

Training Other than Schooling-Revised

Grade 12/Year 13

Fast Track Project Technical Report

Cynthia Rains

June 29, 2004

Table of Contents

- I. Scale Descriptions
- II. Report Sample
- III. Scaling
- IV. Differences between Groups
- V. Recommendations for Use
- VI. Item and Scale Means and SDs
- VII. Item and Scale Correlations

Citations

Instrument

Bureau of Labor Statistics, U.S. Department of Labor. *National Longitudinal Survey of Youth 1997 cohort, 1997-2001 (round 1)*. Produced by the National Opinion Research Center, the University of Chicago and distributed by the Center for Human Resource Research, The Ohio State University. Columbus, OH.

Report

Rains, C. (2004). *Training Other than Schooling-Revised* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Data Sources

Raw: C13BH

Scored: TTR13

I. Scale Description

This measure is a series of questions documenting any training (business or trade schools, GED, apprenticeship programs, correspondence courses, government job training, etc.) that a youth might have experienced. These items are derived from the training section of the National Longitudinal Survey of 1997 from the U.S. Department of Labor's Bureau of Labor Statistics. Youth are first asked if, other than regular schooling, they had "attended any schooling, courses or training program designed to help people find a job, improve their job skills, or learn a new job." If they respond "no" to this first question, then the measure ends at that point. If they answer "yes," then the youth are asked about the number of different programs in which they have participated. They are then given the opportunity to answer questions about two of the programs. Questions about the programs include the name of the program, the start and end dates of their participation in the program, the type of training program, whether a training allowance was given and how much it was for, reasons for participating in the training program, whether the program was completed by the youth and reasons for not completing it, and the skills learned. In year 13, an additional section was added to this measure. This last section of the measure asks the youth who had participated in at least one training program whether, in the past 12 months, they had received specific types of training in 14 different areas (such as time management, money management, etc.). For each of these more specific training questions, if the youth answered "no," then the measure continued to the next type of training. If the youth responded "yes," the youth were then asked a set of five more yes/no questions about that training: 1) did the school provide this service?, 2) did work provide this service?, 3) did a church or religious organization provide this service, 4) did a community organization provide this service?, 5) did any other organization provide this service and, if so, which one was it? This cycle of questions continues until the end of the measure.

II. Report Sample

These analyses were conducted on the data collected on the first cohort of the high-risk control sample (n=155) and the normative sample (n=387, N=463 with overlap) from the thirteenth year of the study. Of these, 127 students were missing the complete measure. Fifty-three of the control students (8 from Durham, 19 from Nashville, 11 from Pennsylvania, and 15 from Washington) were missing the complete measure and 109 from the normative sample (17 from Durham, 42 from Nashville, 20 from Pennsylvania, and 30 from Washington) were missing the complete measure, with overlap between the normative and control groups. None of the missing data was used in the analyses.

III. Scale Description

No scales were created for this measure. However, for item 6 (how many training programs have you participated in), responses of “skip” were recoded to ‘0’ to accurately enforce the skip pattern and to reflect the number of respondents who did not participate in a training program.

Many of the items had yes/no response options. Several questions asked about a specific amount of money or the name of a program. For four items, the youth were given a list of options from which to choose their response. When asked about the type of school or training program they attended, the youth had 14 response options from which they had to choose one. Options included business school, nursing school, GED program, and government training. If they chose government training or “other” training program, the youth were asked to specify what the program was. The youth were also asked for what reason they enrolled in the training program and their response options for this item were: “wanted to get a job,” “wanted to get a better job,” “Juvenile Court made me go,” “required by TANF (Welfare Reform),” “didn’t know what else to do,” and “other.” If the youth did not complete the training program, they were offered a list of 13 response options from which they had to choose one to detail why they did not complete the training program. These response options included “found a job,” “transportation problems,” “problems with child care,” and “lost interest.” If the youth chose the option of “other,” they were asked to specify the reason. Finally, the youth were asked to note what skills they learned in the training program and were offered the choice to choose as many as applied to their situation. The skill choices were: “upgrade your computer skills,” “upgrade your reading and/or writing skills,” “upgrade your mathematical skills,” “upgrade your skills in working as a team or problem solving,” “how to operate or repair equipment,” “how to be a more effective sales person,” or “none of the above.”

In addition, the data on the different training programs a youth attended were analyzed based on a second dataset with each training program providing an observation, rather than each child. There were data on a total of 48 training programs, with 45 students providing data.

IV. Differences between Groups

A chi-square test of response frequency on one item, C13BHintr (other than regular schooling, have you ever attended any training programs), did not result in a significant difference between the normative and control samples.

Training Other than Schooling--Student-Level Data Y13

Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
Since last summer, have you attended any schooling, courses or training program designed to help people find a job, improve their job skills, or learn a new job? (C13BHintr)	0.12	0.16	1	0.66	0.415	336

An independent t-test to assess differences between the normative sample and the high-risk control sample for one item in the student level data, C13BH02 (how many different training programs have you participated in), did not result in any significant difference for this item.

Comparison of Means for Normative and Control for Training Other than Schooling								
Variable	Label	Normative		Control		DF	t Value	Pr > |t|
		Mean	Std Dev	Mean	Std Dev			
C13BH02	How many different schooling, courses or training programs have you participated in?	0.13	0.36	0.17	0.40	334	0.77	0.4432

Chi-square tests of response frequency on the training program dataset for the normative group and the control group resulted in no significant values for any of the variables.

Training Other than Schooling--Program Data Y13							
Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N	
	Normative Proportions	Control Proportions					
Are you currently attending the program? (TTR13ATT)	0.32	0.29	1	0.04	0.839	48	
Did you receive a training allowance to participate in the program? (TTR13ALL)	0.23	0.06	1	2.20	0.138	48	
Did you complete this program? (TTR13COM)	1.16	1.06	2	2.07	0.355	48	
Which of these skills did you learn?-update your computer skills (TTR13CSK)	0.45	0.35	1	0.44	0.507	48	
Which of these skills did you learn?-update your reading &/or writing skills (TTR13RWS)	0.39	0.38	1	0.01	0.936	47	
Which of these skills did you learn?-update your mathematical skills (TTR13MSK)	0.42	0.44	1	0.01	0.905	47	
Which of these skills did you learn?-update your skills in working as a team or problem solving (TTR13TWS)	0.65	0.59	1	0.15	0.697	48	
Which of these skills did you learn?-learn to operate or repair equipment (TTR13ORE)	0.42	0.47	1	0.12	0.732	48	
Which of these skills did you learn?-how to be a more effective salesperson (TTR13ESP)	0.35	0.24	1	0.73	0.393	48	
Which of these skills did you learn?-how to do automobile or diesel repair (TTR13AUT)	0.19	0.24	1	0.12	0.733	48	
Which of these skills did you learn?-how to be a heavy equipment operator (TTR13HEO)	0.16	0.12	1	0.17	0.682	48	
Which of these skills did you learn?-how to be a cook or chef (TTR13CHF)	0.06	0.00	1	1.14	0.285	48	
Which of these skills did you learn?-how to be a cosmetologist/hair dresser (TTR13COS)	0.06	0.12	1	0.41	0.524	48	

A chi-square test of response frequency on the student level data did not result in significant differences between the normative and control samples for any of the items. One item (*Dressing for Employment—did the school provide this service?*) approached significance ($p = 0.07$), with students in the control sample scoring higher than those in the normative sample. A number of the cell frequencies were too low to get a chi square statistic.

Training Other than Schooling--Student-Level Data Y13						
Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
In the past 12 months did you receive any training or attend classes in time management? (C13BH11)	0.41	0.19	1	2.38	0.123	45
(Time Management) Did school provide this service? (C13BH11a)	0.92	1.00	1	0.27	0.605	15
(Time Management) Did work provide this service? (C13BH11b)	0.08	0.00	1	0.27	0.605	15
(Time Management) Did a church or religious organization provide this service? (C13BH11c)	0.00	0.00	.	.	.	15
(Time Management) Did a community organization provide this service? (C13BH11d)	0.08	0.00	1	0.27	0.605	15
(Time Management) Did any other organization provide this service? (C13BH11e)	0.00	0.00	.	.	.	15
In the past 12 months did you receive any training or attend classes in money management (ex budgeting moneys, opening a bank account, balancing a checkbook, obtaining a credit card)? (C13BH12)	0.21	0.19	1	0.02	0.876	45
(Money Management) Did school provide this service? (C13BH12a)	1.00	0.67	1	2.25	0.134	9
(Money Management) Did work provide this service? C13BH12b)	0.00	0.00	.	.	.	9
(Money Management) Did a church or religious organization provide this service? (C13BH12c)	0.00	0.00	.	.	.	8
(Money Management) Did a community organization provide this service? (C13BH12d)	0.00	0.00	.	.	.	8
(Money Management) Did any other organization provide this service? (C13BH12e)	0.00	0.33	1	1.90	0.168	8
In the past 12 months did you receive any training or attend classes in buying a car? (C13BH13)	0.03	0.00	1	0.56	0.453	45
(Buying a Car) Did school provide this service? (C13BH13a)	1.00	.	.	.	.	1
(Buying a Car) Did work provide this service? (C13BH13b)	0.00	.	.	.	.	1
(Buying a Car) Did a church or religious organization provide this service? (C13BH13c)	0.00	.	.	.	.	1
(Buying a Car) Did a community organization provide this service? (C13BH13d)	0.00	.	.	.	.	1
(Buying a Car) Did any other organization provide this service? (C13BH13e)	0.00	.	.	.	.	1
In the past 12 months did you receive any training or attend classes in dressing oneself appropriately for employment? (C13BH14)	0.34	0.38	1	0.04	0.840	45
(Dressing for Employment) Did school provide this service? (C13BH14a)	0.60	1.00	1	3.20	0.074	16
(Dressing for Employment) Did work provide this service? (C13BH14b)	0.10	0.00	1	0.54	0.464	15
(Dressing for Employment) Did a church or religious organization provide this service? (C13BH14c)	0.00	0.00	.	.	.	16
(Dressing for Employment) Did a community organization provide this service? (C13BH14d)	0.10	0.00	1	0.64	0.424	16
(Dressing for Employment) Did any other organization provide this service? (C13BH14e)	0.10	0.00	1	0.64	0.424	16
In the past 12 months did you receive any training or attend classes in buying and preparing food? (C13BH15)	0.00	0.06	1	1.85	0.173	45
(Buying and Preparing Food) Did school provide this service? (C13BH15a)	.	1.00	.	.	.	1
(Buying and Preparing Food) Did work provide this service? (C13BH15b)	.	0.00	.	.	.	1
(Buying and Preparing Food) Did a church or religious organization provide this service? (C13BH15c)	.	0.00	.	.	.	1

Training Other than Schooling--Student-Level Data Y13

Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
(Buying and Preparing Food) Did a community organization provide this service? (C13BH15d)	.	0.00	.	.	.	1
(Buying and Preparing Food) Did any other organization provide this service? (C13BH15e)	.	0.00	.	.	.	1
In the past 12 months did you receive any training or attend classes in finding a place to live? (C13BH16)	0.03	0.06	1	0.19	0.662	45
(Finding a Place to Live) Did school provide this service? (C13BH16a)	1.00	1.00	.	.	.	2
(Finding a Place to Live) Did work provide this service? (C13BH16b)	.	0.00	.	.	.	1
(Finding a Place to Live) Did a church or religious organization provide this service? (C13BH16c)	.	0.00	.	.	.	1
(Finding a Place to Live) Did a community organization provide this service? (C13BH16d)	.	0.00	.	.	.	1
(Finding a Place to Live) Did any other organization provide this service? (C13BH16e)	.	0.00	.	.	.	1
In the past 12 months did you receive any training or attend classes in taking care of a home (home maintenance, home repair, cleaning, etc)? (C13BH17)	0.03	0.06	1	0.19	0.662	45
(Taking Care of a Home) Did school provide this service? (C13BH17a)	1.00	1.00	.	.	.	2
(Taking Care of a Home) Did work provide this service? (C13BH17b)	.	0.00	.	.	.	1
(Taking Care of a Home) Did a church or religious organization provide this service? (C13BH17c)	.	0.00	.	.	.	1
(Taking Care of a Home) Did a community organization provide this service? (C13BH17d)	.	0.00	.	.	.	1
(Taking Care of a Home) Did any other organization provide this service? (C13BH17e)	.	0.00	.	.	.	1
In the past 12 months did you receive any training or attend classes in using community resources such as libraries or recreation facilities? (C13BH18)	0.07	0.19	1	1.47	0.226	45
(Using Community Resources) Did school provide this service? (C13BH18a)	1.00	0.67	1	0.83	0.361	5
(Using Community Resources) Did work provide this service? (C13BH18b)	0.00	0.00	.	.	.	4
(Using Community Resources) Did a church or religious organization provide this service? (C13BH18c)	0.00	0.00	.	.	.	4
(Using Community Resources) Did a community organization provide this service? (C13BH18d)	0.00	0.00	.	.	.	4
(Using Community Resources) Did any other organization provide this service? (C13BH18e)	0.00	0.00	.	.	.	4
In the past 12 months did you receive any training or attend classes in how to handle stressful situations? (C13BH19)	0.28	0.13	1	1.36	0.244	45
(Handle Stressful Situations) Did school provide this service? (C13BH19a)	0.88	1.00	1	0.28	0.598	10
(Handle Stressful Situations) Did work provide this service? (C13BH19b)	0.29	0.00	1	0.73	0.391	9
(Handle Stressful Situations) Did a church or religious organization provide this service? (C13BH19c)	0.00	0.00	.	.	.	9
(Handle Stressful Situations) Did a community organization provide this service? (C13BH19d)	0.14	0.00	1	0.32	0.571	9
(Handle Stressful Situations) Did any other organization provide this service? (C13BH19e)	0.00	0.00	.	.	.	9

Training Other than Schooling--Student-Level Data Y13

Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
In the past 12 months did you receive any training or attend classes in conflict management? (C13BH20)	0.28	0.25	1	0.04	0.851	45
(Conflict Management) Did school provide this service? (C13BH20a)	0.88	1.00	1	0.55	0.460	12
(Conflict Management) Did work provide this service? (C13BH20b)	0.14	0.00	1	0.63	0.428	11
(Conflict Management) Did a church or religious organization provide this service? (C13BH20c)	0.00	0.00	.	.	.	11
(Conflict Management) Did a community organization provide this service? (C13BH20d)	0.14	0.00	1	0.63	0.428	11
(Conflict Management) Did any other organization provide this service? (C13BH20e)	0.00	0.00	.	.	.	11
In the past 12 months did you receive any training or attend classes in problem solving skills? (C13BH21)	0.34	0.44	1	0.38	0.539	45
(Problem Solving Skills) Did school provide this service? (C13BH21a)	0.80	1.00	1	1.59	0.208	17
(Problem Solving Skills) Did work provide this service? (C13BH21b)	0.22	0.00	1	1.78	0.182	16
(Problem Solving Skills) Did a church or religious organization provide this service? (C13BH21c)	0.00	0.00	.	.	.	16
(Problem Solving Skills) Did a community organization provide this service? (C13BH21d)	0.11	0.00	1	0.83	0.362	16
(Problem Solving Skills) Did any other organization provide this service? (C13BH21e)	0.00	0.00	.	.	.	16
In the past 12 months did you receive any training or attend classes in expressing feelings and understanding others? (C13BH22)	0.21	0.25	1	0.11	0.739	45
(Expressing Feelings) Did school provide this service? (C13BH22a)	0.67	1.00	1	1.67	0.197	10
(Expressing Feelings) Did work provide this service? (C13BH22b)	0.20	0.00	1	0.90	0.343	9
(Expressing Feelings) Did a church or religious organization provide this service? (C13BH22c)	0.00	0.00	.	.	.	9
(Expressing Feelings) Did a community organization provide this service? (C13BH22d)	0.20	0.00	1	0.90	0.343	9
(Expressing Feelings) Did any other organization provide this service? (C13BH22e)	0.00	0.00	.	.	.	9
In the past 12 months did you receive any training or attend classes in accepting and giving praise and criticism? (C13BH23)	0.14	0.13	1	0.01	0.903	45
(Praise and Criticism) Did school provide this service? (C13BH23a)	1.00	1.00	.	.	.	6
(Praise and Criticism) Did work provide this service? (C13BH23b)	0.33	0.00	1	0.83	0.361	5
(Praise and Criticism) Did a church or religious organization provide this service? (C13BH23c)	0.00	0.00	.	.	.	5
(Praise and Criticism) Did a community organization provide this service? (C13BH23d)	0.00	0.00	.	.	.	5
(Praise and Criticism) Did any other organization provide this service? (C13BH23e)	0.00	0.00	.	.	.	5
In the past 12 months did you receive any training or attend classes in foreseeing the consequences of your actions? (C13BH24)	0.21	0.19	1	0.02	0.876	45
(Foreseeing the Consequences) Did school provide this service? (C13BH24a)	1.00	1.00	.	.	.	9
(Foreseeing the Consequences) Did work provide this service? (C13BH24b)	0.20	0.00	1	0.69	0.408	8

Training Other than Schooling--Student-Level Data Y13						
Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
(Foreseeing the Consequences) Did a church or religious organization provide this service? (C13BH24c)	0.00	0.00	.	.	.	8
(Foreseeing the Consequences) Did a community organization provide this service? (C13BH24d)	0.00	0.00	.	.	.	8
(Foreseeing the Consequences) Did any other organization provide this service? (C13BH24e)	0.00	0.00	.	.	.	8

The tables in the following section of the report concern the type of training program attended by the students, the student's reason for enrolling in the training program, and the student's reason for not completing the program and are based on the data in the program-level dataset. At the time of the administration of this measure, twelve normative students and five control students were currently attending a training program, while a total of 34 normative students and 16 control students had attended a training program since the previous summer.

What type of school or training program [is/was] it? (TTR13TYP)				
Reason	Normative		Control	
	Frequency	Percent	Frequency	Percent
Business or Secretarial (1)	2	6	0	0
Vocational, Technical, or Trade (2)	16	44	12	71
Vocational Rehabilitation Center (5)	1	3	0	0
Adult Basic Education (pre-GED) (6)	1	3	0	0
GED program (7)	1	3	1	6
Formal company training run by employer (9)	2	6	0	0
Seminar/Training program run by someone other than employer (10)	3	8	0	0
Seminar/Training program outside of work (11)	2	6	0	0
Government Training (13)	1	3	0	0
Other (14)	7	19	4	24

While a number of students from both samples cited "wanted a job" and "other" as a main reason for wanting to participate in a training program, a number of students also cited "wanted a better job" and "didn't know what else to do" as other reasons for participating in a training program.

Which of the reasons on this card was the main reason you enrolled in this training program? (TTR13ENR)				
Reason	Normative		Control	
	Frequency	Percent	Frequency	Percent
Wanted to get a job (1)	11	31	5	29
Wanted to get a better job (2)	7	19	5	29
Didn't know what else to do (5)	1	3	1	6
Other (6)	17	47	6	35

Twenty-one normative students and eight control students completed a training program. In addition, ten normative students and five control youths were still attending a training program at the time this measure was administered. For those that did not complete a training program, they were asked for the reason for not completing the program. The majority of students who did not complete a training program cited “other” as their main reason for not completing the program.

What was the main reason you did not complete this program? (TTR13DNC)				
Reason	Normative		Control	
	Frequency	Percent	Frequency	Percent
Found a job (1)	0	0	1	25
Transferred to another program (6)	1	25	0	0
Too much time required (9)	0	0	1	25
Asked to leave or expelled (12)	1	25	0	0
Other (13)	2	50	2	50

Eight students from the normative sample and one student from the control sample in year 13 received any allowance for participating in a training program.

V. Recommendations for Use

Analysts should note that the total numbers of students completing this measure are low. Since the students were in the twelfth grade, it appeared that few have had exposure yet to training programs other than their regular schooling.

Also, analysts should note that a second dataset had to be created, using the original data, in order to examine the data for each training program in a more comprehensive manner.

VI. Item and Scale Means and SDs

Means can be found in the tables in the previous sections.

VII. Item and Scale Correlations

No correlations were calculated for this technical report.