



WIOA STATISTICAL ADJUSTMENT MODEL - VARIABLES

Data Elements used in the WIOA Statistical Adjustment Model

WIOA National Performance Training

Module 10 – Statistical Adjustment Module (Supplement)

Chicago & Dallas

April/May 2019

Table 1. Explanatory Variables on Participant Characteristics

<i>Variables based on Participant Characteristics</i>	Related PIRL Element(s)	Variable Included (By Program)			
		Adult	DW	Youth	WP
<i>Female</i>	201	x	x	x	x
<i>Age 14 to 15</i>	200			x	
<i>Age 16 to 17</i>	200			x	
<i>Age 18 to 19</i>	200			x	
<i>Age 20 to 21</i>	200			x	
<i>Age 25 to 44</i>	200	x	x		x
<i>Age 45 to 54</i>	200	x	x		x
<i>Age 55 to 59</i>	200	x	x		x
<i>Age 60+</i>	200	x	x		x
<i>Hispanic Ethnicity</i>	210	x	x	x	x
<i>Race: Asian</i>	212	x	x	x	x
<i>Race: Black</i>	213	x	x	x	x
<i>Race: Hawaiian/Pacific Islander</i>	214	x	x	x	x
<i>Race: American Indian or Native Alaskan</i>	211	x	x	x	x
<i>Race: More than one</i>	210-215	x	x	x	x
<i>Highest grade completed: Less than High School graduate</i>	408	x	x	x	x
<i>Highest grade completed: High school equivalency</i>	408	x	x	x	x
<i>Highest grade completed: Some college</i>	408	x	x	x	x
<i>Highest grade completed: Certificate or Other Post-Secondary Degree</i>	408	x	x	x	x
<i>Highest grade completed: Associate degree</i>	408	x	x		x
<i>Highest grade completed: Bachelor degree</i>	408	x	x		x
<i>Employed at participation</i>	400	x	x	x	x
<i>School status at participation</i>	409	x	x	x	x
<i>Individual with a disability</i>	202	x	x	x	x
<i>Veteran</i>	300	x	x		x
<i>Had earnings in 2nd preprogram quarter</i>	1701	x	x		x
<i>Median wage in 2nd preprogram quarter</i>	1701	x	x		x

Variables based on Participant Characteristics (cont.)	Related PIRL Element(s)	Variable Included (By Program)			
		Adult	DW	Youth	WP
<i>Received services financially assisted under the Wagner-Peyser Act</i>	918	x	x	x	
<i>Limited English-language proficiency</i>	803	x	x	x	
<i>Single parent</i>	806	x	x		
<i>Low income</i>	802	x	x	x	
<i>TANF recipient</i>	600	x	x	x	
<i>Homeless</i>	800	x	x	x	
<i>Offender</i>	801	x	x	x	
<i>Unemployment insurance claimant, non-exhaustee</i>	401	x	x	x	
<i>Unemployment insurance claimant, exhaustee</i>	401	x	x	x	
<i>Received supportive services</i>	409	x	x		
<i>Received needs-related payments</i>	1500	x	x	x	
<i>Received intensive services</i>	1200	x	x		
<i>Received training services</i>	1300	x	x	x	
<i>Established Individual Training Account (ITA)</i>	1319	x	x		
<i>Pell grant recipient</i>	1320	x	x	x	
<i>Received pre-vocational activity services</i>	1210	x	x		
<i>Days in program</i>	900, 901	x	x	x	x
<i>School status at exit</i>	1812			x	
<i>Pregnant or parenting youth</i>	701			x	
<i>Youth who needs additional assistance</i>	702			x	
<i>Youth enrolled in education at or during program participation</i>	409			x	
<i>Youth with basic literacy skills deficiency (at or below 8th grade)</i>	804			x	
<i>Youth that is or was in foster care</i>	704			x	
<i>Youth that received educational achievement services</i>	1402			x	
<i>Youth that received employment opportunities</i>	1102			x	
<i>Youth that received supportive services</i>	1409			x	
<i>Average educational functioning level for Youth participants</i>	1905,1908			x	
<i>Average standardized pre-test score</i>	1904			x	
<i>Average standardized post-test score</i>	1907			x	
<i>Out of School Youth</i>	405, 905			x	

Table 2. Explanatory Variables on Economic Conditions

<i>Economic Variables based on BLS Super-Sectors and Unemployment Rate</i>	Definition
<i>Natural Resources and Mining</i>	Percentage of total employment in Sector 11-Agriculture, Forestry, and Hunting and Sector 21-Mining
<i>Construction</i>	Percentage of total employment in Sector 23-Construction
<i>Manufacturing</i>	Percentage of total employment in Sector 31-33-Manufacturing
<i>Information</i>	Percentage of total employment in Sector 51-Information
<i>Financial Activities</i>	Percentage of total employment in Sector 52-Finance and Insurance and Sector 53-Real Estate and Rental and Leasing
<i>Professional and Business Services</i>	Percentage of total employment in Sector 54-Professional, Scientific, and Technical Services, Sector 55-Management of Companies and Enterprises, and Sector 56-Administrative and Waste Services
<i>Education and Health Services</i>	Percentage of total employment in Sector 61-Educational Services and Sector 62-Health Care and Social Assistance
<i>Leisure and Hospitality</i>	Percentage of total employment in Sector 71-Arts, Entertainment, and Recreation and Sector 71-Accommodations and Food Services
<i>Other Services</i>	Percentage of total employment in Sector 81-Other Services
<i>Public Administration</i>	Percentage of total employment in Sector 92-Public Administration
<i>Unemployment Rate</i>	Not seasonally adjusted quarterly unemployment rate