

Unemployment Insurance Trust Fund Forecast September 2019

Executive summary

This report provides the status and updated projections of the state's unemployment insurance trust fund for 2016 through 2023.

As of September 30th, 2019, the Washington state Unemployment Insurance (UI) trust fund ending balance was \$4.79 billion. Unemployment benefit payments for fiscal year 2019 totaled \$930.67 million while revenues generated to fund the UI program in fiscal year 2019 totaled \$1.09 billion. Based upon current economic conditions, it is projected that the UI trust balance will remain solvent through 2023, with the months of benefits available in the fund projected to be between 14.1 and 15.3 months of benefits.

Contents

This report contains the following items:

- Employer contributions, benefit payments and projected trust fund balance through 2023;
- September 2019 forecast compared to the May 2019 forecast; and
- *Appendix 1*: Economic assumptions for the September 2019 forecast compared to the May 2019 forecast.

If you have any questions or concerns, please contact Gustavo Avilés, Manager, Program Evaluation, Research and Analysis at 360-507-9552 or at GAviles@esd.wa.gov.

Introduction

This report provides information on Washington state's employer contributions, benefits and unemployment trust fund current and projected balances. The Employment Security Department's unemployment trust fund projections are reviewed and adjusted several times a year. The adjustments are made by changing several variables in the trust fund model, which are derived from the state's Economic and Revenue Forecast Council's (ERFC) quarterly economic forecast and updated unemployment insurance recipiency rates, and by replacing forecasted data with the most current actual data.

This forecast uses the September 2019 ERFC assumptions and actual unemployment insurance tax and benefit data through September 30, 2019. The economic assumptions used for this forecast and the September 2019 forecast are provided in *Appendix 1*.

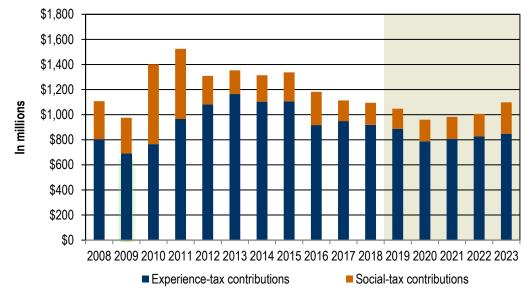
Employer contributions

Employer contributions were about \$1.09 billion in 2018 and are projected to be approximately \$1.05 billion in 2019. Employer taxes are projected to decrease through 2020 and then gradually increase through 2023. We are seeing this decrease as we extend deeper into the post-recession recovery because each year's experience-rated taxes are based on employers' benefit payments of the previous four years.

Figure 1 shows projected annual employer experience tax and social tax contributions through the end of 2023.

Figure 1. Washington state unemployment insurance employer tax contributions Washington state, 2008 through 2023

Source: Employment Security Department/LMEA/ETA 2112/UI Wage File



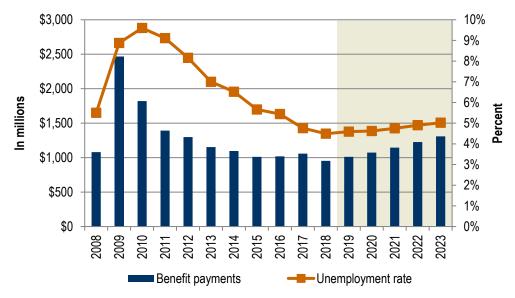
Note: Highlighted years reflect projected data.

Employer tax contributions were about \$1.09 billion in 2018 and are projected to be approximately \$1.05 billion in 2019.

Unemployment benefit payments

Benefit payments from the unemployment trust fund were approximately \$952.91 million in 2018 and are projected to increase to \$1.01 billion by 2019, decreasing through 2021 before increasing steadily through 2023. *Figure 2* shows annual projections of benefit payments from the trust fund and the projected state unemployment rate through 2023. Federally funded benefits such as emergency unemployment compensation (EUC) and extended benefits are excluded from *Figure 2*.

Figure 2. Benefit payments from state unemployment trust fund Washington state, 2008 through 2023 Source: Employment Security Department/LMEA/ETA 2112/UI Wage File



Note: Highlighted years reflect projected data.

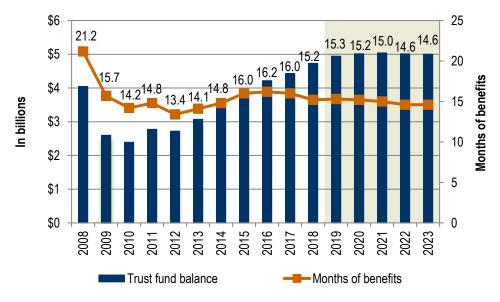
Benefit payments from the trust fund were approximately \$952.91 million in 2018 and are projected to increase to \$1.01 billion by 2019.

Trust fund balance

As of May 31, 2019, Washington state had \$4.71 billion (approximately 15.7 months of benefits) in the unemployment trust fund.

Figure 3 below shows the annual projected year-end trust fund balance through 2023. The orange line represents the months of benefits available on the date when unemployment insurance tax rates for the following year are calculated (September 30). It is important to note that individual years can have the same trust fund balance, but different months of benefits. There is not one standard cost for a month of benefits; this is seen in Figure 3 where 2020 is projected to have fewer months of benefits but a higher trust fund balance than 2019. The cost of a month of benefits varies depending on how many people in the state are working and how much they are earning.

Figure 3. Washington state unemployment trust fund and months of benefits Washington state, 2008 through 2023 Source: Employment Security Department/LMEA/ETA 2112/UI Wage File



Note: Highlighted years reflect projected data.

The trust fund balance was at 15.2 months of benefits in 2018 and is projected to maintain 15.3 months of benefits in 2019, before decreasing through 2023.

Trust fund scenario: September 2019 forecast compared to May 2019

This scenario compares the September 2019 forecast (top) to the published May 2019 forecast (bottom).

Figure 4. Washington state trust fund forecast Washington state, September 2019 and May 2019

Source: Employment Security Department/LMEA/ETA 2112/ETA 5159/UI Wage File

Average experience tax rate (percent)	Une (based on actual data through September 30, 2	mployment tru 019, and Septe	st fund: Septe ember 2019 Wa	ember 2019 Ba ashington Stat	seline Forecas te Economic a	st nd Revenue F	orecast Counc	il assumption	s)
Experience hax contributions (in millions)	Taxes	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023
Experience hax contributions (in millions)	Average experience tax rate (percent)	1.07%	1.00%	0.89%	0.87%	0.75%	0.75%	0.75%	0.75%
Flat social tax rate (percent)									
Social tax contributions (in millions)									
Solvency Jax rate (percent)									
Solvency tax contributions 0									
Total tax contributions (in millions)									
State Stat			-		-	-			0.97%
Weeks compensated (in millions) - regular benefits 2.3 2.2 2.0 2.1 2.2 2.2 2.3 2.3									
Average weekly benefit amount									
Average weekly benefit amount	Weeks compensated (in millions) - regular benefits	2.3	2.2	2.0	2.1	2.2	2.2	2.3	2.3
Regular benefit payments (in millions)									
Reimbursable benefit payments (in millions)	Regular benefit payments (in millions)	\$1,019.0	\$1,058.4	\$952.9	\$1,011.5	\$1,073.3	\$1,144.7	\$1,226.3	\$1,309.1
Total benefit payments (in millions)		\$957.9	\$994.9	\$895.7	\$950.8	\$1,008.9	\$1,076.1	\$1,152.7	\$1,230.6
Trust fund Beginning trust fund balance (in millions) \$3,900.7 \$4,215.5 \$4,429.5 \$4,731.1 \$4,942.0 \$5,012.2 \$5,039.6 \$5,014.1 Trust fund interest (in millions) \$90.0 \$95.1 \$102.6 \$113.6 \$119.2 \$120.6 \$120.8 \$120.1 Total tax contributions (in millions) \$1,182.6 \$1,113.8 \$1,094.7 \$1,048.1 \$959.9 \$982.9 \$1,006.4 \$1,098.2 Reimbursements from reimbursables (in millions) \$61.1 \$63.5 \$57.2 \$60.7 \$64.4 \$68.7 \$73.6 \$78.5 Total benefit payments (in millions) \$1,019.0 \$1,058.4 \$952.9 \$1,011.5 \$1,073.3 \$1,144.7 \$1,226.3 \$1,309.1 Ending trust fund balance as of 12/31 (in millions) \$4,215.5 \$4,429.5 \$4,731.1 \$4,942.0 \$5,012.2 \$5,039.6 \$5,014.1 \$5,001.8 Months of benefits available as of 9/30 16.2 16.0 15.2 15.3 15.2 15.0 14.6 Unemployment trust fund: May 2019 Baseline Forecast (based on actual data through March 31,2019, and May 2019 Washington State Economic and Revenue Forecast Council assumptions) Taxes	Reimbursable benefit payments (in millions)	\$61.1	\$63.5	\$57.2	\$60.7	\$64.4	\$68.7	\$73.6	\$78.5
Page	Total benefit payments (in millions)	\$1,019.0	\$1,058.4	\$952.9	\$1,011.5	\$1,073.3	\$1,144.7	\$1,226.3	\$1,309.1
Trust fund interest (in millions)	Trust fund								
Trust fund interest (in millions)	Beginning trust fund balance (in millions)	\$3.900.7	\$4.215.5	\$4.429.5	\$4.731.1	\$4.942.0	\$5.012.2	\$5.039.6	\$5.014.1
Total tax contributions (in millions)	Trust fund interest (in millions)								
Reimbursements from reimbursables (in millions) \$61.1 \$63.5 \$57.2 \$60.7 \$64.4 \$68.7 \$73.6 \$78.5 Total benefit payments (in millions) \$1,019.0 \$1,058.4 \$952.9 \$1,011.5 \$1,073.3 \$1,144.7 \$1,226.3 \$1,309.1 Ending trust fund balance as of 12/31 (in millions) \$4,215.5 \$4,429.5 \$4,731.1 \$4,942.0 \$5,012.2 \$5,039.6 \$5,014.1 \$5,001.8 Months of benefits available as of 9/30 16.2 16.0 15.2 15.3 15.2 15.0 14.6 14.6 Unemployment trust fund: May 2019 Baseline Forecast (based on actual data through March 31, 2019, and May 2019 Washington State Economic and Revenue Forecast Council assumptions) Taxes	,					· ·			
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Months of benefits available as of 9/30				-					
Unemployment trust fund: May 2019 Baseline Forecast	,								
Cy 2016 CY 2017 CY 2018 CY 2019 CY 2020 CY 2021 CY 2022 CY 2023	I MOTILIO DI DETICITO AVAIIADIE GO DI JIJU								
Average experience tax rate (percent)						10.2	10.0	1-1.0	17.0
Experience tax contributions (in millions)		Unemploymen	t trust fund: M	lay 2019 Basel	ine Forecast				14.0
Flat social tax rate (percent)	(based on actual data through March 31,	Unemploymen 2019, and May	t trust fund: M 2019 Washin	lay 2019 Basel gton State Eco	ine Forecast pnomic and Re	venue Foreca	st Council ass	umptions)	
Social tax contributions (in millions) \$265.9	(based on actual data through March 31,	Unemploymen 2019, and May CY 2016	t trust fund: M 2019 Washin CY 2017	ay 2019 Basel gton State Ecc CY 2018	ine Forecast onomic and Re CY 2019	evenue Foreca	st Council ass	cumptions)	CY 2023
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Note: The total average tax rate cannot be reached by adding the average experience tax rate and the flat social tax rate due to social tax caps and other factors.

Appendix 1: Economic assumptions

The events since the last forecast have made little impact toward the state's Economic and Revenue Forecast Council's outlook for the future. Overall, revisions to the current economic forecast call for a slightly less optimistic outlook.

The Employment Security Department's unemployment trust fund projections are reviewed and adjusted several times a year. The adjustments are made by changing several variables in the trust fund model, which are derived from the Economic and Revenue Forecast Council's quarterly economic forecast, IHS Global Insight and updated unemployment insurance recipiency rates, and by replacing forecasted data with the most current actual data. *Appendix figure A-1* shows the major economic inputs used in the trust fund model with a comparison to the prior forecast.

Appendix figure A-1. Washington state economic and revenue projections Washington state, September 2019 and May 2019 Source: Washington State Economic and Revenue Forecast Council/IHS Global Insight

Unemployment rate (percent of workforce)				
Year	Sep-19	Mav-19		
2016	5.44%	5.44%		
2017	4.76%	4.76%		
2018	4.49%	4.49%		
2019	4.59%	4.39%		
2020	4.62%	4.50%		
2021	4.75%	4.73%		
2022	4.90%	4.83%		
2023	5.02%	4.89%		

Employment growth (percent growth)				
Year	Sep-19	May-19		
2016	2.44%	2.44%		
2017	2.40%	2.40%		
2018	2.50%	2.50%		
2019	1.90%	2.20%		
2020	1.70%	1.50%		
2021	1.10%	1.00%		
2022	1.00%	1.10%		
2023	1.00%	1.00%		

Personal income (percent growth)				
Year	Sep-19	Mav-19		
2016	7.33%	7.33%		
2017	6.10%	6.10%		
2018	7.00%	6.90%		
2019	5.60%	4.60%		
2020	4.80%	4.80%		
2021	4.70%	4.80%		
2022	4.70%	4.80%		
2023	5.10%	4.70%		

Consumer Price Index (percent growth)				
Year	Sep-19	May-19		
2016	1.30%	1.30%		
2017	2.10%	2.10%		
2018	2.40%	2.40%		
2019	1.80%	1.90%		
2020	2.20%	2.20%		
2021	2.20%	2.20%		
2022	2.20%	2.20%		
2023	2.20%	2.10%		

Definitions of economic variables:

- Unemployment rate: The rate computed by dividing total unemployed by the civilian labor force. The unemployment rate is used as an input into the forecasting of benefits. These unemployment rates are seasonally adjusted. Seasonal adjustment smooths out the impact of normal seasonal patterns that occur year after year, such as strong seasonal hiring in retail trade around the holidays.
- Wage and salary disbursements: This component of personal income consists of
 the monetary remuneration of employees. It reflects the amount of wages and
 salaries disbursed, but not necessarily earned, during the year. This component is
 measured before deductions, such as Social Security contributions and union
 dues. The percentage growth for wage and salary disbursements is used in
 projecting future wages.
- Employment growth: The percentage change in overall employment from year to year. Employment growth is used in the trust fund model as a means of forecasting total employment.
- Consumer Price Index (CPI): A measure of the average change over time in the
 prices paid by urban consumers for a market basket of consumer goods and
 services. CPI is used in the forecast as a means of adjusting the dollar values.