# **DECEMBER**

# 2016 Training Benefits Program Report



# 2016 Training Benefits Program Report

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# **Contents**

Executive summary	1
Background	1
Key findings	1
Introduction	5
Background on the Training Benefits program	5
Enrollment in and eligibility for Training Benefits	5
Five-year report to the Legislature	7
Data sources	7
Findings	9
Participant demographics: Training Benefits participants approved during FY 2016	9
Unemployment benefits and Training Benefits payments received	17
Employment and wage history of Training Benefits participants	23
Program administrative costs	26
Appendices	31
Appendix 1. Survey methodology and response rate	31
Appendix 2. Survey questionnaire	32

### **Executive summary**

#### **Background**

The Training Benefits (TB) program provides extended unemployment benefits to qualifying unemployment insurance (UI) claimants who need training for a new career. The TB program provides income support while participating individuals are in training, but does not cover the direct costs of training (e.g., tuition, books, transportation). The benefits are paid out of the state Unemployment Insurance Trust Fund. TB payments are available to qualifying UI claimants for up to 52 weeks. Total unemployment benefits paid while in the TB program include the recipient's regular unemployment benefits.

#### Five-year report to the Legislature

*RCW 50.22.157* requires the Employment Security Department (ESD) to deliver a report to the Legislature every five years that includes the following information:

- Participant demographics;
- Number of weeks of benefits;
- Types of training;
- Employment and wages of program participants; and
- Program administrative costs.

The data in this report come from three sources: ESD administrative records; a survey of program participants conducted by the Social and Economic Sciences Research Center (SESRC) at Washington State University on behalf of ESD in spring 2016; training data from the State Board of Community and Technical Colleges (SBCTC), which was provided to ESD by the Washington State Office of Financial Management (OFM).

#### **Key findings**

#### **Participant demographics**

A review of more than 1,600 TB participants approved in FY 2016 revealed the following trends:

- Females were overrepresented among the TB population relative to the general UI claimants' population.
- Individuals 26 through 55 years of age were a larger proportion of the TB population than those under 26 and over 55.
- A larger proportion of TB participants had at least some postsecondary education relative to the general UI population.
- TB participants were concentrated in King, Snohomish and Pierce counties.
- Just over 60 percent of TB participants came from the following five industry sectors: manufacturing; public administration; retail trade; administrative and support and waste management and remediation services; and healthcare and social assistance.
- More than half of the TB participants came from the following five occupations:
   office and administrative support; production; management; sales and related; and
   installation, maintenance and repair.

#### Receipt of Training Benefits program and unemployment benefits

As of July 2016, TB participants approved in FY 2016 had received an average of \$430 per week and a median of \$434 per week, for an average of 34 weeks. Payment amounts are slightly higher than the average (\$413) and median (\$424) payments reported in the 2015 Training Benefits Program Annual Report. However, the average duration of payments is slightly lower in comparison to last year's report (37 weeks).

Payments to TB participants included funds from regular unemployment benefits and the TB program. Estimates of average and median payments, as well as average duration of payments will likely change, since a portion of the TB participants analyzed in this report are still receiving weekly benefits.

#### **Analysis of training**

This report analyzes information on training through the state's community and technical colleges for approximately 6,608 TB participants approved in calendar years 2012 through 2014, which coincide with academic years 2011-2012 through 2015-2016.

Just over 5,800 of those approved for the TB program during this period completed more than 94,000 courses in the state community and technical college system, and just under 2,800 of those participants took developmental education courses. Slightly more than 3,000 participants completed one or more certificate or degree programs. Participants completed more degrees or certificates in technical accounting and bookkeeping than any other program of study.

#### **Experiences with the Training Benefits program**

ESD surveyed approximately 6,600 TB participants approved in calendar years 2012 through 2014 to learn about their experiences.

- Of those responding to the survey, 91.9 percent stated that they had started their training.
- Of those who stated they had started their training, almost three-quarters of respondents (73.2 percent) reported that the job they were training for required a degree, certificate or license.
- Of those who had started training, 61.9 percent stated that they had completed their training, 20.3 percent had not completed training and 16.4 percent were still in training.
- Of those who stated they had not completed training, 53.6 percent stated that their unemployment benefits ended before completion of their TB program.
- Of those who stated they had completed training, an equal proportion of participants (51.5 percent) reported using Training Benefits funds and personal funds to pay for their training.

#### **Employment and wages of program participants**

For TB participants approved in calendar years 2012 and 2013, ESD compared earnings prior to layoff to participants' earnings after their Training Benefits ended. Immediately after benefits ended, participant earnings were lower than they were prior to program participation, but gradually approached pre-training levels over the following two years.

Numerous studies have found that dislocated workers<sup>1</sup> who retrain for new careers experience a drop in their earnings after training compared to their earnings before training. However, their earnings tend to rise for a number of years after training completion. Earnings for those who have retrained tend to be higher than for those who have not retrained, though somewhat lower than their pre-layoff earnings.

#### **Program administrative costs**

TB program administrative costs totaled \$944,420 in FY 2016. This represents an increase over the \$838,866 reported in the 2015 TB Annual Report. Program administrative costs are projected to be \$1,002,745 million in FY 2017. During FY 2016, the average cost to process an application was \$322, an increase over the \$284 recorded in last year's TB report. The average cost to process an application is projected to be \$342 in FY 2017.

#### **Training Benefits funding obligations**

Through Aug. 13, 2016, a total of \$230,763,019 has been paid out of TB funds over the history of the program. This represents about 58 percent of total funds made available for the program. A total of \$12,133,169 was paid out in FY 2016 and \$1,175,919 through Aug. 13, 2016, of FY 2017. The balance of future obligations is \$3,141,698.

<sup>1</sup> A dislocated worker is an individual who has been laid off, is eligible for unemployment benefits, and is unlikely to return to his or her previous occupation or industry due to foreign competition or technological change. Not all employees affected by a major layoff will be dislocated workers. They might have job skills that are in demand and can return to work in their previous industry or occupation.

#### Introduction

#### **Background on the Training Benefits program**

In 2000, the Washington State Legislature enacted Substitute House Bill 3077, which created the Training Benefits (TB) program. The program allocates up to \$20 million each year from the Unemployment Insurance Trust Fund to provide additional weeks of unemployment benefits to qualifying claimants who need training to obtain a new job.

To qualify for the program, claimants must enroll in training that will prepare them for a high-demand occupation. On an annual basis, the Employment Security Department (ESD) develops an initial list identifying occupations that are "in demand," "balanced" and "not in demand" at the state and workforce development area level. The local workforce development councils then review, adjust and approve that initial list based on their local, on-the-ground experience.<sup>2</sup>

Participants do not have to look for work as long as they are enrolled and making satisfactory progress in an approved training program.<sup>3</sup> TB funds do not support the direct costs of training (e.g., tuition, books, transportation) and are not charged to employers for purposes of calculating experience-rated unemployment taxes.<sup>4</sup>

#### **Enrollment in and eligibility for Training Benefits**

Individuals approved for the TB program may enroll in an approved training program and have their work-search requirement waived while receiving up to 52 weeks of unemployment benefits. This 52-week total includes the recipient's regular unemployment benefits, which must be utilized before the training benefits kick in. During the period when federal extensions of benefits were in place, Training Benefits have been paid only after the TB participant exhausted his or her regular benefits, any emergency unemployment compensation (EUC) benefits and, effective July 3, 2011,<sup>5</sup> any extended benefits (EB).

When these extensions were at their peak number of available weeks, individuals approved for the TB program could receive up to a maximum of 125 weeks of benefits. That statutory maximum declined from early 2012 until federal extensions ended on Dec. 29, 2013. Currently, an individual approved for the TB program will be eligible only for his or her regular unemployment benefits plus the Training Benefits, for a total of up to 52 weeks.

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<sup>&</sup>lt;sup>2</sup> As required by <u>RCW 50.22.150</u> and <u>50.22.155</u>.

<sup>&</sup>lt;sup>3</sup> Commissioner-Approved Training is not funded through the funds allocated to the TB program. Commissioner-Approved Training is paid through regular and federally funded unemployment benefits.

<sup>&</sup>lt;sup>4</sup> EHB 1091 of 2011 amended the law so that benefits are not charged to employers beginning with the date of approval rather than upon the first payment from TB funds, as of FY 2013.

<sup>&</sup>lt;sup>5</sup> RCW 50.22.155.

In some cases, participants approved for the TB program may have ended their training before receiving any payments from TB program funds. That is because they were in training and receiving unemployment benefits under federal benefit extensions and they completed their training plan before they reached the point at which TB funds could be used during their approved training-plan period.

Eligibility for the TB program requires claimants to be in one of the following categories:

- Dislocated workers;<sup>6</sup>
- Certain low-income workers whose earning potential will be enhanced with training;<sup>7</sup>
- Honorably discharged veterans who served in the military or Washington National Guard in the 12-month period prior to application;
- Individuals currently serving in the Washington National Guard; and
- Individuals who are disabled and unable to return to their previous occupations.

Prior to passage of EHB 1091 in 2011, TB program eligibility required claimants to submit a training plan within 90 days after being notified about the program and to enter an approved training program within 120 days after being notified about the TB program. Under the provisions of EHB 1091, these requirements were eliminated for dislocated-worker claimants who had an effective date of claim on or after July 1, 2012. The original deadlines for submitting a training plan and entering a training program still apply to the other categories of eligible claimants.

EHB 1091 also expanded the definition of "dislocated worker" for claimants with an effective date of claim on or after July 1, 2012.

For all categories of claimants eligible for training benefits other than dislocated workers, approved program participants must enroll in training as full-time students. Provisions of EHB 1091 waived this requirement for dislocated-worker claimants with an effective date of claim on or after July 1, 2012.

Claimants in the categories for whom the submission and enrollment deadlines apply may receive a waiver for missing the deadlines if the Employment Security Commissioner determines they had good cause for doing so. Similarly, claimants for whom the full-time enrollment requirement remains in effect may participate in part-time training if a physical, mental or emotional disability prevents full-time enrollment.

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<sup>&</sup>lt;sup>6</sup> A dislocated worker is an individual who has been laid off, is eligible for unemployment benefits, and is unlikely to return to his or her previous occupation or industry due to foreign competition or technological change. Not all employees affected by a major layoff will be dislocated workers. They might have job skills that are in demand and may return to work in their previous industry or occupation.

<sup>&</sup>lt;sup>7</sup> For those TB applicants filing after Jan. 1, 2015, anyone earning \$12.35 per hour or less is considered to meet the low income eligibility threshold. This threshold did not change in 2016. ESD calculates these wage rates by dividing the total number of hours in the base year of the unemployment claim into the total wages during the same period. Source: ESD, Unemployment Benefit Administration and Policy

#### The five-year report to the Legislature

*RCW 50.22.157* requires the Employment Security Department to deliver a report to the Legislature every five years. The report must include:

- A demographic analysis of participants in the TB program, including the number of claimants by industry of their last employer and the gender, race, age and geographic distribution of participants;
- The number of weeks of benefits claimed per claimant;
- An analysis of the training provided to participants including: the occupational
  category supported by the training; whether the training would lead to
  employment in an occupation in demand in the economy; whether a degree or
  certificate is required in order to get a job in the occupation chosen; a comparison
  of participants who complete training in relationship to those who do not; the
  number of participants taking courses in basic skills; the reasons for not
  completing approved training programs;
- The employment and wage history of participants including: the pre-training and
  post-training wages; the work participants engaged in before they were laid off;
  whether those participating in training return to their previous employers within
  two years after training terminates; whether participants are reemployed in a field
  for which they were retrained; and
- An identification and analysis of local and state administrative costs for operating
  this program; a projection of program costs for the next fiscal year; the total funds
  obligated for Training Benefits; and the net balance remaining to be obligated,
  given the restrictions in current law.

#### **Data sources**

Data in this report come from three sources: ESD administrative records; a survey of program participants conducted by the Social and Economic Sciences Research Center (SESRC) at Washington State University on behalf of ESD in spring 2016; and training data from the State Board of Community and Technical Colleges (SBCTC), which was provided to ESD by the Office of Financial Management (OFM).

In the spring of 2016, SESRC conducted a survey of the 6,608 claimants approved for the TB program from Jan. 1, 2012, through Dec. 31, 2014. The survey was conducted under contract with ESD and included both telephone and internet questionnaires. SESRC received 2,936 usable responses from this survey, for a response rate of 44.4 percent.

A small percentage of TB participants chose to enroll in training with private educational providers. Training outcomes for these participants are not reflected in this report.

### **Findings**

There are two groups of TB participants discussed in this report. The first group is participants approved for the program during state fiscal year (FY) 2016, from July 2015 through June 2016. Program administrative data on this group provide the basis for an analysis of participants' demographics and weeks of benefits.

To track employment and earnings outcomes, the second group of participants is those individuals approved for the program during calendar years (CY) 2012 through 2014. The results of SESRC's survey and SBCTC's administrative data on this group, provided by OFM, serve as the basis for a longer-term analysis of the types of training, employment and wages of participants.

# Participant demographics: Training Benefits participants approved during FY 2016

The demographic data in this report are consistent with previous years' reports.<sup>8</sup> While the population of all UI claimants was nearly two-thirds male, the male/female distribution of TB participants was approximately equal. As shown in *Figure 1*, participants approved for the TB program in FY 2016 were 47.5 percent female, compared to 34.2 percent of all UI claimants. In contrast, 52.4 percent of participants were male, but males comprised 65.8 percent of all UI claimants.

Over three-quarters of all participants were ages 26 through 55 in FY 2016, a distribution similar to those reported in previous years' reports.

The average age of TB participants was 41.0 years of age in FY 2016, while the average age for all UI claimants was 42.5. For FY 2016, there were more TB participants ages 26 through 45, 54.3 percent, compared to all UI claimants at 47.9 percent (*Figure 1*).

Individuals under 26 years of age and over 45 were under-represented in the TB program. For FY 2016, 0.6 percent of TB participants were under 21 compared to 1.3 percent for all UI claimants. A total of 37.4 percent of TB participants were over 45 years of age, compared to 42.6 percent for all claimants.

In terms of race and ethnicity, *Figure 1* shows that a somewhat higher proportion of individuals who are Black and Asian/Pacific Islander enrolled in the TB program than overall UI claimants. In contrast, a somewhat lower proportion of individuals who are Hispanic and Native American/Alaskan Native enrolled in the TB program than overall UI claimants in FY 2016.

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<sup>&</sup>lt;sup>8</sup> Previous years' annual Training Benefits reports are available at <a href="https://esd.wa.gov/labormarketinfo/training-benefits">https://esd.wa.gov/labormarketinfo/training-benefits</a> in the report library.

Figure 1. Demographic characteristics of TB participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

	FY 2016		
Demographics	Approved TB participants*	Percent of total*	Percent of all UI claimants*
Gender			
Male	856	52.4%	65.8%
Female	776	47.5%	34.2%
Data not available	2	0.1%	0.0%
Total	1,634	100%	100.0%
Race			
Black	150	9.2%	5.4%
Asian, Pacific Islander	135	8.3%	5.9%
White	1,023	62.6%	64.5%
Hispanic	202	12.4%	15.9%
Native American, Alaskan Native	25	1.5%	1.9%
Other	99	6.1%	4.5%
Total	1,634	100.1%	100.1%
Age	Approved TB participants*		All UI claimants*
Average age	41.0		42.5
Under 21	10	0.6%	1.3%
21 to 25	123	7.5%	8.2%
26 to 35	492	30.1%	25.2%
36 to 45	396	24.2%	22.7%
46 to 55	382	23.4%	24.1%
Over 55	229	14.0%	18.5%
Data not available	2	0.1%	0.0%
Total	1,634	99.9%	100.0%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to its individual parts in the referenced figure; this is due to rounding and unknowns.

Individuals approved for the TB program were more likely to be female compared to all UI claimants. Participants were also more likely to be in the prime working years of 26 to 45 years of age.

#### **Participant education**

TB participants approved during FY 2016 had more education than UI claimants as a group (*Figure 2*). This trend is consistent with previous years' reports.

In FY 2016, those individuals with postsecondary education made up 55.3 percent of TB participants and 45.6 percent of all UI claimants. Similarly, the majority of TB participants and all UI claimants had a high school diploma or GED (40.5 and 40.6 percent, respectively). Very few TB participants had less than a high school diploma (4.2 percent) compared to all UI claimants (13.8 percent).

Figure 2. Education level of TB participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

	FY 2016		
Education level	Approved TB participants*	Percent of total*	Percent of all UI claimants*
Less than high school diploma	69	4.2%	13.8%
GED	88	5.4%	4.2%
High school diploma	573	35.1%	36.4%
Some college, no degree	342	20.9%	13.1%
Associate degree	266	16.3%	14.0%
Bachelor's degree and above	294	18.0%	18.5%
Data not available	2	0.1%	0.0%
Total	1,634	100.0%	100.0%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figure; this is due to rounding.

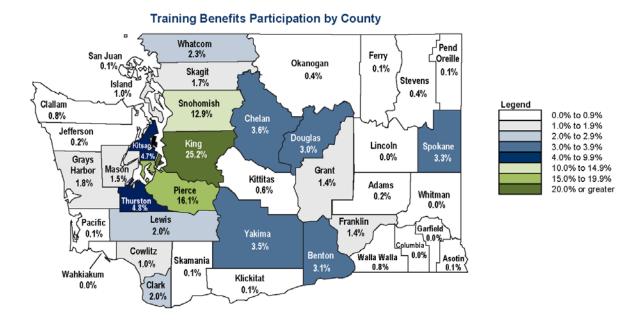
TB participants had more education than UI claimants overall. The majority of TB participants had some postsecondary education prior to enrolling in the TB program.

#### Geographic distribution of participants

The greatest number of participants, 54.2 percent, approved for the TB program in FY 2016 resided in King, Snohomish and Pierce counties. This compares to 43.6 percent of all UI claimants in those counties during FY 2016 (*Figure 4*). The map in *Figure 3* displays the geographic distribution of participants who were approved for the program in FY 2016.

Figure 3. Distribution of TB participants approved in FY 2016 by county of residence\* Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data



<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figure; this is due to rounding and unknowns.

TB participants were concentrated in King, Snohomish and Pierce counties in FY 2016.

Figure 4. County of residence of TB participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

	FY 2016		
County	Approved TB participants*	Percent of total*	Percent of all UI claimants*
Adams	4	0.2%	0.5%
Asotin	1	0.1%	0.1%
Benton	51	3.1%	3.0%
Chelan	58	3.6%	1.7%
Clallam	13	0.8%	1.0%
Clark	32	2.0%	4.0%
Columbia	0	0.0%	0.0%
Cowlitz	16	1.0%	1.5%
Douglas	49	3.0%	0.9%
Ferry	1	0.1%	0.1%
Franklin	23	1.4%	1.9%
Garfield	0	0.0%	0.0%
Grant	22	1.4%	2.2%
Grays Harbor	29	1.8%	1.2%
Island	16	1.0%	0.7%
Jefferson	4	0.2%	0.3%
King	409	25.2%	22.6%
Kitsap	77	4.7%	2.5%
Kittitas	10	0.6%	0.6%
Klickitat	1	0.1%	0.3%
Lewis	32	2.0%	1.3%
Lincoln	0	0.0%	0.1%
Mason	24	1.5%	0.7%
Okanogan	6	0.4%	1.0%
Pacific	2	0.1%	0.3%
Pend Oreille	1	0.1%	0.2%
Pierce	261	16.1%	11.6%
San Juan	1	0.1%	0.1%
Skagit	28	1.7%	2.1%
Skamania	1	0.1%	0.1%
Snohomish	209	12.9%	9.4%
Spokane	53	3.3%	7.0%
Stevens	6	0.4%	0.8%
Thurston	78	4.8%	3.2%
Wahkiakum	0	0.0%	0.0%
Walla Walla	13	0.8%	0.6%
Whatcom	37	2.3%	2.8%
Whitman	0	0.0%	0.2%
Yakima	57	3.5%	6.6%
Data not available	9	0.0%	6.7%
Total	1,634	100%	100%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figure; this due to rounding and unknowns.

The greatest portion of TB participants resided in King, Snohomish and Pierce counties – 54.2 percent in FY 2016. In contrast, about 43.6 percent of all unemployment benefits recipients resided in these counties.

#### Industry and occupation of participants before training

Industry refers to an employer's principal line of business, while an occupation refers to the kind of work a worker does. For example, a secretary working for an aerospace manufacturer has the occupation of secretary, but is classified as working in the aerospace industry.

Occupations in this report are specific to the experience of individual UI claimants, who provide their current occupational information when they file a claim for unemployment benefits.

#### Industry classification of participants prior to training

Over half of TB participants approved in FY 2016 (60.3 percent) were previously employed in the following five industry sectors:

- Manufacturing (19.0 percent);
- Public administration (15.5 percent);
- Retail trade (10.0 percent);
- Administrative and support and waste management and remediation services (8.3 percent); and
- Healthcare and social assistance (7.5 percent).

Workers from these industry sectors represented only 38.2 percent of all UI claimants in FY 2016 (*Figure 5*).

In FY 2016, unemployed workers coming from the following industry sectors each were less than one percent of the TB participants: management of companies and enterprises; mining and utilities.

Figure 5. Prior industry of employment of TB participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

	FY 2016		
Industry	Approved TB participants*	Percent of total*	Percent of all UI claimants*
Manufacturing	310	19.0%	12.7%
Public administration	253	15.5%	4.1%
Retail trade	163	10.0%	6.8%
Admin. and support and waste mgmt. and remediation services	136	8.3%	8.0%
Healthcare and social assistance	122	7.5%	6.6%
Professional, scientific and technical services	111	6.8%	5.8%
Finance and insurance	70	4.3%	2.2%
Construction	63	3.9%	17.3%
Wholesale trade	60	3.7%	4.5%
Transportation and warehousing	49	3.0%	3.8%
Information	47	2.9%	2.2%
Accommodation and food services	45	2.8%	4.4%
Educational services	38	2.3%	1.5%
Other services (except public administration)	34	2.1%	2.0%
Arts, entertainment and recreation	30	1.8%	1.4%
Agriculture, forestry, fishing and hunting	21	1.3%	7.2%
Real estate renting and leasing	19	1.2%	1.2%
Management of companies and enterprises	2	0.1%	0.1%
Mining	2	0.1%	0.2%
Utilities	0	0.0%	0.2%
Data not available	59	3.6%	7.7%
Total	1,634	100.2%	99.9%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figure; this is due to rounding.

Over half of all TB participants were former employees of the following industry sectors: manufacturing; public administration; retail trade; administration and support and waste management and remediation services; and healthcare and social assistance.

#### Occupational classification of participants prior to training

Over half of TB participants approved in FY 2016 (55.6 percent) were previously employed in the following five occupations: office and administrative support; production; management; sales and related; and installation, maintenance and repair. (*Figure 6*).

Of those top occupations, office and administrative support; production; sales and related; and installation, maintenance and repair had higher representation among TB participants than among all UI claimants. The reverse was true for those who previously worked in management occupations.

Workers previously employed in the following two occupations were less than 1.0 percent of TB participants approved in FY 2016: building and grounds cleaning and maintenance; and legal.

**Figure 6.** Prior occupations of TB participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

	FY 2016		
Occupational group	Approved TB participants*	Percent of total*	Percent of all UI claimants*
Office and administrative support	322	19.7%	10.1%
Production	228	14.0%	11.6%
Management	147	9.0%	9.8%
Sales and related	115	7.0%	5.2%
Installation, maintenance and repair	96	5.9%	4.5%
Construction and extraction	87	5.3%	17.8%
Business and financial operations	71	4.3%	2.9%
Military specific	70	4.3%	0.6%
Transportation and material moving	69	4.2%	8.7%
Computer and mathematical	59	3.6%	3.1%
Architecture and engineering	52	3.2%	1.8%
Personal care and service	49	3.0%	2.0%
Arts, design, entertainment, sports and media	42	2.6%	1.7%
Food preparation and serving related	36	2.2%	4.0%
Healthcare support	33	2.0%	1.4%
Protective service	33	2.0%	1.2%
Healthcare practitioners and technical	24	1.5%	1.4%
Life, physical and social science	24	1.5%	1.1%
Education, training and library	18	1.1%	1.3%
Farming, fishing and forestry	18	1.1%	6.0%
Community and social service	18	1.1%	0.8%
Building and grounds cleaning and maintenance	13	0.8%	2.6%
Legal	8	0.5%	0.5%
Data not available	2	0.1%	0.0%
Total	1,634	100.0%	100.1%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figures; this is due to rounding.

Over one-half of all TB participants worked in the following occupations prior to TB program participation: office and administrative support; production; management; sales and related; and installation maintenance and repair.

#### **Unemployment benefits and Training Benefits payments received**

Figure 7 shows the unemployment benefits and TB program payments made to participants approved in FY 2016, as of July 2016. These numbers will most likely change, since a portion of these TB participants are still receiving weekly benefits.

To date, TB participants approved in FY 2016 have collected an average of \$430 per week and a median of \$434 per week, for an average of 34 weeks. The average duration for FY 2015 was 37 weeks, with a median of 38 weeks. These payments include funds paid from regular unemployment benefits and the TB program.

For participants approved in FY 2016, 967 of 1,634 have received payments from TB funds as of July 2016. Those payments have totaled about \$7.2 million, for an average of \$7,439 per participant from TB funds.<sup>9</sup>

The average and median weekly benefit amounts for all UI claimants were lower (\$398 and \$374, respectively) than TB participants (\$430 and \$434, respectively). This indicates that TB participants were earning more than non-participants prior to being laid off. A total of 154,214 UI claimants did *not* participate in the TB program in FY 2016.

Figure 7. TB participants and UI claimants' receipt of benefits, current dollars, for participants approved in FY 2016 Washington state, FY 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse

Unemployment benefits and TB paid	FY 2016
Total unemployment benefits paid	\$734,856,810
UI claimants	155,848
Average number of weeks UI benefits paid	12
Median number of weeks UI benefits paid	10
Average weekly UI benefits paid	\$398
Median weekly UI benefits paid	\$374
Total paid from TB program funds	\$7,193,695
Total participants approved for TB	1,634
Total participants receiving benefits from TB funds	967
Average number of weeks paid from TB funds	18
Median number of weeks paid from TB funds	19
Average weekly UI benefits paid from TB funds	\$423
Median weekly UI benefits paid from TB funds	\$430

TB funds account for only a portion of the total unemployment benefits received by program participants.

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<sup>&</sup>lt;sup>9</sup> These figures only reflect those individuals who received payments from TB funds.

# Types of training and program completions for Training Benefits participants approved from 2012 through 2014

To better understand the training experience and employment prospects of TB participants, this report looks at the 6,608 participants who were approved for the program from calendar years (CY) 2012 through 2014. In addition to ESD's administrative records, two sources of data are essential to this effort: training data from the SBCTC, which was provided by OFM, and data from the survey of program participants.

#### Enrollment in the state's community and technical college system

The OFM provided information from the SBCTC for TB participants enrolled in training during the 2011-2012, 2012-2013, 2013-2014, 2014-2015 and 2015-2016 academic years (*Figure 8*).

During these academic years, 5,840 TB participants completed 94,420 courses of the 104,858 courses they attempted for a 90.0 percent completion rate. This rate is similar to the 90.8 percent reported in the 2015 TB report for participants approved in CY 2011 through CY 2013.<sup>10</sup>

The five most common areas in which participants attempted courses were: developmental computational skills; office management and supervision; business administration and management; technical accounting and bookkeeping; and general microcomputer applications.

#### **Developmental education to improve employability**

To improve their ability to get a job, some TB participants took developmental education courses in such areas as computational skills, English as a second language, reading and writing skills. For the 2012-2013 through 2015-2016 academic years, 2,799 TB participants attempted a total of 7,895 developmental education courses. TB participants completed 6,331 courses within nine developmental course areas, including the "other" category, for a completion rate of 80.2 percent (*Figure 8*).

The most common type of developmental education was in computational skills. TB participants attempted 5,353 courses in computational skills and completed 4,457 of these courses during the 2011-2012 through 2015-2016 academic years, for an 83.3 percent completion rate. Writing, adult basic education, and English as a second language comprised 1,877 attempted courses, of which 1,270 were completed, for an overall completion rate for this set of courses of 67.7 percent.

December 2016 Employment Security Department

<sup>&</sup>lt;sup>10</sup> See: "2015 Training Benefits Program Annual Report," Washington State Employment Security Department, Labor Market and Performance Analysis, December 2015, page 18.

**Figure 8**. Developmental education courses for TB participants Washington state, academic years 2011-2012 through 2015-2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse; State Board for Community and Technical Colleges; Washington State Office of Financial Management

Developmental education courses	Attempted	Completed	Percent completed
Computational skills	5,353	4,457	83.3%
Writing	836	766	91.6%
Adult basic education	581	240	41.3%
English as a second language	460	264	57.4%
Reading	225	210	93.3%
Coordinated studies	292	265	90.8%
Career exploration	8	0	0.0%
Workplace basics 2	7	7	100.0%
Other	133	122	91.7%
Total	7,895	6,331	80.2%

More than 65 percent of developmental education courses taken were in computational skills.

#### Completion of certificates and degrees

TB participants are approved for one college program of study. However, a TB participant can earn more than one certificate or degree under that program. For instance, a participant in a nursing program may achieve an intermediary completion, such as obtaining a certain number of credits or training hours, before attaining a professional license or certificate. Also, participants may take classes in addition to those in their approved TB training plan, which could result in more than one certificate or degree.

A total of 3,010 TB participants completed one or more certificate or degree programs to earn a total of 5,635 degrees or certificates overall for the combined academic years of 2011-2012 through 2015-2016.

Figure 9 shows the top 10 programs completed by program of study. Within the top 10, a total of 1,345 TB participants completed a total of 2,110 certificates, degrees or both.

Figure 9. Top 10 certificates and degrees for TB participants, by program of study<sup>11</sup>

Washington state, academic years 2011-2012 through 2015-2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse; State Board for Community and Technical Colleges; Washington State Office of Financial Management

Top 10 programs	Number of participants	Number of certificates and degrees
Technical accounting and bookkeeping	262	510
Technical welding	92	256
Liberal arts and sciences	239	245
Business administration and management	161	212
Computer systems networking and telecommunications	125	180
Medical/clinical assistant	105	152
Nursing assistant/aide	146	152
General microcomputer applications	96	139
Marketing management	81	138
Auto mechanics	38	126
Total	1,345	2,110

TB participants completed certificate or degree programs in technical accounting and bookkeeping in larger numbers than any other program of study.

#### **Experiences with the Training Benefits program**

The results of this survey are largely the same as last year's survey. This is not surprising since participants from two of last year's three-year group overlapped with this year's – those approved in CY 2012 and CY 2013.

#### Did the participant complete training?

Of the 2,936 survey respondents, 2,698, or 91.9 percent, indicated that they had started their training. <sup>12</sup> Of those who started training, 1,671 participants, or 61.9 percent of respondents, indicated that they completed their training. The remaining 1,027 respondents were split among 548 participants, or 20.3 percent, who did not complete their training, 443, or 16.4 percent, who were still in training and a remaining 36 participants, or 1.3 percent, with unknown status.

<sup>&</sup>lt;sup>11</sup> Programs of study are based on the Classification of Instructional Programs (CIP) system.

<sup>&</sup>lt;sup>12</sup> Of the 6,608 persons surveyed, we received responses from 2,936 individuals. This corresponds to a response rate of 44.4%.

#### Reasons for withdrawing from training

The 548 respondents to the survey who did not complete their training selected one or more of six possible reasons for not completing their approved training plan (*Figure 10*). Many of these respondents (53.6 percent) stated that their unemployment benefits ran out before they completed their programs. Another 230 individuals, or 42.0 percent, stated they needed to find a job rather than continue in school. Another 228 participants, or 41.6 percent, found a job that met their needs, while 194 (35.4 percent) had insufficient funds for tuition, fees and books. Sixty-eight individuals, or 12.4 percent, indicated that they returned to their former job.

Figure 10. Reasons TB participants gave for not completing their training plan, for participants approved in CY 2012 through CY 2014

Washington state, spring 2016

Source: Employment Security Department/LMPA, Training Benefits survey

Reasons for withdrawal from training	Number*	Percent of total
Unemployment benefits ended before completion	294	53.6%
Needed to find a job rather than continue school	230	42.0%
Found a job that met current needs	228	41.6%
Other	214	39.1%
Insufficient funds for tuition, fees, books, etc.	194	35.4%
Returned to former job	68	12.4%

<sup>\*</sup>A TB participant could give more than one reason for not completing his or her TB program plan.

The largest proportion of individuals who had not completed their training (53.6 percent) reported their unemployment benefits ran out before they completed their training.

#### How program participants paid for tuition

Figure 11 shows how participants paid for their tuition. Some TB participants had multiple sources of funds to pay for their training, that is, their tuition. Of the 1,671 respondents who completed training, the greatest proportion of individuals reported using personal funds and/or TB weekly funds to pay for tuition (51.5 percent). Financial assistance from the school or college ranked third at 51.0 percent; other governmental assistance was fourth at 39.3 percent; and family support made up 19.2 percent of the total respondents who reported funding sources.

**Figure 11**. Ways TB participants paid for tuition, for TB participants approved in CY 2012 through CY 2014 Washington state, spring 2016

Source: Employment Security Department/LMPA, Training Benefits survey

Source of funding	Number*	Percent of total
Personal funds	860	51.5%
TB weekly funds	860	51.5%
Financial assistance through school or college	853	51.0%
Other governmental assistance	656	39.3%
Other	379	22.7%
Family support	321	19.2%

<sup>\*</sup>A TB participant could indicate more than one source of funding for his or her tuition.

The most commonly reported sources of funding to pay for tuition were personal funds and TB weekly funds.

#### Was a degree, certificate or license required for the job for which participants were training?

The TB participants were asked whether the job they were training for required a degree, certificate or license. Of the 2,796 individuals responding to this question, 73.2 percent said yes; 16.1 percent responded no; and 10.7 percent did not know.

#### Occupations of participants after returning to work

Of the 2,936 respondents to the survey, 1,273 provided information on their occupation after training. A total of 175 respondents, 13.7 percent, said they worked in office and administrative support occupations. The top five occupational groups in which respondents found work provided 597, or 46.9 percent, of the 1,273 occupations reported. The bottom four occupational groups provided only 44 of the occupations reported, or 3.5 percent (*Figure 12*).

Figure 12. Occupations of TB participants who returned to work, for participants approved in CY 2012 through CY 2014 Washington state, spring 2016

Source: Employment Security Department/LMPA, Training Benefits survey

Occupational group of TB program participants who returned to work	Number	Percentage of total*
Office and administrative support	175	13.7%
Healthcare practitioners and technical	124	9.7%
Computer and mathematical	115	9.0%
Healthcare support	95	7.5%
Installation, maintenance and repair	88	6.9%
Production	86	6.8%
Management	84	6.6%
Business and financial operations	76	6.0%
Architecture and engineering	56	4.4%
Sales and related	53	4.2%
Education, training and library	53	4.2%
Community and social services	45	3.5%
Transportation and material moving	42	3.3%
Construction and extraction	37	2.9%
Personal care and service	28	2.2%
Arts, design, entertainment, sports and media	24	1.9%
Food preparation and serving related	16	1.3%
Protective service	16	1.3%
Life, physical and social science	16	1.3%
Legal	15	1.2%
Unknown	14	1.1%
Building and grounds cleaning and maintenance	10	0.8%
Farming, fishing and forestry	5	0.4%
Total	1,273	100.2%

<sup>\*</sup>The whole may not necessarily equal the total sum of its parts. In some instances, the sum is not equal to or is even greater than its individual parts in the referenced figure; this is due to rounding.

The top five occupational groups provided nearly one-half of the total employment reported by TB participants.

#### Did participants return to their former employers?

Of the 1,270 respondents who replied whether or not they went back to work for the same employer they were laid off from,<sup>13</sup> 71, or 5.6 percent, said they returned to the employer they had when they were laid off; 1,199 respondents, 94.4 percent, were working for another employer.

#### Was the training helpful in getting a new job?

TB participants were asked if the training helped them get their job. There were 1,271 responses to this question. More than three-fifths, 64.8 percent, reported that the training was "very helpful." Another 12.4 percent indicated that the training was "not at all helpful." The remaining respondents indicated their training was "moderately helpful" (12.7 percent) or "a little helpful" (10.0 percent).

#### Were participants employed in a field for which the participants were retrained?

TB participants were asked if they were employed in a field for which they were retrained. There were 1,270 responses to this question, and 71.0 percent indicated they were employed in a field for which they had been retrained. The remaining 368 respondents, or 29.0 percent, answered in the negative.

#### **Employment and wage history of Training Benefits participants**

Figures 13 and 14 show the pre- and post-TB earnings of TB participants who were employed based on the calendar year in which they were approved for the TB program. Figure 13 shows the four quarters of earnings prior to the quarter in which individuals filed a claim for unemployment benefits and the eight quarters of earnings starting in the quarter after benefits ended in CY 2012 and CY 2013. These data come from UI administrative data and are separate from the survey data of participants.

Participants approved in CY 2013 and CY 2014 may not have received their final benefit payment until CY 2015 or CY 2016. As of this writing, wage information for UI is available up to the second quarter of CY 2016. As a result, ESD does not yet have complete post-TB earnings data for a large number of individuals approved in CY 2014. ESD had post-TB wage information for less than one-fifth of the 2,164 participants in the 2014 cohort. Because of the incompleteness of the wage and employment data, median wages for participants approved in CY 2014 are not reported in *Figure 13*.

Note also that the earnings estimates in *Figure 13* are measures of gross program impact. They are not adjusted for net program impact by comparing them with a valid control or comparison group over the same post-program time period.

The post-TB program quarterly earnings data show that 57.9 percent of TB participants approved in CY 2012 recorded earnings in the first quarter after their last benefit payment. This number was 54.8 percent for CY 2013. For participants approved in CY 2012, for

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<sup>&</sup>lt;sup>13</sup> The time period of reference was spring 2016.

<sup>14</sup> The actual dates for starting and ending one's TB approved job training may or may not coincide with the dates of approval for TB program eligibility. Training can start before TB program eligibility and continue after one's weekly benefits under the TB program run out. The data in Figures 12 and 13 are based on the quarter in which the individual applied for unemployment benefits and the date at which the TB participant no longer received unemployment benefits.

whom the data are most complete, the number of individuals who recorded earnings increased from 57.9 percent in post-quarter 1 to 66.0 percent in post-quarter 4. For those approved in CY 2013, the number of individuals who recorded earnings increased from 54.8 percent in post-quarter 1 to 62.6 percent in post-quarter 4. However, the increase in the number of participants who reported wages does not reflect total post-TB employment since not all participants had completed their training program.

A wide range of studies have found that post-training wages for dislocated and disadvantaged workers who retrain for new careers are below their pre-layoff wages. Post-training wages then tend to rise during the second or third year after training. At that point, wages for those who have retrained tend to be higher than those statistically similar workers who have not retrained, but still can be lower than pre-layoff wages due to the loss of firm-, industry- and occupation-specific human capital.<sup>15</sup>

As *Figure 13* shows, TB participants' median earnings in the year prior to entry into the TB program were higher than earnings in the first year after their TB payments ended. For participants approved for the TB program in calendar year 2012, median earnings went down from \$38,275<sup>16</sup> prior to entry into the TB program to \$29,749 in the first year after program entry, a reduction of 22.3 percent. The difference was similar for those approved in CY 2013, as median annual earnings fell from \$39,102<sup>17</sup> to \$30,685, a reduction of 21.5 percent. <sup>18</sup>

Improvement in median annual earnings began in the second year after the participants entered the TB program. For the 2012 cohort, earnings increased by 17.5 percent, and for the 2013 cohort, the improvement was 13.0 percent. At a median of \$34,962 in the second year after program entry, the 2012 cohort was earning only 8.7 percent less than the year before receiving unemployment benefits. The 2013 cohort earned 11.3 percent less, improving to \$34,678. Again, these are gross program effects that do not reflect the ultimate net program effects.

<sup>&</sup>lt;sup>15</sup> See: Paterson, Toby, Ernst W. Stromsdorfer and Jeffrey Zahir, "Net-Impact Analysis on Before-Tax Annual Earnings for the Training Benefits Program, 2002 through 2008," Employment Security Department, Labor Market and Economic Analysis, February 2012; Hollenbeck, Kevin and Wei-Jang Huang, "Net Impact and Benefit-Cost Estimates of the Workforce Development System in Washington State," Upjohn Institute Technical Report No. 06-020, W.E. Upjohn Institute for Employment Research, Kalamazoo, Michigan, September 2006; and Jacobson, Louis, Robert LaLonde and Daniel G. Sullivan, "The Returns of Community College Schooling for Displaced Workers," U.S. Department of Labor, The University of Chicago and the Federal Reserve Bank of Chicago, January 2001.

<sup>&</sup>lt;sup>16</sup> The annual median earnings may not reflect the sum of quarterly median wages shown in *Figure 13* due to rounding.

<sup>&</sup>lt;sup>17</sup> The annual median earnings may not reflect the sum of quarterly median wages shown in *Figure 13* due to rounding.

<sup>&</sup>lt;sup>18</sup> TB participant earnings for those approved for the program in calendar years 2012 and 2013 overlap with the analysis in last year's report. The numbers differ somewhat due to changes that may have occurred in individuals' program status.

Figure 13. Median quarterly earnings, pre- and post-TB, for participants approved in CY 2012 and CY 2013, in current dollars

Washington state, July 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse, Wage File

		2012 cohort – 2,506 total participants			2013 cohort – 1,938 total participants		
Quarter		Number of participants who reported wages	Percent of participants who reported wages	Median reported wages	Number of participants who reported wages	Percent of participants who reported wages	Median reported wages
	-4	2,181	87.0%	\$9,123	1,632	84.2%	\$9,180
Quarterly	-3	2,303	91.9%	\$9,531	1,745	90.0%	\$9,821
earnings pre-TB <sup>1</sup>	-2	2,396	95.6%	\$9,901	1,835	94.7%	\$9,944
pic 1B	-1	2,394	95.5%	\$9,720	1,813	93.6%	\$10,157
	1	1,451	57.9%	\$6,576	1,062	54.8%	\$6,591
	2	1,578	63.0%	\$7,199	1,132	58.4%	\$7,367
0	3	1,642	65.5%	\$7,806	1,195	61.7%	\$8,148
Quarterly earnings	4	1,655	66.0%	\$8,168	1,214	62.6%	\$8,579
post-TB <sup>2</sup>	5	1,442	57.5%	\$7,989	522	26.9%	\$8,117
Poor ID	6	1,473	58.8%	\$8,625	530	27.3%	\$8,613
	7	1,472	58.7%	\$8,955	537	27.7%	\$8,662
	8	1,463	58.4%	\$9,393	525	27.1%	\$9,286

<sup>&</sup>lt;sup>1</sup> Quarterly median earnings of TB participants who were employed in the quarters prior to receiving unemployment benefits under the TB program. Information in this table is current as of July 2016.

TB participants' earnings declined following loss of employment, but gradually increased in the second year after the TB participant completed his or her TB program plan.

Figure 14 abstracts from the time the participants spent in the TB program – a time period that varies by cohort and participant depending on the quarter in which the individual applied for unemployment benefits and the quarter in which the TB participant received his or her last unemployment benefit payment under the conditions of his or her TB program plan.

Figure 14 graphically shows the pre- and post-TB quarterly earnings for these same TB program participants. Immediately after entry into the TB program, participant earnings were lower than they were prior to program participation, but gradually approached pre-training levels over the following two years. This pattern of earnings loss and then gain following a loss of employment is similar to the pattern seen in other government-subsidized occupational training programs. <sup>19</sup>

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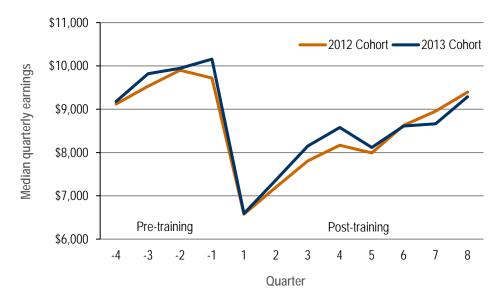
<sup>&</sup>lt;sup>2</sup> Quarterly median earnings of TB participants who were employed in the quarters post-TB. Information in this table is current as of July 2016.

<sup>19</sup> See: Paterson, Toby, Ernst W. Stromsdorfer and Jeffrey Zahir, Net-Impact Analysis on Before-Tax Annual Earnings for the Training Benefits Program, 2002 through 2008, Employment Security Department, Labor Market and Economic Analysis, February 2012.

**Figure 14**. Median quarterly earnings, pre- and post-TB program plan, for participants approved in CY 2012 through CY 2013, in current dollars

Washington state, July 2016

Source: Employment Security Department/LMPA, Unemployment Insurance Data Warehouse, Wage File



It took about two years after participation in the TB program to see earnings approach pre-layoff levels.

#### **Program administrative costs**

ESD spent \$944,420 in state fiscal year 2016 to administer the TB program (*Figure 15*). There are two major drivers of program costs.

The first driver of program costs is caseload-associated activities. These are tasks and services associated with claimants seeking and gaining eligibility for the TB program. These activities fluctuate with the number of initial UI claims and overall demand for the program.

The second driver of program costs is general administrative costs and program oversight. These core functions are essential to operating the TB program. These functions include supervisory and administrative activities, fiscal and budget activities, communications and office services.

#### **Caseload activities**

Caseload activities vary, depending on the number of applications the department receives. These activities accounted for 51.5 percent of costs for state FY 2016 and included:

- Distributing information about and explaining eligibility criteria for the TB program and other unemployment programs, including Commissioner-Approved Training;
- Helping applicants complete the TB application;
- Communicating and coordinating with the adjudication centers and participants to provide the status of applications and advise adjudicators of changes to a claimant's training status;

- Interacting with colleges and training providers to verify or validate information regarding school attendance and satisfactory progress; and
- Writing decisions and processing appeals.

#### Current cost assumptions for caseload activities

For every 320 applications, an Unemployment Insurance Specialist 3 is needed at an annual cost of \$79,075. For every six Unemployment Insurance Specialist 3 positions, an Office Assistant 3 is needed at an annual cost of \$61,068

#### General administrative and oversight activities

General administrative and oversight activities are constant costs. These account for 48.5 percent of total costs for FY 2016. *Figure 15* outlines the costs for FY 2016 and the projected costs for FY 2017.

These activities include the indirect overhead costs associated with financial services, accounting, budgeting, payroll, personnel, communications, training, computer systems management, research and data analysis, utilities, rent and leases, travel, printing and facilities services.

The SBCTC reported that there are administrative costs associated with serving any student enrolled in college. A student receiving Training Benefits does not create additional costs or different costs than any other student.

Figure 15. TB program administrative costs for FY 2016 and projected costs for FY 2017 Washington state, FY 2016 and projected FY 2017 Source: Employment Security Department administrative data

TB administra	itive costs	
Program cost measure	FY 2016	Projected FY 2017
Number of applications processed	2,933	2,933
Caseload staffing		
Unemployment insurance (UI) specialist	6.5	6.5
Office assistant	0.5	0.5
WorkSource specialist	0.0	0.0
Total caseload staffing	7.0	7.0
Claims per UI specialist	449	449
Caseload cost		
Salaries	\$342,183	\$383,245
Benefits	\$143,860	\$161,123
Total caseload cost	\$486,043	\$544,368
Non-caseload staffing		
Supervisory staffing	0.8	0.8
Research and data analysis	0.3	0.3
Annual reporting	0.7	0.7
Total non-caseload staffing	1.8	1.8
Total staffing	8.9	8.9
Non caseload cost		
Salaries	\$123,497	\$123.497
Benefits	\$44,116	\$44,116
Communications	\$17,196	\$17,196
Utilities	\$2,766	\$2,766
Rental and leases	\$22,544	\$22,544
Repairs and maintenance	\$3,704	\$3,704
Printing and reproduction	\$74	\$74
Facilities and services	\$13,081	\$13,081
Other goods and client services	\$178,398	\$178,398
Annual reporting	\$53,000	\$53,000
Total non-caseload cost	\$458,377	\$458,377
Total TB administrative cost	\$944,420	\$1,002,745

TB program total administrative costs are projected in FY 2017 to be higher than they were in FY 2016.

#### **Summary of administrative costs**

The sum of state and local level administrative costs for FY 2016 was \$944,420; administrative costs projected for FY 2017 are \$1,002,745. *Figure 16* compares total costs with the average number of TB applications processed.

Figure 16. Administrative costs per TB program application processed for FY 2016 and projected costs for FY 2017 Washington state, FY 2016 and projected FY 2017

Source: Employment Security Department and Workforce Development Councils' administrative data

Program cost measure	FY 2016	Projected FY 2017	
Total administrative costs	\$944.420	\$1,002,745	
Applications processed	2,933	2,933	
Applications approved	1,626	1,626	
Percentage approved	55%	55%	
Cost per application processed	\$322	\$342	

Average cost per application processed has dropped from approximately \$500 in FY 2011 to \$322 in FY 2016 but is expected to climb to \$340 in FY 2017.

#### **TB** program funding obligations

Through Aug. 13, 2016, a total of \$230,763,019 has been paid out of TB funds over the history of the program. This represents about 58 percent of total funds made available for the program. A total of \$12,133,169 was paid out in FY 2016 and \$1,175,919 through Aug. 13, 2012, of FY 2017. The balance of future obligations is \$3,141,698.<sup>20</sup>

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<sup>&</sup>lt;sup>20</sup> Employment Security Department administrative data.

## **Appendices**

#### Appendix 1. Survey methodology and response rate

#### **Approach**

In accordance with state law (*RCW 50.22.157*), the Employment Security Department (ESD) surveys Training Benefits (TB) participants each year to collect information about the participants' training programs and subsequent employment experiences. In 2016, the Social and Economic Sciences Research Center (SESRC) at Washington State University conducted this survey on behalf of ESD. The survey collected information on the participants' training status, specific training pursued, current employment status and wages and the perceived impact of training. The full questionnaire is included in *Appendix 2*.

#### Survey design

The total population of TB participants who were approved for the program in calendar years (CY) 2012 through 2014 was surveyed. This sampling design allowed for a minimum of two years of follow-up on earnings and employment for those participants who were approved for their TB program plan.

The survey was conducted in spring 2016, via both telephone and the Internet.

Telephone and/or email follow-up was attempted to answer any questions that a respondent failed to complete. This reduced statistical bias in the survey results.

#### Response rate

Employment Security contracted with the Social and Economic Sciences Research Center (SESRC) at Washington State University to survey 6,608 claimants approved for the TB program who were approved from Jan. 1, 2012, through Dec. 31, 2014. SESRC received 2,936 usable responses, for a response rate of 44.4 percent.

#### Appendix figure A1-1. Survey results

Washington state, spring 2016

Source: Employment Security Department, LMPA, 2016 Training Benefits survey

Survey results	Count
TB program population (CY 2011 through 2013)	6,608
Usable responses	2,936
Response rate in percent	44.4%

## Appendix 2. Survey questionnaire

#### TRAINING BENEFITS PROGRAM SURVEY

#### WEB-BASED QUESTIONNAIRE<sup>21</sup>

2016

	r <mark>odu</mark> e Soc	ction to the individual
<u>Intı</u>	e Soc	ction to the individual
on exp	erien	ial and Economic Science Research Center at Washington State University is collecting data of the Washington State Employment Security Department. We are interested in your acce with Unemployment Insurance Training Benefits Program, which pays extended by benefits to eligible participants while they attend approved training to learn new jobs.
1.		records show that you were approved for training with the Training Benefits gram in connection with your unemployment insurance application.
	Yes	e you started your training?  Go to Q. 2  Go to Q. 4
2.	Wha	at was (is) the name of the training program?
3.	a. b. c.	degree, certificate or license required for the job you are training for?  Yes  No  Unknown  to Q. 5
4.		ow is a list of reasons why you haven't started your training program. For each please mark if that was or was not a reason.  You found a job that met your needs  You did not have enough money for tuition fees, supplies and/or books  You needed to find a job rather than start school  You returned to your former job  You had other family responsibilities  Other reasons (please specify):
		Go to End of Questions – Closing

 $<sup>^{\</sup>rm 21}$  The same questions and sequence were used for the telephone interviews.

5.	Did	you complete this training?
	a.	Yes
	b.	No Go to Q. 8
	c.	Still in training. Go to end of Questions - Closing.
6.	Did	you use any of the following sources to pay for your tuition?
	a.	Personal funds
	b.	Family support
	c.	Other governmental assistance, for example, GI Bill or Workforce Investment Act (WIA)
	d.	Financial assistance through the school or college
	e.	Training Benefits weekly funds
	f.	Some other source of funds (please specify):
7.	Wh	en did you complete this training?
	Mot	nth/Year <b>Go to Q. 10</b>
8.		en did you stop taking this training? nth/Year
9.		ow is a list of reasons you might have for not completing the training. For each , please mark if that was or was not a reason.  You found a job that met your needs
	b.	You needed to find a job rather than continue school
	c.	You returned to your former job
	d.	You did not have enough money for tuition fees, supplies and/or books
	e.	Your unemployment benefits ended before you completed the program
	f.	Some other reasons (please specify):
		Go to end of Questions – Closing.
Cu	rren	t employment history
10	Are	you working now?
	a.	Yes
	b.	No Go to end of Questions – Closing.
11		en did you start this job? nth/Year
12	. Hot	w much help was the training for you in getting this job?
	a.	Not at all helpful
	b.	A little helpful
	c.	Moderately helpful
	d.	Very helpful
13		you employed in a field for which you were retrained?
-5	a.	Yes
	b.	No

<ul><li>14. After completing your training, did you go back and work for the same employer that you were laid off from?</li><li>a. Yes</li><li>b. No</li></ul>
15. What is your current job title or occupation?  a. Job title or occupation:  b. What do you do in this job?
<ul><li>b. What do you do in this job?</li></ul>
17. What is your rate of pay <i>before taxes and deductions</i> ?
\$ per hour or \$ per  End of Questions – Closing
This completes the questions. Do you have any questions or comments concerning this questionnaire? If so, please enter them in the space below.
Comments:
Your completed questionnaire has been received. Thank You!
Comments and notes (of the interviewer – relevant for telephone interviews and item nonresponse callbacks.)