

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%. Note that because the ESE indicator is a single shared statewide indicator, there is no need to calculate an average of the individual program results. Instead, the shared statewide ESE result will be divided by the adjusted level of performance for ESE to determine performance success or failure.

$$= \frac{\left(\frac{16,244}{24,000}\right)}{75.2\%} + \frac{\left(\frac{13,000}{18,000}\right)}{72.5\%} + \frac{\left(\frac{20,000}{30,000}\right)}{76.3\%} + \frac{\left(\frac{9,000}{15,000}\right)}{79.7\%} + \frac{\left(\frac{6,000}{12,000}\right)}{68.7\%} + \frac{\left(\frac{31,555}{42,000}\right)}{65.4\%} = .89985 = 89.9\%$$

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	N/A	N/A	N/A	N/A	N/A	95.5% ¹³
Overall State Program Score	100.6%						-

¹³ ESE is a shared statewide measure reflecting the percentage of participants in unsubsidized employment during the second quarter after exit from the program who were employed by the same employer in the second and fourth quarters after exit", reported by one core program on behalf of all core programs. Therefore, there are no ESE results for individual programs.

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. Note the ESE indicator is not included in the Overall State Program Scores.

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

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%