

Calculation—Overall State Indicator and Program Scores

States and Federal agencies negotiate to one decimal place. *Actual levels of performance* are calculated by dividing the number of successes within an indicator (numerator) by the total number of participants matching the qualifications for the given indicator (denominator). *Actual levels of performance* are reported by the state for all primary indicators of performance. In the WIOA statewide performance report (ETA-9169), *actual levels of performance* are represented by rounding to the nearest tenth of a percent, but for the purpose of performing these calculations, *actual levels of performance* and *adjusted levels of performance* are neither rounded nor truncated.

In the table below, refer to the column related to the title I Adult program for an example of Employment Rate—2nd Quarter after Exit.

- Numerator = 16,244 (Total number of participants in the denominator that were also employed second quarter after exit.)
- Denominator = 24,000 (Total number of participants that exited during the reporting period.)
- Numerator divided by Denominator = $\frac{16,244}{24,000} = 0.676833$
- Rate reported in Annual Report = 67.7%
- Adjusted level of performance = 75.2%

Employment Rate—2nd Quarter after Exit Results by Core Program						
Program	Title I Adult	Title I Dislocated Worker	Title I Youth	Title II AEFLA	Title III Wagner-Peyser	Title IV Vocational Rehabilitation
Numerator	16,244	13,000	20,000	9,000	6,000	31,555
Denominator	24,000	18,000	30,000	15,000	12,000	42,000
Annual Report Value	67.7%	72.2%	66.7%	60.0%	50.0%	75.1%
Adjusted Level of Performance	75.2%	72.5%	76.3%	79.7%	68.7%	65.4%

What figures are used to determine how close actual performance was to the adjusted level of performance?

Each *Indicator Score* is calculated in a similar way. For those indicators reported as a percentage, use both numerator and denominator in the next step.

The *Indicator Score* is calculated by dividing the actual outcome by the *adjusted level of performance*.

$$= \frac{\left(\frac{16,244}{24,000}\right)}{75.2\%} = .90004 \text{ (represented in the report as 90.0\%)}$$

For those indicators not reported as a percentage, such as Median Earnings in the Second Quarter after Exit, use the value in the Annual Report and divide by the *adjusted level of performance*.

How are the Overall State Indicator Scores calculated?

After the *Indicator Score* is calculated for each single primary indicator of performance, it is populated into the below matrix. Each row of *Indicator Scores* is averaged and truncated to one decimal place to produce the *Overall State Indicator Score*. In the example below, the average of the Employment Rate—2nd Quarter after Exit Indicator Scores for the six programs is 0.89985 and is truncated to one decimal place for an *Overall State Indicator Score* of 89.9%.

$$= \frac{\left(\frac{16,244}{24,000}\right)}{6} + \frac{\left(\frac{13,000}{18,000}\right)}{6} + \frac{\left(\frac{20,000}{30,000}\right)}{6} + \frac{\left(\frac{9,000}{15,000}\right)}{6} + \frac{\left(\frac{6,000}{12,000}\right)}{6} + \frac{\left(\frac{31,555}{42,000}\right)}{6} = .89985 = 89.9\%$$

Primary Indicator/ Core Program	Title I Adult	Title I Dislocated Worker	Title I Youth	Title II AEFLA	Title III Wagner-Peyser	Title IV Vocational Rehabilitation	Overall State Indicator Score
Employment 2nd Quarter after Exit	90.0%	99.6%	87.4%	75.3%	72.8%	114.9%	89.9%
Employment 4th Quarter after Exit	87.4%						
Median Earnings 2nd Quarter after Exit	111.8%						
Credential Attainment Rate	130.1%					N/A	
Measurable Skill Gains	84.1%					N/A	
Effectiveness in Serving Employers	N/A						
Overall State Program Score	100.6%						-

How are the Overall State Program Scores calculated?

After the *Indicator Score* is calculated for each primary indicator of performance, it is populated into the above matrix. Each column of *Indicator Scores* is averaged and truncated to one decimal place to produce the *Overall State Program Score*. In the example below, the average of the *Indicator Scores* for the title I Adult program is 1.00689 and is truncated to one decimal place for an *Overall State Program Score* of 100.6%, as shown in the table above.

$$= \frac{\left(\frac{16,244}{24,000}\right)}{5} + \frac{\left(\frac{15,300}{25,000}\right)}{5} + \frac{\frac{\$4,350}{\$3,890}}{5} + \frac{\left(\frac{17,950}{25,000}\right)}{5} + \frac{\left(\frac{21,600}{30,000}\right)}{5} = 1.00689 = 100.6\%$$

Title I Adult Results by Performance Indicator			
Primary Indicator of Performance	Actual Level of Performance (Numerator/Denominator)	Annual Report Value	Adjusted Level of Performance
Employment Rate—2nd Quarter after Exit	$\frac{16,244}{24,000}$	67.7%	75.2%
Employment Rate—4th Quarter after Exit	$\frac{15,300}{25,000}$	61.2%	70.0%
Median Earnings—2nd Quarter after Exit	\$4,350	\$4,350	\$3,890
Credential Attainment	$\frac{17,950}{25,000}$	71.8%	55.2%
Measurable Skill Gains	$\frac{21,600}{30,000}$	72.0%	85.6%
Effectiveness in Serving Employers	N/A	N/A	N/A