### Connecting the Dots: Provider Networks of Youth Receiving Supplemental Security Income

#### **Technical Appendix**

March 26, 2014

Todd Honeycutt David Wittenburg



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Contract Number: PZ11050

Mathematica Reference Number: 06872.140

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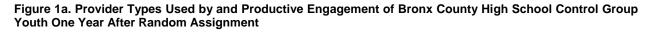
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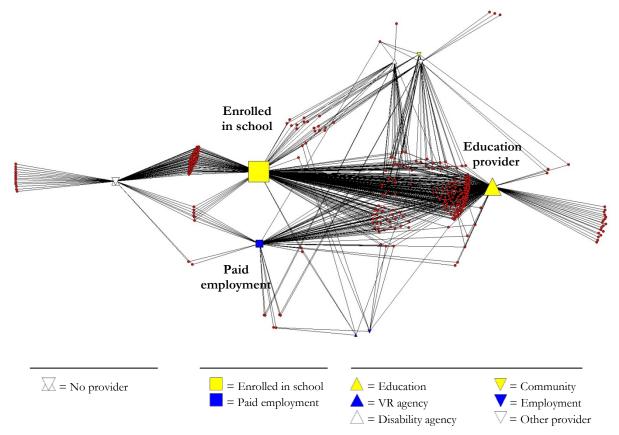
#### **FIGURES**

	Provider Types Used by and Productive Engagement of Bronx County High School Control Group Youth One Year After Random Assignment7
	Provider Types Used by and Productive Engagement of Bronx County High School Treatment Group Youth One Year After Random Assignment
	Provider Types Used by and Productive Engagement of Colorado High School Control Group Youth One Year After Random Assignment9
	Provider Types Used by and Productive Engagement of Colorado High School Treatment Group Youth One Year After Random Assignment10
	Provider Types Used by and Productive Engagement of Colorado Post- High School Control Group Youth One Year After Random Assignment11
	Provider Types Used by and Productive Engagement of Colorado Post- High School Treatment Group Youth One Year After Random Assignment
	Provider Types Used by and Productive Engagement of Erie County High School Control Group Youth One Year After Random Assignment
	Provider Types Used by and Productive Engagement of Erie County High School Treatment Group Youth One Year After Random Assignment
	Provider Types Used by and Productive Engagement of Erie County Post- High School Control Group Youth One Year After Random Assignment15
	Provider Types Used by and Productive Engagement of Erie County Post- High School Treatment Group Youth One Year After Random Assignment
C	Provider Types Used by and Productive Engagement of Miami-Dade County High School Control Group Youth One Year After Random Assignment
C	Provider Types Used by and Productive Engagement of Miami-Dade County High School Treatment Group Youth One Year After Random Assignment
C C	Provider Types Used by and Productive Engagement of Miami-Dade County Post-High School Control Group Youth One Year After Random Assignment
C	Provider Types Used by and Productive Engagement of Miami-Dade County Post-High School Treatment Group Youth One Year After Random Assignment

#### TABLES

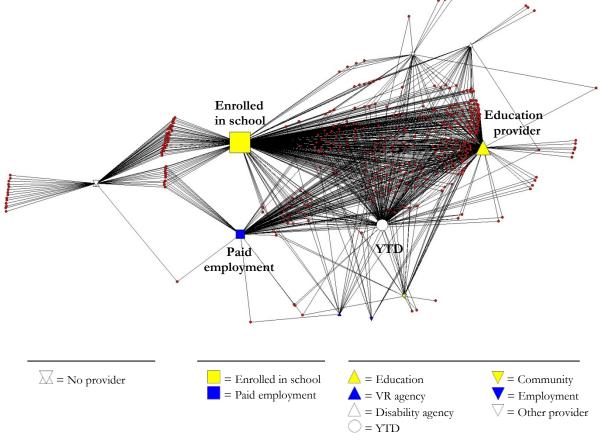
Table 1.	Provider Types Used by and Productive Engagement of Bronx High School Control and Treatment Group Youth One Year After Random Assignment	21
Table 2a.	Provider Types Used by and Productive Engagement of Colorado High School Control and Treatment Group Youth One Year After Random Assignment	22
Table 2b.	Provider Types Used by and Productive Engagement of Colorado Post- High School Control and Treatment Group Youth One Year After Random Assignment	23
Table 3a.	Provider Types Used by and Productive Engagement of Erie High School Control and Treatment Group Youth One Year After Random Assignment	24
Table 3b.	Provider Types Used by and Productive Engagement of Erie Post-High School Control and Treatment Group Youth One Year After Random Assignment	25
Table 4a.	Provider Types Used by and Productive Engagement of Miami High School Control and Treatment Group Youth One Year After Random Assignment	26
Table 4b.	Provider Types Used by and Productive Engagement of Miami Post-High School Control and Treatment Group Youth One Year After Random Assignment	27
Table 5a.	Provider Types Used by and Productive Engagement of West Virginia High School Control and Treatment Group Youth One Year After Random Assignment	28
Table 5b.	Provider Types Used by and Productive Engagement of West Virginia Post-High School Control and Treatment Group Youth One Year After Random Assignment	29





Note: N = 304. Figure shows the provider types (as triangles) and productive engagement types (as boxes) of high school control group youth (circles) in Bronx County. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

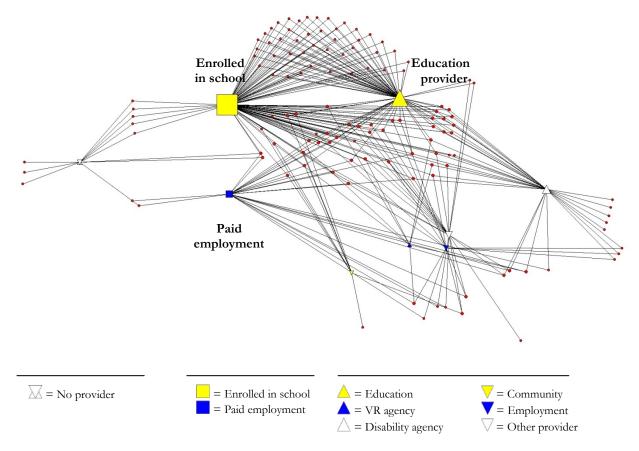
# Figure 1b. Provider Types Used by and Productive Engagement of Bronx County High School Treatment Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

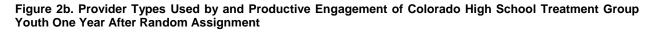
Note: N = 366. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of high school treatment group youth (circles) in Bronx County. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

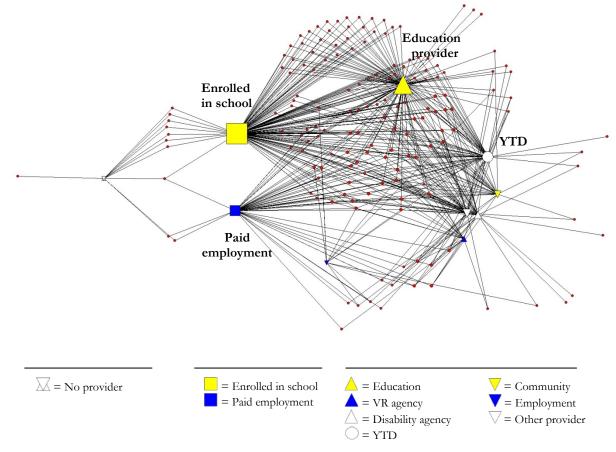
# Figure 2a. Provider Types Used by and Productive Engagement of Colorado High School Control Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

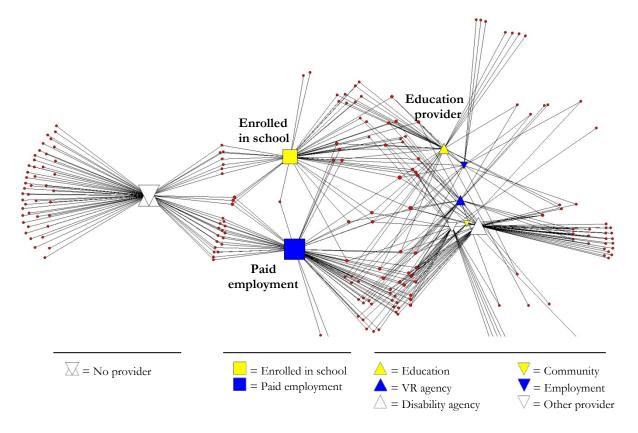
Note: N = 125. Figure shows the provider types (as triangles) and productive engagement types (as boxes) of high school control group youth (circles) in Colorado. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).





Note: N = 161. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of high school treatment group youth (circles) in Colorado. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

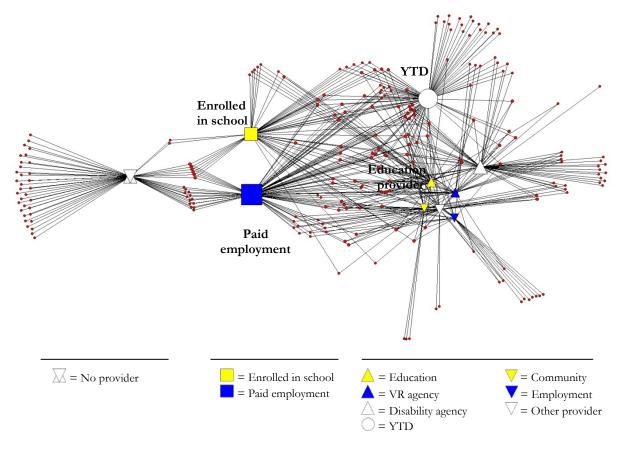
# Figure 2c. Provider Types Used by and Productive Engagement of Colorado Post-High School Control Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

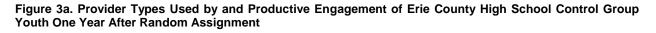
Note: N = 191. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school control group youth (diamonds) in Colorado. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

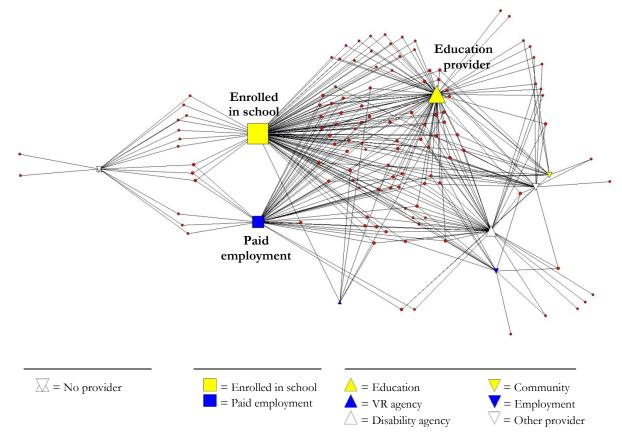
## Figure 2d. Provider Types Used by and Productive Engagement of Colorado Post-High School Treatment Group Youth One Year After Random Assignment



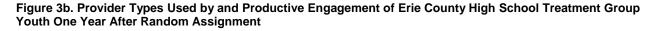
Source: YTD 12-month restricted access files.

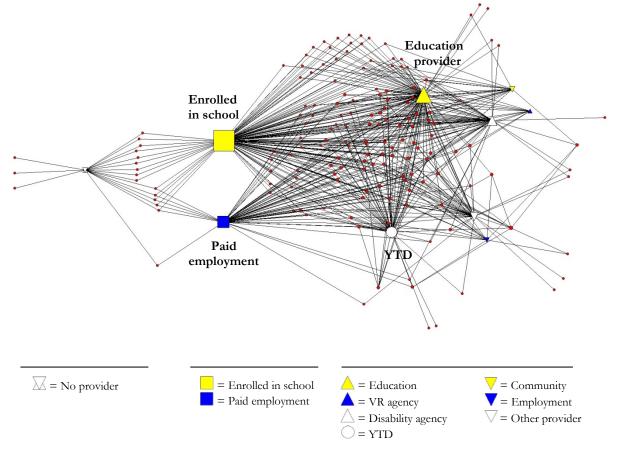
Note: N = 231. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school treatment group youth (diamonds) in Colorado. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).





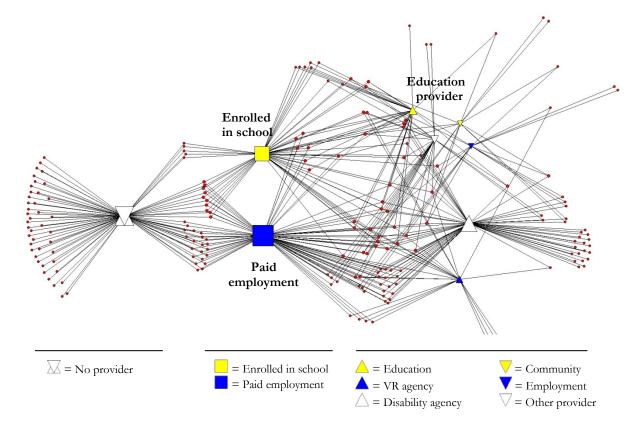
Note: N = 118. Figure shows the provider types (as triangles) and productive engagement types (as boxes) of high school control group youth (circles) in Erie County. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).





Note: N = 161. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of high school treatment group youth (circles) in Erie County. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

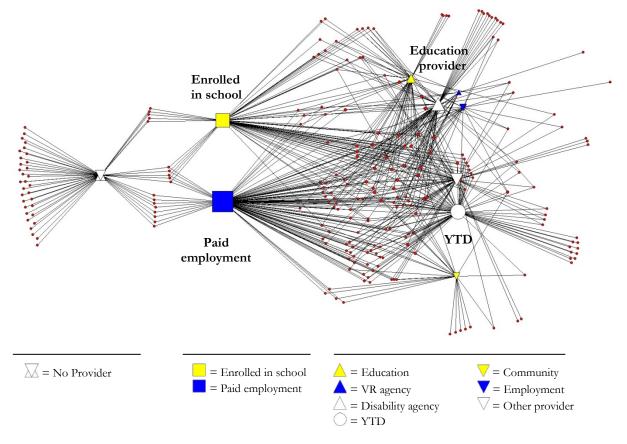
## Figure 3c. Provider Types Used by and Productive Engagement of Erie County Post-High School Control Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 198. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school control group youth (diamonds) in Erie County. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

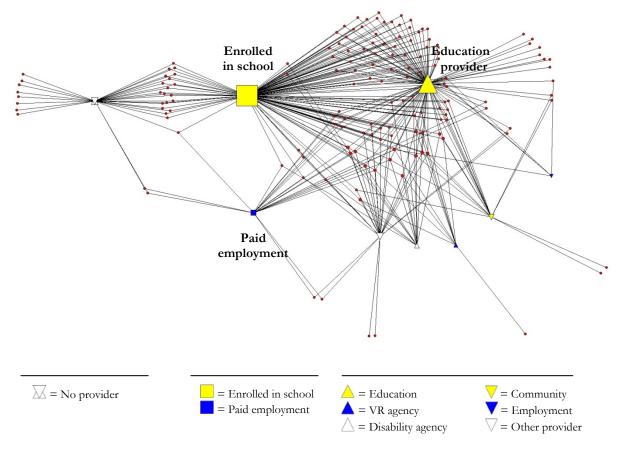
# Figure 3d. Provider Types Used by and Productive Engagement of Erie County Post-High School Treatment Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 235. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school treatment group youth (diamonds) in Erie County. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

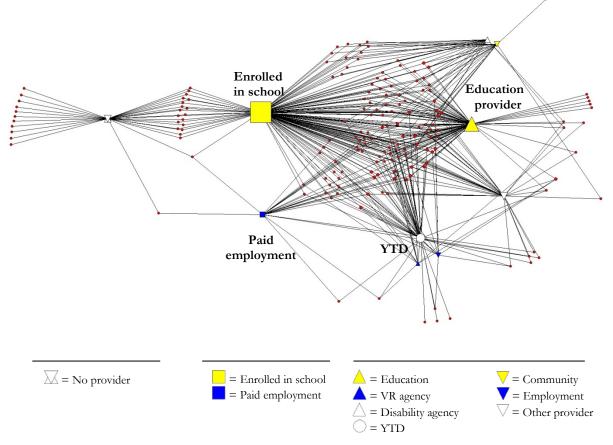
# Figure 4a. Provider Types Used by and Productive Engagement of Miami-Dade County High School Control Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 153. Figure shows the provider types (as triangles) and productive engagement types (as boxes) of high school control group youth (circles) in Miami-Dade County. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

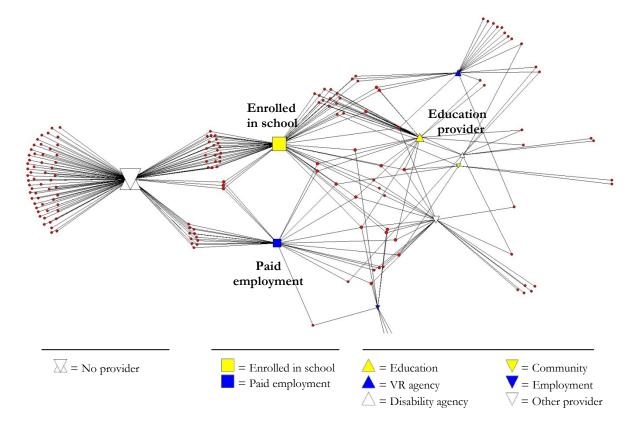
# Figure 4b. Provider Types Used by and Productive Engagement of Miami-Dade County High School Treatment Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 172. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of high school treatment group youth (circles) in Miami-Dade County. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

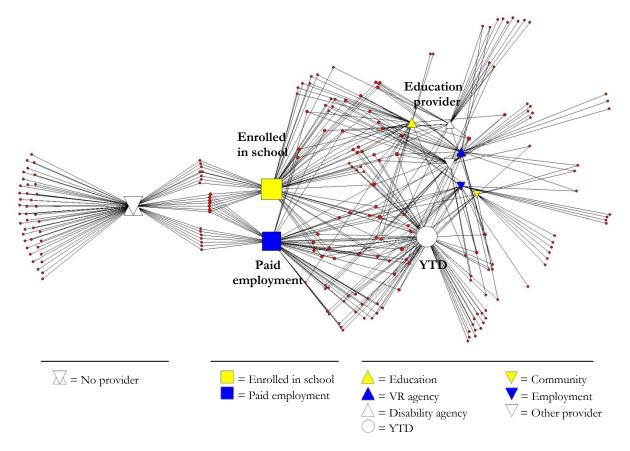
# Figure 4c. Provider Types Used by and Productive Engagement of Miami-Dade County Post-High School Control Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 160. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school control group youth (diamonds) in Miami-Dade County. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

# Figure 4d. Provider Types Used by and Productive Engagement of Miami-Dade County Post-High School Treatment Group Youth One Year After Random Assignment



Source: YTD 12-month restricted access files.

Note: N = 206. Figure shows the provider types (shown as triangles) and productive engagement types (boxes) of post-high school treatment group youth (diamonds) in Miami-Dade County. The YTD provider is shown as a white circle. Lines connect youth with the provider and engagement types they reported. The size of the provider and engagement shapes reflects the number of youth reporting connections. Youth reporting no services from a provider type are also shown (far left).

					Samp	le Siz	e								Perce	ntage				
	YTD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	ΥTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type		203		4	14	11	10	0	48	177		67%	0%	10/	5%	4%	6%	0%	16%	58%
Education VR agency	na na	203	1 5	4	14 2	11 0	19 0	0 0	48	4	na na	0%	0% 2%	1% 0%	5% 1%	4% 0%	0%	0%	16%	58% 1%
Employment services	na	4	0	7	2	0	0	0	4	4	na	1%	<b>2</b> %	2%	0%	0%	0%	0%	1%	2%
Disability agency	na	14	2	, 1	27	5	4	0	8	22	na	5%	1%	0%	9%	2%	1%	0%	3%	7%
Community	na	11	0	0	5	16	2	0	7	13	na	4%	0%	0%	2%	5%	1%	0%	2%	4%
Other provider	na	19	0	0	4	2	32	0	9	23	na	6%	0%	0%	1%	1%	11%	0%	3%	8%
No provider	na	0	0	0	0	0	0	69	8	54	na	0%	0%	0%	0%	0%	0%	23%	3%	18%
Productive Engagement Type																				
Paid employment in last 12 months	na	48	3	4	8	7	9	8	65	51	na	16%	1%	1%	3%	2%	3%	3%	21%	17%
Enrolled in school in last 12 months	na	177	4	6	22	13	23	54	51	252	na	58%	1%	2%	7%	4%	8%	18%	17%	83%
Treatment																				
Provider type																				
YTD	162	100	4	3	11	11	9	0	66	151	44%	27%	1%	1%	3%	3%	2%	0%	18%	41%
Education	100	215	6	4	16	17	16	0	72	199	27%	59%	2%	1%	4%	5%	4%	0%	20%	54%
VR agency	4	6	13	0	0	0	2	0	6	11	1%	2%	4%	0%	0%	0%	1%	0%	2%	3%
Employment services	3	4	0	8	0	2	0	0	1	8	1%	1%	0%	2%	0%	1%	0%	0%	0%	2%
Disability agency	11	16	0	0	31	2	1	0	8	26	3%	4%	0%	0%	8%	1%	0%	0%	2%	7%
Community	11	17	0	2	2	26	1	0	11	22	3%	5%	0%	1%	1%	7%	0%	0%	3%	6%
Other provider	9	16	2	0	1	1	31	0	10	26	2%	4%	1%	0%	0%	0%	8%	0%	3%	7%
No provider	0	0	0	0	0	0	0	58	12	43	0%	0%	0%	0%	0%	0%	0%	16%	3%	12%
Productive Engagement Type																				
Paid employment in last 12 months	66	72	6	1	8	11	10	12	115	106	18%	20%	2%	0%	2%	3%	3%	3%	31%	29%
Enrolled in school in last 12 months	151	199	11	8	26	22	26	43	106	321	41%	54%	3%	2%	7%	6%	7%	12%	29%	88%

Table 1. Provider Types Used by and Productive Engagement of Bronx High School Control and Treatment Group Youth One Year After Random Assignment

Source: YTD 12-month restricted access files.

Note: N = 304 (control group) and 366 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

					Samp	le Siz	e								Perce	ntage				
	YТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	ΥTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type Education	na	76	2	2	13	3	9	0	8	74	na	61%	2%	2%	10%	2%	7%	0%	6%	59%
VR agency	na	2	8	1	3	1	1	0	2	6	na	2%	6%	1%	2%	1%	1%	0%	2%	5%
Employment services	na	2	1	13	4	1	3	0	4	6	na	2%	1%	10%	3%	1%	2%	0%	3%	5%
Disability agency	na	13	3	4	31	0	4	0	6	19	na	10%	2%	3%	25%	0%	3%	0%	5%	15%
Community	na	3	1	1	0	9	2	0	2	7	na	2%	1%	1%	0%	7%	2%	0%	2%	6%
Other provider	na	9	1	3	4	2	22	0	7	13	na	7%	1%	2%	3%	2%	18%	0%	6%	10%
No provider	na	0	0	0	0	0	0	12	4	7	na	0%	0%	0%	0%	0%	0%	10%	3%	6%
Productive Engagement Type																				
Paid employment in last 12 months	na	8	2	4	6	2	7	4	25	14	na	6%	2%	3%	5%	2%	6%	3%	20%	11%
Enrolled in school in last 12 months	na	74	6	6	19	7	13	7	14	98	na	59%	5%	5%	15%	6%	10%	6%	11%	78%
Treatment																				
Provider type																				
YTD	55	38	10	3	12	10	14	0	21	42	34%	24%	6%	2%	7%	6%	9%	0%	13%	26%
Education	38	109	7	7	20	18	22	0	25	95	24%	68%	4%	4%	12%	11%	14%	0%	16%	59%
VR agency	10	7	19	2	7	4	7	0	14	10	6%	4%	12%	1%	4%	2%	4%	0%	9%	6%
Employment services	3	7	2	12	5	2	6	0	8	5	2%	4%	1%	7%	3%	1%	4%	0%	5%	3%
Disability agency	12	20	7	5	34	8	10	0	15	20	7%	12%	4%	3%	21%	5%	6%	0%	9%	12%
Community	10	18	4	2	8	28	9	0	10	20	6%	11%	2%	1%	5%	17%	6%	0%	6%	12%
Other provider	14	22	7	6	10	9	39	0	18	25	9%	14%	4%	4%	6%	6%	24%	0%	11%	16%
No provider	0	0	0	0	0	0	0	11	3	8	0%	0%	0%	0%	0%	0%	0%	7%	2%	5%
Productive Engagement Type																				
Paid employment in last 12 months	21	25	14	8	15	10	18	3	51	33	13%	16%	9%	5%	9%	6%	11%	2%	32%	20%
Enrolled in school in last 12 months	42	95	10	5	20	20	25	8	33	122	26%	59%	6%	3%	12%	12%	16%	5%	20%	76%

Table 2a. Provider Types Used by and Productive Engagement of Colorado High School Control and Treatment Group Youth One Year After Random Assignment

Source: YTD 12-month restricted access files.

Note: N = 125 (control group) and 161 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

Table 2b. Provider Types Used by and Productive Engagement of Colorado Post-High School Control and Treatm	nent Group Youth One Year After
Random Assignment	

					Samp	le Siz	e								Perce	ntage				
	ЧТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	ΥTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
<b>Provider type</b> Education VR agency	na na	29 5	5 27	3	4	0 2	3	0	10 12	17 7	na na	<b>15%</b> 3%	3% <b>14%</b>	2% 2%	2% 4%	0% 1%	2% 2%	0% 0%	5% 6%	9% 4%
Employment services Disability agency	na na	3 4	4 7	18 5	5 53	3 8	2 10	0 0	6 21	7 9	na na	2% 2%	2% 4%	<b>9%</b> 3%	3% <b>28%</b>	2% 4%	1% 5%	0% 0%	3% 11%	4% 5%
Community Other provider No provider	na na na	0 3 0	2 4 0	3 2 0	8 10 0	14 3 0	3 27 0	0 0 69	7 14 19	2 8 10	na na na	0% 2% 0%	1% 2% 0%	2% 1% 0%	4% 5% 0%	<b>7%</b> 2% 0%	2% <b>14%</b> 0%	0% 0% <b>36%</b>	4% 7% 10%	1% 4% 5%
Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months Treatment	na na	10 17	12 7	6 7	21 9	7 2	14 8	19 10	68 14	14 46	na na	5% 9%	6% 4%	3% 4%	11% 5%	4% 1%	7% 4%	10% 5%	<b>36%</b> 7%	7% <b>24%</b>
Provider type YTD Education VR agency Employment services Disability agency	87 14 9 11 26	14 38 8 4 6	9 8 32 4 11	11 4 28 2	26 6 11 2 57	9 4 8 3 11	10 10 3 6 14	0 0 0 0	38 19 13 12 21	21 30 9 6 4	<b>38%</b> 6% 4% 5% 11%	6% <b>16%</b> 3% 2% 3%	4% 3% <b>14%</b> 2% 5%	5% 2% 2% <b>12%</b> 1%	11% 3% 5% 1% <b>25%</b>	4% 2% 3% 1% 5%	4% 4% 1% 3% 6%	0% 0% 0% 0%	16% 8% 6% 5% 9%	9% 13% 4% 3% 2%
Community Other provider No provider	9 10 0	4 10 0	8 3 0	3 6 0	11 14 0	30 9 0	9 36 0	0 0 54	17 17 19	6 10 8	4% 4% 0%	2% 4% 0%	3% 1% 0%	1% 1% 3% 0%	5% 6% 0%	<b>13%</b> 4% 0%	4% <b>16%</b> 0%	0% 0% <b>23%</b>	7% 7% 8%	3% 4% 3%
Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months	38 21	19 30	13 9	12 6	21 4	17 6	17 10	19 8	93 23	23 53	16% 9%	8% 13%	6% 4%	5% 3%	9% 2%	7% 3%	7% 4%	8% 3%	<b>40%</b> 10%	10% <b>23%</b>

Note: N = 191 (control group) and 231 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

06872.140 Network Appendix

Table 3a. Provider Types Used by and Productive	e Engagement of Erie High	School Control and Treatmer	nt Group Youth One Year After R	andom
Assignment				

					Samp	ole Siz	e								Perce	entage				
	YТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	<b>T</b> D	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type Education VR agency Employment services Disability agency Community Other provider No provider Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months Treatment	na na na na na na	74 4 7 22 10 14 0 29 62	4 6 0 1 0 2 0 4 6	7 0 13 7 1 3 0 5 8	22 1 7 38 2 6 0 14 26	10 0 1 2 14 4 0 5 10	14 2 3 6 4 22 0 6 14	0 0 0 0 15 6 10	29 4 5 14 5 6 6 46 40	62 6 8 26 10 14 10 40 91	na na na na na na na	63% 3% 6% 19% 8% 12% 0% 25% 53%	3% <b>5%</b> 0% 1% 0% 2% 0% 3% 5%	6% 0% <b>11%</b> 6% 1% 3% 0% 4% 7%	19% 1% 6% <b>32%</b> 5% 0% 12% 22%	8% 0% 1% 2% <b>12%</b> 3% 0% 4%	12% 2% 3% 5% 3% <b>19%</b> 0% 5% 12%	0% 0% 0% 0% <b>13%</b> 5% 8%	25% 3% 4% 12% 4% 5% 5% <b>39%</b> 34%	53% 5% 7% 22% 8% 12% 8% 34% 77%
Provider type YTD Education VR agency Employment services Disability agency Community Other provider No provider	60 36 9 15 7 16 0	36 96 9 33 12 25 0	6 9 11 2 2 4 0	9 9 1 17 7 1 6 0	15 33 2 7 51 8 12 0	7 12 2 1 8 21 5 0	16 25 4 6 12 5 41 0	0 0 0 0 0 0 18	26 42 4 13 22 8 18 6	51 85 10 11 39 19 31 14	<b>37%</b> 22% 4% 6% 9% 4% 10% 0%	22% 60% 6% 20% 7% 16% 0%	4% 6% <b>7%</b> 1% 1% 2% 0%	6% 6% 1% <b>11%</b> 4% 1% 4% 0%	9% 20% 1% 4% <b>32%</b> 5% 7% 0%	4% 7% 1% 5% <b>13%</b> 3% 0%	10% 16% 2% 4% 7% 3% <b>25%</b> 0%	0% 0% 0% 0% 0% 11%	16% 26% 2% 8% 14% 5% 11% 4%	32% 53% 6% 7% 24% 12% 19% 9%
<b>Productive Engagement Type</b> Paid employment in last 12 months Enrolled in school in last 12 months	26 51	42 85	4 10	13 11	22 39	8 19	18 31	6 14	64 53	53 131	16% 32%	26% 53%	2% 6%	8% 7%	14% 24%	5% 12%	11% 19%	4% 9%	<b>40%</b> 33%	33% <b>81%</b>

Note: N = 118 (control group) and 161 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

					Samp	le Siz	e								Perce	ntage				
	ΥТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	YТD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type																				
Education	na	28	3	1	9	2	4	0	14	24	na	14%	2%	1%	5%	1%	2%	0%	7%	12%
VR agency	na	3	22	2	5	1	6	0	13	9	na	2%	11%	1%	3%	1%	3%	0%	7%	5%
Employment services	na	1	2	16	6	3	0	0	5	4	na	1%	1%	8%	3%	2%	0%	0%	3%	2%
Disability agency	na	9	5	6	66	5	9	0	30	17	na	5%	3%	3%	33%	3%	5%	0%	15%	9%
Community	na	2	1	3	5	14	5	0	5	4	na	1%	1%	2%	3%	7%	3%	0%	3%	2%
Other provider	na	4	6	0	9	5	25	0	13	10	na	2%	3%	0%	5%	3%	13%	0%	7%	5%
No provider	na	0	0	0	0	0	0	78	31	15	na	0%	0%	0%	0%	0%	0%	39%	16%	8%
Productive Engagement Type																				
Paid employment in last 12 months	na	14	13	5	30	5	13	31	88	31	na	7%	7%	3%	15%	3%	7%	16%	44%	16%
Enrolled in school in last 12 months	na	24	9	4	17	4	10	15	31	57	na	12%	5%	2%	9%	2%	5%	8%	16%	29%
Treatment																				

0

0

0

0

0

0

0

50

13

10

44

22

11

13

36

19

36

13

113

32

25

29

8

8

20

6

25

10

32

69

34%

5%

3%

4%

9%

3%

10%

0%

19%

11%

5%

2%

1%

4%

3%

8%

0%

9%

12%

17%

3%

2%

7%

1%

4%

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4%

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4%

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11%

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2%

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4%

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29%

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10%

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6%

3%

26%

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15%

11%

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0%

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21%

6%

4%

19%

9%

5%

6%

15%

8%

15%

6%

48%

14%

11%

12%

3%

3%

9%

3%

4%

11%

14%

29%

Table 3b. Provider Types Used by and Productive Engagement of Erie Post-High School Control and Treatment Group Youth One Year After Random Assignment

Source: YTD 12-month restricted access files.

79

12

7

10

22

23

44

25

0

8

12

40

4

3

10

7

18

0

22

29

7

4

16

3

10

1

9

0

11

8

10

3

3

25

11

4

7

0

13

8

22

10

10

11

67

4

15

0

36

20

8 23

7 18

1

4

4

8 62

0

19

6

28

9

7

15

8

0

36

25

Note: N = 198 (control group) and 235 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

Provider type

Education

VR agency

Community

No provider

Other provider

**Employment services** 

**Productive Engagement Type** Paid employment in last 12 months

Enrolled in school in last 12 months

**Disability agency** 

YTD

					Samp	le Siz	e								Perce	ntage				
	YTD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	YTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type																				
Education	na	107	8	5	9	15	18	0	14	92	na	70%	5%	3%	6%	10%	12%	0%	9%	60%
VR agency	na	8	10	1	4	1	3	0	2	9	na	5%	7%	1%	3%	1%	2%	0%	1%	6%
Employment services	na	5	1	5	0	0	0	0	1	4	na	3%	1%	3%	0%	0%	0%	0%	1%	3%
Disability agency	na	9	4	0	14	2	4	0	3	14	na	6%	3%	0%	9%	1%	3%	0%	2%	9%
Community	na	15	1	0	2	18	4	0	1	14	na	10%	1%	0%	1%	12%	3%	0%	1%	9%
Other provider	na	18	3	0	4	4	28	0	8	22	na	12%	2%	0%	3%	3%	18%	0%	5%	14%
No provider	na	0	0	0	0	0	0	30	3	20	na	0%	0%	0%	0%	0%	0%	20%	2%	13%
Productive Engagement Type																				
Paid employment in last 12 months	na	14	2	1	3	1	8	3	21	15	na	9%	1%	1%	2%	1%	5%	2%	14%	10%
Enrolled in school in last 12 months	na	92	9	4	14	14	22	20	15	121	na	60%	6%	3%	9%	9%	14%	13%	10%	79%
Treatment																				
Provider type																				
YTD	47	26	4	3	3	2	10	0	9	37	27%	15%	2%	2%	2%	1%	6%	0%	5%	22%
Education	26	89	7	5	12	15	24	0	14	78	15%	52%	4%	3%	7%	9%	14%	0%	8%	45%
VR agency	4	7	12	4	2	0	3	0	4	9	2%	4%	7%	2%	1%	0%	2%	0%	2%	5%
Employment services	3	5	4	14	2	1	6	0	3	11	2%	3%	2%	8%	1%	1%	3%	0%	2%	6%
Disability agency	3	12	2	2	22	4	2	0	4	20	2%	7%	1%	1%	13%	2%	1%	0%	2%	12%
Community	2	15	0	1	4	22	4	0	2	20	1%	9%	0%	1%	2%	13%	2%	0%	1%	12%
Other provider	10	24	3	6	2	4	39	0	6	28	6%	14%	2%	3%	1%	2%	23%	0%	3%	16%
No provider	0	0	0	0	0	0	0	31	2	19	0%	0%	0%	0%	0%	0%	0%	18%	1%	11%
Productive Engagement Type																				
Paid employment in last 12 months	9	14	4	3	4	2	6	2	24	19	5%	8%	2%	2%	2%	1%	3%	1%	14%	11%
Enrolled in school in last 12 months	37	78	9	11	20	20	28	19	19	136	22%	45%	5%	6%	12%	12%	16%	11%	11%	79%

Table 4a. Provider Types Used by and Productive Engagement of Miami High School Control and Treatment Group Youth One Year After Random Assignment

Source: YTD 12-month restricted access files.

Note: N = 153 (control group) and 172 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

					Samp	le Siz	9								Perce	ntage				
	ЧТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	ΥТD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type																				
Education	na	27	4	2	3	1	6	0	5	22	na	17%	3%	1%	2%	1%	4%	0%	3%	14
VR agency	na	4	19	0	2	1	2	0	0	6	na	3%	12%	0%	1%	1%	1%	0%	0%	4
Employment services	na	2	0	9	0	0	4	0	3	4	na	1%	0%	6%	0%	0%	3%	0%	2%	3
Disability agency	na	3	2	0	10	1	2	0	1	3	na	2%	1%	0%	6%	1%	1%	0%	1%	2
Community	na	1	1	0	1	7	2	0	2	3	na	1%	1%	0%	1%	4%	1%	0%	1%	2
Other provider	na	6	2	4	2	2	23	0	8	10	na	4%	1%	3%	1%	1%	14%	0%	5%	6
No provider	na	0	0	0	0	0	0	90	14	24	na	0%	0%	0%	0%	0%	0%	56%	9%	15
Productive Engagement Type																				
Paid employment in last 12 months	na	5	0	3	1	2	8	14	27	8	na	3%	0%	2%	1%	1%	5%	9%	17%	5
Enrolled in school in last 12 months	na	22	6	4	3	3	10	24	8	57	na	14%	4%	3%	2%	2%	6%	15%	5%	36
Treatment																				

Table 4b. Provider Types Used by and Productive Engagement of Miami Post-High School Control and Treatment Group Youth One Year After Random Assignment

Source: YTD 12-month restricted access files.

69

12

10

4

3

12

0

31

27

8

12

28

6

2

1

0

8

0

8

19

8

6

25

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4

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3

11

10

2

3

23

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0

10

9

4

1

7

2

23

1

5

0

4

8

3

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3

2

1

1 33

0

6 11

4 11

17

12

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4

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5

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62

14

15

31

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3

10

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11

14

62

26

27

19

11

9

8

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15

26

69

33%

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5%

2%

1%

6%

0%

15%

13%

6%

3%

1%

0%

0%

4%

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4%

9%

14%

4%

3%

12%

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3%

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7%

30%

13%

13%

9%

5%

4%

4%

2%

5%

7%

13%

33%

Note: N = 160 (control group) and 206 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

Provider type

Education

VR agency

Community

No provider

Other provider

**Employment services** 

**Productive Engagement Type** Paid employment in last 12 months

Enrolled in school in last 12 months

**Disability agency** 

YTD

Table 5a. Provider Types Used by and Productive	Engagement of West Virginia High	School Control and Treatment	t Group Youth One Year After
Random Assignment			

	Sample Size														Perce	ntage				
	ΥТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	ΥTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type Education VR agency Employment services Disability agency Community Other provider No provider Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months Treatment	na na na na na na na	<b>65</b> 9 6 2 14 0 12 57	9 <b>13</b> 1 2 0 2 0 3 9	6 1 <b>10</b> 1 1 3 0 4 6	6 2 1 <b>12</b> 0 5 0 5 7	2 0 1 0 4 1 0 0 3	14 2 3 5 1 <b>18</b> 0 7 12	0 0 0 0 <b>21</b> 5 15	12 3 4 5 0 7 5 <b>24</b> 16	57 9 6 7 3 12 15 16 <b>80</b>	na na na na na na na	64% 9% 6% 2% 14% 0% 12% 56%	9% <b>13%</b> 1% 2% 0% 2% 0% 3% 9%	6% 1% <b>10%</b> 1% 3% 0% 4% 6%	6% 2% 1% <b>12%</b> 0% 5% 0% 5% 7%	2% 0% 1% 0% 4% 1% 0% 0% 3%	14% 2% 3% 5% 1% <b>18%</b> 0% 7% 12%	0% 0% 0% 0% <b>21%</b> 5%	12% 3% 4% 5% 0% 7% 5% <b>24%</b> 16%	56% 9% 6% 7% 3% 12% 15% 16% <b>79%</b>
Provider type YTD Education VR agency Employment services Disability agency Community Other provider No provider Producting Engagement Type	<b>58</b> 37 9 2 11 2 18 0	37 <b>64</b> 7 5 15 4 16 0	9 7 16 1 2 3 8 0	2 5 1 <b>10</b> 0 1 4 0	11 15 2 0 <b>20</b> 1 4 0	2 4 3 1 1 <b>9</b> 3 0	18 16 8 4 3 <b>31</b> 0	0 0 0 0 0 0 10	33 27 11 5 8 5 22 2	48 60 15 5 15 8 26 6	51% 33% 8% 2% 10% 2% 16% 0%	33% <b>57%</b> 6% 4% 13% 4% 14% 0%	8% 6% 14% 1% 2% 3% 7% 0%	2% 4% 1% <b>9%</b> 0% 1% 4% 0%	10% 13% 2% 0% <b>18%</b> 4% 0%	2% 4% 3% 1% <b>8%</b> 3% 0%	16% 14% 7% 4% 3% <b>27%</b> 0%	0% 0% 0% 0% 0% <b>9%</b>	29% 24% 10% 4% 7% 4% 19% 2%	42% 53% 13% 4% 13% 7% 23% 5%
Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months	33 48	27 60	11 15	5 5	8 15	5 8	22 26	2 6	<b>50</b> 40	40 <b>88</b>	29% 42%	24% 53%	10% 13%	4% 4%	7% 13%	4% 7%	19% 23%	2% 5%	<b>44%</b> 35%	35% <b>78%</b>

Note: N = 101 (control group) and 113 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

06872.140 Network Appendix

Table 5b. Provider Types Used by and Productive Engagement of West Virginia Post-High School Control and Treatment Group Youth One Year After	r
Random Assignment	

	Sample Size														Perce	ntage				
	ΥТD	Education	VR agency	Employment services	Disability agency	Community	Other provider	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months	YTD	Education	VR agency	Employment services	Disability agency	Community	Other	No provider	Paid employment in last 12 months	Enrolled in school in last 12 months
Control																				
Provider type Education VR agency Employment services Disability agency Community Other provider No provider Productive Engagement Type Paid employment in last 12 months Enrolled in school in last 12 months Treatment	na na na na na na na	26 4 2 3 0 3 0 6 22	4 23 0 3 0 6 0 8 11	2 0 8 1 0 2 0 2 3	3 3 1 24 1 4 0 9 2	0 0 1 6 0 0 0	3 6 2 4 0 23 0 10 6	0 0 0 0 142 31 15	6 8 9 0 10 31 54	22 11 3 2 1 6 15 17 49	na na na na na na na	11% 2% 1% 1% 0% 1% 0% 3% 9%	2% <b>10%</b> 0% 1% 0% 3% 0% 4%	1% 0% <b>4%</b> 0% 1% 0%	1% 1% 0% <b>11%</b> 0% 2% 0% 4% 1%	0% 0% 0% <b>3%</b> 0% 0%	1% 3% 1% 2% 0% <b>10%</b> 0% 4% 2%	0% 0% 0% 0% <b>62%</b> 14% 6%	3% 4% 1% 4% 0% 14% <b>24%</b> 7%	10% 5% 1% 1% 0% 3% 7% 7% <b>20%</b>
Provider type YTD Education VR agency Employment services Disability agency Community Other provider No provider Productive Engagement Type	97 8 7 8 10 3 15 0	8 24 4 2 1 1 5 0	7 4 15 2 3 0 4 0	8 2 22 5 1 4 0	10 1 3 5 30 3 6 0	3 1 0 1 3 18 4 0	15 5 4 6 4 40 0	0 0 0 0 0 78	57 12 7 13 16 6 19 25	22 14 6 1 4 3 13 4	<b>39%</b> 3% 3% 4% 1% 6% 0%	3% 10% 2% 1% 0% 0% 2% 0%	3% 2% 6% 1% 1% 0% 2% 0%	3% 1% 1% <b>9%</b> 2% 0% 2% 0%	4% 0% 1% 2% <b>12%</b> 2% 0%	1% 0% 0% 1% <b>7%</b> 2% 0%	6% 2% 2% 2% 2% <b>16%</b> 0%	0% 0% 0% 0% 0% 0% <b>31%</b>	23% 5% 3% 6% 2% 8% 10%	9% 6% 2% 0% 2% 1% 5% 2%
Paid employment in last 12 months Enrolled in school in last 12 months	57 22	12 14	7 6	13 1	16 4	6 3	19 13	25 4	110 18	18 42	23% 9%	5% 6%	3% 2%	5% 0%	6% 2%	2% 1%	8% 5%	10% 2%	<b>44%</b> 7%	7% <b>17%</b>

Note: N = 228 (control group) and 250 (treatment group). Table shows number and percentage of youth reporting connections with provider and productive engagement types and how youth are involved with multiple such types. Bold type indicates number or percentage of all youth with that provider or productive engagement type; other numbers indicate youth with two types (the row and the column types).

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