1 (2)
Quarter 3	6	6	0 (2)
Quarter 4	6	7	-1 (2)
Medicaid coverage (%)			
Quarter 1	94.3	94.1	0.2 (0.6)
Quarter 2	89.4	89.6	-0.2 (0.8)
Quarter 3	84.7	85.7	-0.9 (1.0)
Quarter 4	81.2	82.6	-1.4 (1.0)
Sample size	2,672	2,672	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

Table F.8. Impacts on participation in other public assistance programs in the 12 months since random assignment, based on 12-month survey data

Program	WONDER group	Control group	Difference
Public assistance receipt in the 12 months since random assignment (%)			
General assistance	5.8	5.5	0.3 (1.0)
Unemployment insurance	9.6	11.1	-1.5 (1.3)
Supplemental Security Income	10.3	8.0	2.3* (1.3)
Section 8, Housing Choice Vouchers, or Public Housing Assistance	4.7	4.0	0.6 (0.9)
Medicaid	81.6	80.2	1.4 (1.9)
Supplemental Nutrition Program for Women, Infants, and Children (WIC)	9.4	8.1	1.3 (1.3)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

II. Subgroup tables and key findings for employment, earnings, and receipt of public assistance outcomes

This section presents impacts of WONDER on employment, earnings, and receipt of public assistance outcomes for select subgroups of individuals. Subgroups were based on individuals' age, barriers to employment, recent employment history, presence of children in the household, and income relative to the FPL.

The analyses presented in Chapter V showed that for the full sample, WONDER did not lead to an increase in employment in Quarter 4, and it increased the percentage of individuals participating in SNAP in Quarter 4. The analysis of impacts by subgroup generally mirrored these findings:

- The impacts on employment in Quarter 4 generally were not statistically different across subgroups. An exception was that among individuals who were employed in the 12 months before random assignment, WONDER group members had a lower likelihood of being employed in Quarter 4 than control group members based on UI data, whereas there was no statistical difference in employment for individuals who had no employment in this period (Appendix Table F.11).
- There were no significant impacts on SNAP participation in Quarter 4 across subgroups (Appendix Tables F.19 to F.24).

Subgroup findings based on impacts for other outcomes included the following:

- There were significant differences in impacts on earnings in Quarter 4 across subgroups defined by recent employment history and subgroups defined by the presence of children. There were negative impacts on earnings in Quarter 4 based on UI data for individuals with children in the household, but not for those without children (Appendix Table F.12). Based on survey data, there were generally no differences in impacts on earnings in Quarter 4 across subgroups.

Table F.9. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by age

	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)									
Quarter 1	57.6	53.2	4.4 (5.2)	46.4	49.0	-2.6 (2.4)	48.5	48.2	0.3 (8.4)
Quarter 2	53.6	53.3	0.3 (5.2)	47.4	48.1	-0.7 (2.4)	57.4	46.4	11.0 (8.5)
Quarter 3	51.9	48.9	2.9 (5.3)	46.6	48.8	-2.1 (2.4)	60.1	46.4	13.7* (8.0)
Quarter 4	50.2	52.7	-2.5 (5.3)	42.5	47.8	-5.3** (2.4)	50.3	44.6	5.7 (7.5)
Year 1	79.3	74.4	4.8 (4.6)	68.0	69.4	-1.4 (2.2)	72.2	62.5	9.8 (7.0)
Average quarterly employment rate	53.3	52.0	1.3 (4.1)	45.8	48.4	-2.7 (1.8)	54.1	46.4	7.7 (6.1)
Total earnings (\$)									
Quarter 1	1,093	1,150	-57 (177)	1,252	1,556	-305*** (105)	1,660	1,465	194 (349)
Quarter 2	1,326	1,272	54 (221)	1,575	1,832	-257** (123)	1,842	1,712	130 (364)
Quarter 3	1,547	1,236	311 (210)	1,739	1,989	-250* (133)	2,174	1,975	200† (410)
Quarter 4	1,676	1,439	237 (229)	1,770	1,905	-136 (138)	1,935	1,865	70 (381)
Year 1	5,642	5,097	545 (709)	6,335	7,283	-947** (414)	7,611	7,017	594 (1,265)
Sample size	211	192		764	794		81	79	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.10. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by severity of barriers to employment

	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)									
Quarter 1	54.3	55.6	-1.3 (2.7)	41.2	44.5	-3.3 (3.6)	32.3	25.4	6.9 (8.3)
Quarter 2	55.9	54.8	1.1 (2.7)	41.2	42.2	-1.1 (3.6)	23.2	29.0	-5.9 (7.8)
Quarter 3	56.4	55.3	1.2 (2.7)	38.8	41.4	-2.6 (3.5)	24.1	25.4	-1.3 (8.0)
Quarter 4	50.5	55.4	-4.9* (2.7)	37.9	40.0	-2.0 (3.4)	31.1	25.4	5.7 (8.9)
Year 1	76.1	77.0	-0.9 (2.3)	61.2	62.2	-1.0 (3.5)	55.5	45.4	10.1 (9.1)
Average quarterly employment rate	54.3	55.3	-1.0 (2.0)	39.8	42.0	-2.2 (2.7)	27.7	26.3	1.4 (5.4)
Total earnings (\$)									
Quarter 1	1,536	1,752	-216* (127)	826	1,190	-364*** (123)	434	543	-109 (197)
Quarter 2	1,932	2,100	-167 (148)	1,034	1,246	-213 (138)	292	761	-469** (210)
Quarter 3	2,207	2,325	-118 (164)	1,087	1,263	-176 (149)	469	680	-211 (225)
Quarter 4	2,187	2,292	-105 (166)	1,232	1,229	4 (161)	513	619	-105 (248)
Year 1	7,863	8,469	-606 (509)	4,180	4,928	-748 (457)	1,708	2,603	-895 (613)
Sample size	617	630		356	360		79	72	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.11. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by recent employment history

	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	53.6	55.0	-1.4 (2.4)	32.6	32.8	-0.1 (4.3)
Quarter 2	53.7	53.7	0.0 (2.4)	34.3	31.9	2.4 (4.4)
Quarter 3	53.2	54.3	-1.1 (2.4)	33.2	29.4	3.7 (4.2)
Quarter 4	48.3	53.7	-5.3** (2.4)	32.4	29.4	3.0† (4.0)
Year 1	74.7	75.4	-0.6 (2.0)	53.9	51.0	2.9 (4.5)
Average quarterly employment rate	52.2	54.2	-2.0 (1.8)	33.1	30.9	2.2 (3.3)
Total earnings (\$)						
Quarter 1	1,432	1,655	-223** (104)	697	896	-199 (134)
Quarter 2	1,754	1,922	-168 (121)	880	997	-117 (168)
Quarter 3	1,920	2,129	-209 (133)	1,072	922	151 (183)
Quarter 4	1,959	2,080	-122 (137)	1,148	943	205 (185)
Year 1	7,065	7,787	-722* (412)	3,797	3,756	41 (545)
Sample size	809	820		246	243	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.12. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by presence of children

	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	45.5	57.4	-11.9*** (4.5)	48.4	47.4	1.0††† (2.3)
Quarter 2	52.1	53.1	-1.0 (4.4)	47.8	47.2	0.5 (2.3)
Quarter 3	51.1	56.9	-5.8 (4.4)	47.5	46.4	1.1 (2.3)
Quarter 4	52.7	59.8	-7.1 (4.4)	42.7	45.2	-2.5 (2.3)
Year 1	71.2	78.0	-6.8* (3.8)	69.0	67.7	1.3† (2.1)
Average quarterly employment rate	50.4	56.8	-6.5* (3.3)	46.6	46.6	0.0† (1.8)
Total earnings (\$)						
Quarter 1	1,234	1,868	-634*** (205)	1,203	1,364	-161*†† (94)
Quarter 2	1,689	2,139	-450* (242)	1,498	1,593	-96 (109)
Quarter 3	1,969	2,533	-564** (259)	1,664	1,669	-4†† (121)
Quarter 4	1,996	2,507	-511* (270)	1,700	1,643	57† (124)
Year 1	6,888	9,048	-2,160*** (807)	6,065	6,269	-204†† (374)
Sample size	220	218		837	848	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.13. Impacts on quarterly and year 1 employment rates and total earnings, based on UI wage records, by monthly income as a percentage of poverty

	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	44.3	47.2	-2.9 (2.3)	64.9	61.5	3.3 (4.4)
Quarter 2	45.5	47.1	-1.6 (2.3)	64.0	55.9	8.1*† (4.7)
Quarter 3	44.7	46.4	-1.7 (2.3)	62.1	58.5	3.6 (4.5)
Quarter 4	40.9	45.9	-5.0** (2.3)	58.5	57.4	1.0 (4.6)
Year 1	66.9	68.5	-1.6 (2.2)	82.4	75.9	6.5*† (3.7)
Average quarterly employment rate	43.8	46.6	-2.8 (1.8)	62.3	58.3	4.0† (3.4)
Total earnings (\$)						
Quarter 1	1,042	1,358	-316*** (94)	2,071	2,076	-5 (217)
Quarter 2	1,362	1,608	-246** (108)	2,312	2,263	48 (253)
Quarter 3	1,577	1,733	-156 (121)	2,409	2,419	-10 (254)
Quarter 4	1,620	1,673	-53 (124)	2,454	2,510	-57 (284)
Year 1	5,601	6,372	-771** (372)	9,245	9,268	-23 (825)
Sample size	847	836		190	199	

Source: SNAP employment and training evaluation UI wage records, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.14. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by age

	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)									
Quarter 1	49.8	42.7	7.2 (6.0)	37.8	42.5	-4.7 (5.5)	34.3	35.1	-0.8 (8.2)
Quarter 2	56.6	48.2	8.4 (7.3)	46.9	50.0	-3.1 (5.3)	49.6	36.4	13.2 (10.0)
Quarter 3	55.3	52.1	3.3 (5.7)	49.5	50.7	-1.3 (5.5)	48.7	36.6	12.1 (8.1)
Quarter 4	59.5	61.4	-1.9 (6.8)	53.5	56.5	-3.0 (5.1)	51.4	41.9	9.5 (10.1)
Year 1	75.3	70.7	4.6 (6.3)	65.3	68.6	-3.3 (5.0)	58.7	57.2	1.5 (7.5)
Employed at the time of the survey interview	47.6	52.6	-5.0 (7.5)	46.1	47.7	-1.6 (3.9)	30.6	44.9	-14.3* (7.0)
Average earnings per week during the quarter (\$)									
Quarter 1	2,284	2,071	213 (343)	1,793	2,340	-547 (326)	1,518	1,969	-450 (653)
Quarter 2	2,627	2,425	202 (544)	2,473	2,967	-494 (419)	2,372	2,159	213 (764)
Quarter 3	2,672	2,541	131 (445)	2,678	3,105	-427 (307)	2,354	1,973	381 (771)
Quarter 4	2,478	2,811	-333 (378)	2,880	3,139	-260 (329)	2,424	2,148	276 (677)
Year 1	10,062	9,849	214 (1,512)	9,823	11,552	-1,728 (1,155)	8,668	8,249	419 (2,661)
Sample size	207	169		710	770		121	108	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.15. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by severity of barriers to employment

	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)									
Quarter 1	43.7	48.0	-4.3 (5.0)	35.1	35.6	-0.5 (4.6)	25.2	10.7	14.5 (9.4)
Quarter 2	54.6	54.7	-0.1 (4.6)	44.2	43.3	0.9 (4.7)	23.2	14.9	8.2 (8.3)
Quarter 3	56.6	56.8	-0.2 (5.4)	46.4	43.0	3.4 (4.9)	38.9	18.1	20.8** (8.4)
Quarter 4	61.6	64.0	-2.4 (5.3)	47.2	46.8	0.3 (4.9)	35.4	25.3	10.1 (12.4)
Year 1	73.7	76.4	-2.6 (4.4)	59.5	58.0	1.5 (5.0)	45.6	27.3	18.3 (10.5)
Employed at the time of the survey interview	53.5	57.2	-3.6 (3.9)	37.4	35.3	2.1 (5.0)	13.8	20.2	-6.4 (15.0)
Average earnings per week during the quarter (\$)									
Quarter 1	2,188	2,692	-505 (418)	1,362	1,718	-357 (247)	839	572	268 (760)
Quarter 2	2,969	3,328	-359 (447)	1,996	2,176	-181 (315)	761	721	39 (673)
Quarter 3	3,113	3,520	-407 (361)	2,132	2,171	-39 (364)	1,478	894	584 (832)
Quarter 4	3,343	3,677	-334 (366)	2,110	2,107	3 (357)	1,119	891	227 (706)
Year 1	11,613	13,217	-1,604 (1,416)	7,599	8,173	-574 (1,152)	4,197	3,079	1,118 (2,791)
Sample size	665	666		309	322		65	56	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.16. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by recent employment history

	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	43.3	47.3	-4.0 (2.7)	30.7	24.5	6.2†† (4.5)
Quarter 2	52.9	54.0	-1.1 (2.7)	38.9	28.7	10.2**†† (4.5)
Quarter 3	55.0	55.2	-0.1 (2.7)	40.5	30.2	10.3**†† (4.5)
Quarter 4	59.8	62.1	-2.3 (2.6)	39.5	35.9	3.7 (4.6)
Year 1	71.9	74.3	-2.4 (2.4)	50.9	45.7	5.2 (4.9)
Employed at the time of the survey interview	51.2	53.7	-2.6 (2.6)	27.3	28.4	-1.1 (4.2)
Average earnings per week during the quarter (\$)						
Quarter 1	2,081	2,623	-542*** (192)	1,170	1,015	155†† (211)
Quarter 2	2,818	3,225	-407* (216)	1,608	1,362	246† (267)
Quarter 3	2,967	3,340	-372* (210)	1,808	1,500	308† (282)
Quarter 4	3,150	3,481	-330 (210)	1,729	1,445	285† (249)
Year 1	11,017	12,668	-1,652** (737)	6,315	5,321	994†† (897)
Sample size	817	805		225	242	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.17. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by presence of children

	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	42.8	46.0	-3.1 (4.4)	39.1	40.5	-1.4 (2.6)
Quarter 2	57.9	55.0	2.9 (4.5)	46.8	46.2	0.6 (2.7)
Quarter 3	61.8	57.1	4.7 (4.6)	48.2	47.7	0.5 (2.7)
Quarter 4	64.1	65.0	-0.8 (4.3)	52.4	53.9	-1.5 (2.6)
Year 1	76.1	76.4	-0.3 (3.8)	64.4	65.1	-0.7 (2.5)
Employed at the time of the survey interview	58.0	58.7	-0.7 (4.3)	42.8	45.4	-2.6 (2.6)
Average earnings per week during the quarter (\$)						
Quarter 1	2,061	2,444	-383 (317)	1,784	2,199	-416** (179)
Quarter 2	3,012	3,439	-427 (364)	2,370	2,625	-256 (197)
Quarter 3	3,346	3,619	-272 (369)	2,505	2,746	-241 (197)
Quarter 4	3,542	3,877	-335 (372)	2,620	2,788	-168 (191)
Year 1	11,962	13,379	-1,416 (1,259)	9,279	10,359	-1,080 (684)
Sample size	249	247		793	802	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.18. Impacts on quarterly and year 1 employment rates and average earnings per week, based on 12-month survey data, by monthly income as a percentage of poverty

	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Employment rate (%)						
Quarter 1	38.2	38.7	-0.5 (2.6)	48.3	51.5	-3.2 (4.3)
Quarter 2	46.5	44.9	1.7 (2.7)	58.3	57.7	0.6 (4.5)
Quarter 3	47.7	45.9	1.8 (2.7)	62.5	60.4	2.1 (4.5)
Quarter 4	50.8	52.0	-1.2 (2.7)	69.1	69.2	-0.1 (3.9)
Year 1	63.6	63.7	-0.1 (2.6)	78.9	79.4	-0.5 (3.4)
Employed at the time of the survey interview	40.8	42.9	-2.1 (2.7)	63.9	64.0	-0.1 (4.6)
Average earnings per week during the quarter (\$)						
Quarter 1	1,780	2,079	-299* (172)	2,247	2,747	-499 (326)
Quarter 2	2,391	2,609	-218 (198)	3,023	3,260	-237 (353)
Quarter 3	2,496	2,713	-217 (197)	3,433	3,426	8 (353)
Quarter 4	2,532	2,743	-211 (194)	3,693	3,772	-79 (347)
Year 1	9,200	10,145	-945 (674)	12,397	13,204	-808 (1,225)
Sample size	780	766		250	258	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.19. Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per quarter and in year 1, based on SNAP administrative data, by age

	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)									
Quarter 1	97.4	96.7	0.7 (1.0)	99.0	98.0	0.9 (0.6)	99.0	98.4	0.6 (1.4)
Quarter 2	78.1	72.9	5.2* (2.9)	79.9	74.6	5.3** (2.2)	92.4	90.6	1.8 (3.3)
Quarter 3	51.7	50.3	1.4 (3.3)	59.1	53.1	6.0** (2.3)	80.5	73.8	6.7* (3.8)
Quarter 4	49.1	50.7	-1.6 (2.6)	56.1	51.7	4.3* (2.1)	79.7	73.8	5.8 (3.8)
Average monthly SNAP benefits received (\$)									
Quarter 1	587	571	16 (24)	621	603	18 (20)	544	526	17 (29)
Quarter 2	403	358	45 (29)	450	402	48* (24)	456	405	51 (40)
Quarter 3	291	279	12 (29)	359	333	26 (23)	372	344	28 (34)
Quarter 4	261	247	13 (27)	310	296	13 (20)	338	304	34 (31)
Year 1	1,541	1,456	86 (98)	1,740	1,634	105 (78)	1,709	1,579	130 (118)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a									
Quarter 1	80.3	77.6	2.7* (1.6)	83.1	79.6	3.5 (2.1)	81.9	78.3	3.6 (3.5)
Quarter 2	51.6	45.7	6.0** (2.9)	56.8	49.0	7.9** (2.9)	69.1	60.8	8.3 (5.2)
Quarter 3	33.6	32.8	0.8 (2.9)	42.4	36.8	5.6** (2.3)	56.3	52.3	4.0 (4.2)
Quarter 4	29.9	29.4	0.5 (2.3)	36.2	33.1	3.1* (1.7)	50.8	45.7	5.1 (3.7)
Year 1	48.7	46.4	2.3 (1.9)	54.6	49.6	5.0** (1.9)	64.5	59.3	5.2 (3.4)
Sample size	547	515		1,900	1,941		218	211	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.20. Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by severity of barriers to employment

	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)									
Quarter 1	98.5	97.8	0.7 (0.9)	99.4	97.5	1.9* (1.0)	97.5	98.4	-0.9 (1.3)
Quarter 2	80.7	76.9	3.8** (1.6)	81.0	74.1	6.9** (2.7)	80.6	68.9	11.7** (4.8)
Quarter 3	59.9	55.5	4.4* (2.3)	59.2	51.8	7.5* (3.9)	59.4	53.5	5.9* (3.2)
Quarter 4	56.9	54.1	2.8 (2.3)	56.3	51.6	4.6 (3.3)	57.0	53.6	3.4 (3.3)
Average monthly SNAP benefits received (\$)									
Quarter 1	609	595	14 (19)	613	583	30* (16)	588	602	-13 (43)
Quarter 2	444	406	39 (22)	443	375	68*** (23)	439	393	46 (39)
Quarter 3	352	333	20 (23)	349	304	45* (27)	335	345	-10 (50)
Quarter 4	304	293	10 (20)	308	275	33 (26)	279	294	-14 (38)
Year 1	1,709	1,626	83 (74)	1,714	1,536	177** (82)	1,642	1,634	8 (157)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a									
Quarter 1	80.7	77.2	3.5* (1.8)	85.0	81.4	3.6 (2.4)	83.6	81.7	2.0 (3.0)
Quarter 2	55.8	49.0	6.8*** (2.4)	58.0	49.1	8.9** (3.4)	59.6	49.8	9.8** (3.5)
Quarter 3	41.4	37.2	4.2* (2.1)	42.6	36.6	6.0* (3.1)	44.1	39.5	4.7 (3.5)
Quarter 4	35.3	33.1	2.2 (2.1)	37.1	33.2	3.9 (2.9)	38.2	33.1	5.0* (2.6)
Year 1	53.2	49.1	4.1** (1.6)	55.6	50.1	5.5** (2.5)	56.4	50.9	5.5** (2.4)
Sample size	1,559	1,574		876	885		229	204	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.21. Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by recent employment history

	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)						
Quarter 1	98.5	97.7	0.8** (0.4)	99.5	98.2	1.3*** (0.5)
Quarter 2	81.0	76.0	5.0*** (1.3)	81.1	74.0	7.2*** (2.3)
Quarter 3	60.3	54.3	6.0*** (1.5)	59.1	53.9	5.2** (2.6)
Quarter 4	57.3	53.2	4.1*** (1.5)	56.1	53.8	2.4 (2.6)
Average monthly SNAP benefits received (\$)						
Quarter 1	610	587	23*** (9)	615	604	11 (15)
Quarter 2	447	396	51*** (11)	444	389	55*** (18)
Quarter 3	358	325	33*** (12)	337	321	15 (20)
Quarter 4	313	287	26** (11)	284	291	-7 (19)
Year 1	1,728	1,595	133*** (35)	1,680	1,606	75 (60)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a						
Quarter 1	81.3	77.8	3.5*** (0.9)	86.2	82.5	3.7*** (1.4)
Quarter 2	56.3	48.9	7.4*** (1.2)	59.3	49.8	9.5*** (2.1)
Quarter 3	42.1	36.9	5.3*** (1.3)	43.0	38.2	4.8** (2.3)
Quarter 4	36.4	32.7	3.7*** (1.2)	36.5	35.1	1.4 (2.1)
Year 1	54.0	49.1	4.9*** (0.9)	56.1	51.5	4.7*** (1.5)
Sample size	1,998	2,012		671	655	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.22. Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by presence of children

	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)						
Quarter 1	98.8	98.6	0.2 (0.6)	98.7	97.6	1.1*** (0.4)
Quarter 2	88.4	86.8	1.6 (2.0)	79.3	72.7	6.5***†† (1.3)
Quarter 3	76.7	71.5	5.2* (2.7)	56.1	50.1	6.0*** (1.5)
Quarter 4	73.0	69.0	4.0 (2.8)	53.1	49.5	3.7** (1.5)
Average monthly SNAP benefits received (\$)						
Quarter 1	1,004	966	38 (30)	518	500	18*** (6)
Quarter 2	828	783	45 (35)	355	301	54*** (8)
Quarter 3	743	717	25 (38)	259	228	31*** (9)
Quarter 4	627	598	29 (35)	229	213	16* (9)
Year 1	3,202	3,064	138 (116)	1,362	1,242	120*** (25)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a						
Quarter 1	74.7	72.4	2.3 (1.7)	84.3	80.6	3.8*** (0.8)
Quarter 2	59.8	55.9	3.9* (2.1)	56.4	47.6	8.8***†† (1.2)
Quarter 3	52.3	49.8	2.5 (2.5)	39.9	34.1	5.8*** (1.3)
Quarter 4	44.2	41.5	2.7 (2.3)	34.6	31.4	3.2*** (1.2)
Year 1	57.7	54.8	2.9* (1.7)	53.8	48.4	5.3*** (0.8)
Sample size	510	522		2,162	2,150	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.23. Impacts on quarterly SNAP participation rates and average monthly SNAP benefit amount per Quarter and in Year 1, based on SNAP administrative data, by monthly income as a percentage of poverty

	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
SNAP participation by individual enrolled in pilot (%)						
Quarter 1	99.1	98.9	0.2 (0.3)	98.7	97.6	1.1 (0.8)
Quarter 2	79.9	74.3	5.6*** (1.3)	87.4	82.4	5.0** (2.2)
Quarter 3	58.2	52.3	5.9*** (1.5)	69.1	64.2	4.9* (2.9)
Quarter 4	55.2	51.9	3.3** (1.5)	66.1	61.0	5.1* (2.9)
Average monthly SNAP benefits received (\$)						
Quarter 1	619	609	10 (7)	590	545	44* (24)
Quarter 2	435	382	53*** (10)	510	455	55** (26)
Quarter 3	336	307	29*** (11)	431	403	28 (29)
Quarter 4	288	274	14 (10)	391	350	41 (27)
Year 1	1,678	1,572	107*** (32)	1,922	1,753	168* (88)
Average monthly SNAP benefits received as a percentage of maximum benefit amount ^a						
Quarter 1	88.6	85.8	2.8*** (0.7)	58.3	54.5	3.8* (2.0)
Quarter 2	59.5	50.7	8.8*** (1.2)	48.4	43.7	4.7** (2.3)
Quarter 3	43.4	37.7	5.7*** (1.3)	39.0	36.1	2.9 (2.4)
Quarter 4	36.8	33.7	3.1*** (1.2)	35.9	32.4	3.5 (2.3)
Year 1	57.0	51.9	5.0*** (0.8)	45.5	41.8	3.7** (1.8)
Sample size	2,116	2,094		510	510	

Source: SNAP employment and training evaluation SNAP administrative data, weighted data.

Note: Standard errors in parentheses.

^a Maximum household SNAP benefit amounts normalized by household size.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

III. Main tables for well-being outcomes

Table F.24. Impacts on food security, health, well-being, and housing status, based on 12-month survey data

Outcome	WONDER group	Control group	Difference
Food security ^a (%)			
Living in a household that is food insecure	57.0	55.2	1.7 (2.4)
Living in a household with very low food security	37.2	35.9	1.3 (2.3)
Health and well-being			
Reported “very good” or “excellent” health status (versus “fair” or “poor”) (%)	34.9	32.2	2.7 (2.3)
Screened positively for depression (%)	23.8	24.8	-0.9 (2.0)
Average self-esteem score (out of 5)	3.8	3.8	-0.1 (0)
Average self-efficacy score (out of 5)	3.5	3.5	0.0 (0)
Housing status (%)			
Owns or rents a home or an apartment	42.6	38.7	4.0* (2.2)
Lives with parents, relative, or friend	41.1	43.8	-2.7 (2.3)
Shares housing with roommates, friends, or partner	6.3	9.8	-3.5*** (1.2)
Group quarters	1.8	3.0	-1.2* (0.7)
Homeless	4.7	2.9	1.8** (0.8)
Incarcerated	0.0	0.0	0.0 (0.0)
Other, don’t know, or refused	3.4	1.8	1.7** (0.7)
Had housing 12 months after random assignment	95.2	97.1	-1.9** (0.9)
Sample size	1,042	1,049	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***Significantly different from zero at the .01 level, two-tailed test.

**Significantly different from zero at the .05 level, two-tailed test.

*Significantly different from zero at the .10 level, two-tailed test.

IV. Subgroup tables and key findings for well-being outcomes

This section presents impacts of WONDER on well-being outcomes for select subgroups of individuals. Subgroups were based on individuals' age, barriers to employment, recent employment history, presence of children in the household, and income relative to the FPL.

The analyses presented in Chapter V showed that for the full sample, WONDER did not affect the likelihood of being food insecure or having very low food security. These findings were similar across subgroups. For each set of subgroups, neither subgroup had statistically significant impacts, nor were the impacts statistically different between subgroups (Appendix Tables F.25 through F.29).

Table F.25. Impacts on food security, based on 12-month survey data, by age

	Age 18 to 24			Age 25 to 49			Age 50 or older		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Food security ^a (%)									
Living in a household that is food insecure	59.2	50.3	8.9 (7.2)	56.5	55.9	0.6 (5.5)	57.1	49.1	8.0 (8.4)
Living in a household with very low food security	34.3	35.5	-1.2 (5.6)	37.1	36.1	1.0 (4.9)	43.0	29.7	13.3 (10.4)
Sample size	207	169		710	770		121	108	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.26. Impacts on food security, based on 12-month survey data, by severity of barriers to employment

	Least barriers (employed in past 12 months and completed high school or equivalent)			Moderate barriers (not employed in past 12 months or completed less than high school or equivalent)			Greatest barriers (not employed in past 12 months and completed less than high school or equivalent)		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Food security ^a (%)									
Living in a household that is food insecure	56.8	51.4	5.4 (4.5)	54.5	60.6	-6.1 (4.8)	63.7	62.4	1.3 (11.7)
Living in a household with very low food security	36.9	34.3	2.6 (3.6)	34.8	37.7	-2.9 (3.9)	45.7	43.1	2.7 (8.6)
Sample size	665	666		309	322		65	56	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.27. Impacts on food security, based on 12-month survey data, by recent employment history

	Employed in 12 months prior to random assignment			Not employed in 12 months prior to random assignment		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Food security ^a (%)						
Living in a household that is food insecure	56.5	55.3	1.2 (2.7)	57.6	54.9	2.8 (5.0)
Living in a household with very low food security	35.6	36.5	-0.9 (2.6)	38.9	33.7	5.1 (4.9)
Sample size	817	805		225	242	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.28. Impacts on food security, based on 12-month survey data, by presence of children

	Individuals in households with children			Individuals in households without children		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Food security ^a (%)						
Living in a household that is food insecure	46.3	45.4	0.9 (4.9)	58.9	57.5	1.4 (2.7)
Living in a household with very low food security	25.4	29.6	-4.2 (4.2)	39.6	37.5	2.1 (2.6)
Sample size	249	247		793	802	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Table F.29. Impacts on food security, based on 12-month survey data, by monthly income as a percentage of poverty

	Lives in household with income less than 50 percent of the Federal poverty level			Lives in household with income greater than or equal to 50 percent of the Federal poverty level		
	WONDER group	Control group	Difference	WONDER group	Control group	Difference
Food security ^a (%)						
Living in a household that is food insecure	46.3	45.4	0.9 (4.9)	58.9	47.5	5.7 (4.9)
Living in a household with very low food security	38.7	37.6	1.1 (2.7)	33.4	29.0	4.5 (4.3)
Sample size	780	766		250	258	

Source: SNAP employment and training evaluation 12-month survey, weighted data.

Note: Standard errors in parentheses.

^a Food security measured over the 30 days prior to the survey interview.

***/**/* Difference between treatment and control group significantly different from zero at the 0.01/0.05/0.10 level, two-tailed test.

†††/†††/† Difference across subgroups significantly different at the 0.01/0.05/0.10 level, two-tailed test.

Appendix G
Analysis of costs
(Chapter VI supplementary tables)

Table G.1. Cost summary

Cost category	Total	Grant funded	Other resources
Total Pilot cost	\$8,089,520 100.0%	\$6,706,274 82.9%	\$1,383,247 17.1%
Planning period cost	\$971,424 12.0%	\$437,290 5.4%	\$534,134 6.6%
Ongoing cost	\$7,118,097 88.0%	\$6,268,984 77.5%	\$849,113 10.5%

Source: WONDER cost workbooks.

Note: The planning period occurred in the year after the FNS grant was awarded and before WONDER launched (April 2015 to January 2016). Service delivery costs represent the total reported in quarterly workbooks following the launch of WONDER. Cost workbooks asked for the total costs of the services provided to individuals in the WONDER group. For all costs reported in the workbooks, respondents were asked to report the percentage of the cost that was funded by the FNS grant. Remaining costs are assumed to be covered by other sources. All costs are presented in 2016 dollars.

Table G.2. Quarterly cost summary

Quarter of cost data collection ^a	Total	Grant funded	Other resources
Planning Period	\$971,424	\$437,290	\$534,134
Pilot services			
Month 1	\$248,686	\$227,823	\$20,863
Month 2	\$268,477	\$228,343	\$40,133
Month 3	\$426,971	\$384,385	\$42,586
Month 4	\$318,290	\$277,424	\$40,866
Month 5	\$233,553	\$183,306	\$50,247
Month 6	\$274,300	\$214,494	\$59,806
Month 7	\$271,273	\$207,617	\$63,657
Month 8	\$267,631	\$227,572	\$40,059
Month 9	\$270,422	\$221,123	\$49,299
Month 10	\$307,889	\$256,962	\$50,927
Month 11	\$262,538	\$227,913	\$34,626
Quarter 5	\$921,094	\$819,063	\$102,031
Quarter 6	\$967,715	\$876,517	\$91,197
Quarter 7	\$955,658	\$871,408	\$84,250
Quarter 8	\$1,123,600	\$1,045,034	\$78,566

Source: WONDER cost workbooks 2015-2017.

Note: Cost workbooks asked for the total costs of the services provided to individuals in the WONDER group. All costs are presented in 2016 dollars.

^aDSS and WONDER providers submitted monthly cost workbooks for the first year of data collection, and then switched to quarterly cost workbooks.

Table G.3. Pilot cost by resource category and percent of total

Resource Category	Total	Grant funded		Other resources	
Total cost	\$8,089,520	\$6,706,274	82.9%	\$1,383,247	17.1%
Staff costs	\$6,037,329	\$5,072,237	84.0%	\$965,092	16.0%
Staff costs	\$5,965,075	\$5,072,237	85.0%	\$892,837	15.0%
Administrative staff costs ^a	\$1,970,269	\$1,274,120	21.4%	\$696,149	11.7%
Direct service staff costs	\$3,994,806	\$3,798,117	63.7%	\$196,688	3.3%
Volunteer costs	\$72,254	\$0	0.0%	\$72,254	100.0%
Direct service costs	\$577,778	\$533,723	92.4%	\$44,055	7.6%
Direct partner and provider services	\$39,531	\$28,160	71.2%	\$11,371	28.8%
Support services	\$141,973	\$109,288	77.0%	\$32,684	23.0%
Other service contracts ^b	\$396,274	\$396,274	100.0%	\$0	0.0%
New pilot supplies and equipment costs	\$282,364	\$267,152	94.4%	\$15,212	5.6%
Supplies	\$273,687	\$258,474	94.4%	\$15,212	5.6%
Equipment	\$8,678	\$8,678	100.0%	\$0	0.0%
Other overhead-operating costs	\$1,192,049	\$833,162	69.9%	\$358,887	30.1%
Overhead	\$383,498	\$119,482	31.2%	\$264,016	68.8%
Facilities and utilities	\$708,506	\$613,634	86.6%	\$94,871	13.4%
Indirect costs	\$100,045	\$100,045	100.0%	\$0	0.0%

Source: WONDER cost workbooks 2015-2017.

Note: Cost workbooks asked for the total costs of the services provided to individuals in the WONDER group. For all costs reported in the workbooks, respondents were asked to report the percentage of the cost that was funded by the FNS grant. Remaining costs were assumed to be covered by other sources. One provider – Polytech – reported that all of their facilities and utilities costs were included in reported indirect costs. One provider – NCRC – used donated facilities to provide direct services. We used the square footage of the space used for services and the zip code to estimate a cost for these facilities. All costs are presented in 2016 dollars.

^a We used staff titles and primary responsibilities reported in the cost workbooks to categorize staff and their associated costs as administrative- or direct service-related.

^b Other service contracts represent costs paid by a partner or provider to another organization for a direct service. We assumed service contracts included all the costs of service, including staff, direct costs, supplies and equipment, and other overhead and operating costs. For example, Eastside Rising had a direct service contract with Worthey Solutions in Delaware.