



Revised September 2020 Economic Forecast

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We have updated the preliminary September economic forecast, which was released on August 27, 2020. The revised September economic forecast reflects a more recent national economic forecast and another month of Washington employment data. This updated economic forecast will form the basis of the September 2020 revenue forecast scheduled for adoption on September 23, 2020.

The following tables compare the revised September economic forecast with the preliminary September forecast as well as with the forecast adopted in June 2020.

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U.S. Forecast Comparison

	2020Q2	2020Q3	2020Q4	2021Q1
Real GDP (Billions of 2012 Dollars)				
September Forecast, Final	17,282	18,183	18,384	18,612
Percent Change	-31.7%	22.5%	4.5%	5.1%
September Forecast, Preliminary	17,206	17,976	18,241	18,494
Percent Change	-32.9%	19.1%	6.0%	5.7%
Real Consumption (Billions of 2012 Dollars)				
September Forecast, Final	11,820	12,603	12,750	12,886
Percent Change	-34.1%	29.3%	4.7%	4.3%
September Forecast, Preliminary	11,797	12,432	12,646	12,796
Percent Change	-34.6%	23.3%	7.1%	4.8%
PCE Price Index (2012=100)				
September Forecast, Final	110.4	111.3	111.7	112.3
Percent Change	-1.8%	3.5%	1.1%	2.3%
September Forecast, Preliminary	110.4	111.2	111.5	112.2
Percent Change	-1.9%	2.9%	1.3%	2.5%
Real Personal Income (Billions of 2012 Dollars)				
September Forecast, Final	18,482	17,472	18,196	16,804
Percent Change	36.7%	-20.1%	17.6%	-27.3%
September Forecast, Preliminary	18,432	18,083	18,113	16,746
Percent Change	35.2%	-7.3%	0.7%	-26.9%
Nonfarm Payroll Employment (Millions)				
September Forecast, Final	133.7	140.3	143.4	145.3
Percent Change	-40.0%	21.3%	9.0%	5.6%
September Forecast, Preliminary	133.7	140.6	143.7	144.8
Percent Change	-40.0%	22.4%	9.0%	3.1%
Unemployment Rate (Percent of Labor Force)				
September Forecast, Final	13.0	9.3	8.0	7.1
September Forecast, Preliminary	13.0	9.7	8.4	8.1
Oil Price, Refiner's Acquisition				
September Forecast, Final	25.7	40.0	39.4	40.5
September Forecast, Preliminary	25.7	41.3	42.8	43.8
30 Year Fixed Mortgage Rate (Percent, average)				
September Forecast, Final	3.2	3.0	3.0	3.1
September Forecast, Preliminary	3.2	3.0	3.0	3.0
3 Month T-Bill Rate (Percent, average)				
September Forecast, Final	0.1	0.1	0.1	0.1
September Forecast, Preliminary	0.1	0.1	0.1	0.1

2019	2020	2021	2022	2023	2024	2025
19,092	18,215	18,912	19,641	20,195	20,702	21,181
2.2%	-4.6%	3.8%	3.9%	2.8%	2.5%	2.3%
19,092	18,108	18,798	19,529	20,138	20,638	21,092
2.2%	-5.2%	3.8%	3.9%	3.1%	2.5%	2.2%
13,240	12,573	13,093	13,575	13,969	14,322	14,668
2.4%	-5.0%	4.1%	3.7%	2.9%	2.5%	2.4%
13,240	12,498	13,015	13,472	13,855	14,188	14,512
2.4%	-5.6%	4.1%	3.5%	2.8%	2.4%	2.3%
109.9	111.1	113.2	115.1	116.8	118.9	121.2
1.5%	1.1%	1.9%	1.7%	1.5%	1.7%	2.0%
109.9	111.0	113.0	114.6	116.1	118.0	120.1
1.5%	1.0%	1.8%	1.4%	1.3%	1.6%	1.9%
16,888	17,810	16,972	17,491	18,014	18,449	18,921
2.4%	5.5%	-4.7%	3.1%	3.0%	2.4%	2.6%
16,888	17,931	16,988	17,538	18,058	18,456	18,930
2.4%	6.2%	-5.3%	3.2%	3.0%	2.2%	2.6%
150.9	142.3	146.9	150.9	153.7	155.7	157.1
1.4%	-5.7%	3.2%	2.7%	1.9%	1.3%	0.9%
150.9	142.5	146.2	150.4	154.1	156.3	157.9
1.4%	-5.6%	2.6%	2.9%	2.5%	1.4%	1.0%
3.7	8.5	6.5	5.0	4.2	3.7	3.6
3.7	8.7	7.5	5.6	4.3	3.8	3.6
59.4	38.1	41.9	44.0	45.5	46.8	48.1
59.4	39.3	44.7	46.1	47.2	48.2	49.2
3.9	3.2	3.1	3.1	3.1	3.3	3.5
3.9	3.2	3.0	3.1	3.1	3.3	3.5
2.1	0.4	0.1	0.1	0.1	0.1	0.1
2.1	0.4	0.1	0.1	0.1	0.1	0.1

U.S. Forecast Comparison

	2020Q2	2020Q3	2020Q4	2021Q1
Real GDP (Billions of 2012 Dollars)				
September Forecast	17,282	18,183	18,384	18,612
Percent Change	-31.7%	22.5%	4.5%	5.1%
June Forecast	16,983	17,665	18,032	18,319
Percent Change	-35.8%	17.1%	8.6%	6.5%
Real Consumption (Billions of 2012 Dollars)				
September Forecast	11,820	12,603	12,750	12,886
Percent Change	-34.1%	29.3%	4.7%	4.3%
June Forecast	11,639	12,206	12,495	12,682
Percent Change	-39.2%	21.0%	9.8%	6.1%
PCE Price Index (2012=100)				
September Forecast	110.4	111.3	111.7	112.3
Percent Change	-1.8%	3.5%	1.1%	2.3%
June Forecast	110.2	110.7	111.0	111.4
Percent Change	-1.6%	1.6%	1.2%	1.4%
Real Personal Income (Billions of 2012 Dollars)				
September Forecast	18,482	17,472	18,196	16,804
Percent Change	36.7%	-20.1%	17.6%	-27.3%
June Forecast	17,633	17,588	17,223	17,344
Percent Change	12.4%	-1.0%	-8.0%	2.8%
Nonfarm Payroll Employment (Millions)				
September Forecast	133.7	140.3	143.4	145.3
Percent Change	-40.0%	21.3%	9.0%	5.6%
June Forecast	133.6	139.5	143.5	146.6
Percent Change	-40.2%	18.7%	12.0%	9.0%
Unemployment Rate (Percent of Labor Force)				
September Forecast	13.0	9.3	8.0	7.1
June Forecast	12.9	10.2	8.6	7.1
Oil Price, Refiner's Acquisition				
September Forecast	25.7	40.0	39.4	40.5
June Forecast	27.1	38.9	39.4	39.9
30 Year Fixed Mortgage Rate (Percent, average)				
September Forecast	3.2	3.0	3.0	3.1
June Forecast	3.3	3.5	3.4	3.1
3 Month T-Bill Rate (Percent, average)				
September Forecast	0.1	0.1	0.1	0.1
June Forecast	0.2	0.3	0.2	0.1

	2019	2020	2021	2022	2023	2024	2025
September Forecast	19,092	18,215	18,912	19,641	20,195	20,702	21,181
Percent Change	2.2%	-4.6%	3.8%	3.9%	2.8%	2.5%	2.3%
June Forecast	19,073	17,914	18,630	19,364	19,986	20,449	20,913
Percent Change	2.3%	-6.1%	4.0%	3.9%	3.2%	2.3%	2.3%
September Forecast	13,240	12,573	13,093	13,575	13,969	14,322	14,668
Percent Change	2.4%	-5.0%	4.1%	3.7%	2.9%	2.5%	2.4%
June Forecast	13,280	12,380	12,922	13,357	13,742	14,102	14,471
Percent Change	2.6%	-6.8%	4.4%	3.4%	2.9%	2.6%	2.6%
September Forecast	109.9	111.1	113.2	115.1	116.8	118.9	121.2
Percent Change	1.5%	1.1%	1.9%	1.7%	1.5%	1.7%	2.0%
June Forecast	109.7	110.6	112.0	113.6	115.4	117.3	119.4
Percent Change	1.4%	0.9%	1.3%	1.4%	1.5%	1.6%	1.8%
September Forecast	16,888	17,810	16,972	17,491	18,014	18,449	18,921
Percent Change	2.4%	5.5%	-4.7%	3.1%	3.0%	2.4%	2.6%
June Forecast	16,969	17,393	17,514	17,899	18,276	18,619	19,134
Percent Change	3.0%	2.5%	0.7%	2.2%	2.1%	1.9%	2.8%
September Forecast	150.9	142.3	146.9	150.9	153.7	155.7	157.1
Percent Change	1.4%	-5.7%	3.2%	2.7%	1.9%	1.3%	0.9%
June Forecast	150.9	142.1	149.1	152.8	154.7	156.0	157.4
Percent Change	1.4%	-5.8%	4.9%	2.5%	1.2%	0.8%	0.9%
September Forecast	3.7	8.5	6.5	5.0	4.2	3.7	3.6
June Forecast	3.7	8.9	6.2	5.0	4.4	4.3	4.1
September Forecast	59.4	38.1	41.9	44.0	45.5	46.8	48.1
June Forecast	59.3	38.2	40.7	42.6	44.5	46.2	47.9
September Forecast	3.9	3.2	3.1	3.1	3.1	3.3	3.5
June Forecast	3.9	3.4	3.1	3.0	3.0	3.2	3.4
September Forecast	2.1	0.4	0.1	0.1	0.1	0.1	0.1
June Forecast	2.1	0.5	0.1	0.1	0.1	0.1	0.2

Washington Forecast Comparison

	2020Q2	2020Q3	2020Q4	2021Q1
Real Personal Income (Billions of 2012 Dollars)				
September Forecast, Final	495.5	472.3	489.9	457.0
Percent Change	35.1%	-17.5%	15.8%	-24.3%
September Forecast, Preliminary	494.2	485.1	485.9	453.6
Percent Change	33.6%	-7.2%	0.7%	-24.0%
Personal Income (Billions of Dollars)				
September Forecast, Final	547.0	525.9	547.1	513.3
Percent Change	32.7%	-14.5%	17.1%	-22.5%
September Forecast, Preliminary	545.3	539.2	541.9	509.0
Percent Change	31.1%	-4.4%	2.0%	-22.1%
Disposable Personal Income (Billions of Dollars)				
September Forecast, Final	498.4	473.5	494.7	459.2
Percent Change	46.7%	-18.5%	19.1%	-25.8%
September Forecast, Preliminary	496.0	487.1	489.5	455.1
Percent Change	44.1%	-7.1%	2.0%	-25.3%
Nonfarm Payroll Employment (Thousands)				
September Forecast, Final	3097	3267	3340	3394
Percent Change	-39.5%	23.8%	9.3%	6.7%
September Forecast, Preliminary	3097	3255	3328	3364
Percent Change	-39.5%	22.1%	9.2%	4.5%
Unemployment Rate (Percent of Labor Force)				
September Forecast, Final	13.8	9.1	8.0	7.1
September Forecast, Preliminary	13.8	9.5	8.4	8.0
Manufacturing Employment (Thousands)				
September Forecast, Final	261.5	261.1	266.9	266.2
Percent Change	-36.1%	-0.7%	9.2%	-1.0%
September Forecast, Preliminary	261.5	261.1	262.9	260.8
Percent Change	-36.1%	-0.6%	2.9%	-3.3%
Construction Employment (Thousands)				
September Forecast, Final	180.0	196.1	205.0	204.6
Percent Change	-58.2%	40.7%	19.5%	-0.8%
September Forecast, Preliminary	180.0	197.4	202.1	201.4
Percent Change	-58.2%	44.6%	9.9%	-1.3%
Housing Permits (Thousands)				
September Forecast, Final	40.3	41.0	45.5	44.8
Percent Change	-57.0%	6.5%	52.4%	-6.7%
September Forecast, Preliminary	40.3	41.0	44.0	43.9
Percent Change	-57.0%	6.5%	32.9%	-1.3%

	2019	2020	2021	2022	2023	2024	2025
Real Personal Income (Billions of 2012 Dollars)							
September Forecast, Final	450.0	479.4	461.6	475.5	489.8	501.8	515.5
Percent Change	4.2%	6.5%	-3.7%	3.0%	3.0%	2.4%	2.7%
September Forecast, Preliminary	450.0	481.2	460.3	475.1	488.8	500.2	514.5
Percent Change	4.2%	6.9%	-4.3%	3.2%	2.9%	2.3%	2.9%
Personal Income (Billions of Dollars)							
September Forecast, Final	494.4	532.4	522.4	547.5	572.3	596.4	624.7
Percent Change	5.8%	7.7%	-1.9%	4.8%	4.5%	4.2%	4.7%
September Forecast, Preliminary	494.4	534.0	520.0	544.3	567.4	590.0	618.1
Percent Change	5.8%	8.0%	-2.6%	4.7%	4.2%	4.0%	4.8%
Disposable Personal Income (Billions of Dollars)							
September Forecast, Final	439.7	479.9	467.2	488.5	510.2	531.4	556.1
Percent Change	5.2%	9.1%	-2.6%	4.6%	4.4%	4.1%	4.7%
September Forecast, Preliminary	439.7	481.3	464.6	485.3	505.6	525.4	550.3
Percent Change	5.2%	9.5%	-3.5%	4.5%	4.2%	3.9%	4.7%
Nonfarm Payroll Employment (Thousands)							
September Forecast, Final	3468	3304	3440	3545	3616	3662	3701
Percent Change	2.0%	-4.7%	4.1%	3.1%	2.0%	1.3%	1.1%
September Forecast, Preliminary	3468	3298	3407	3517	3603	3656	3705
Percent Change	2.0%	-4.9%	3.3%	3.3%	2.4%	1.5%	1.3%
Unemployment Rate (Percent of Labor Force)							
September Forecast, Final	4.3	8.8	6.6	5.2	4.6	4.2	4.1
September Forecast, Preliminary	4.3	9.0	7.5	5.9	4.8	4.4	4.3
Manufacturing Employment (Thousands)							
September Forecast, Final	293.6	270.5	268.2	272.9	274.1	272.9	272.9
Percent Change	2.0%	-7.9%	-0.8%	1.8%	0.4%	-0.5%	0.0%
September Forecast, Preliminary	293.6	269.5	262.6	266.2	269.1	269.1	270.1
Percent Change	2.0%	-8.2%	-2.6%	1.4%	1.1%	0.0%	0.4%
Construction Employment (Thousands)							
September Forecast, Final	219.3	201.2	203.1	201.2	200.4	199.1	200.6
Percent Change	2.9%	-8.3%	0.9%	-0.9%	-0.4%	-0.6%	0.7%
September Forecast, Preliminary	219.3	200.9	198.2	198.3	197.6	197.3	199.6
Percent Change	2.9%	-8.4%	-1.3%	0.1%	-0.4%	-0.2%	1.2%
Housing Permits (Thousands)							
September Forecast, Final	48.4	44.2	44.1	42.8	41.5	39.5	38.5
Percent Change	1.4%	-8.8%	-0.1%	-3.0%	-3.1%	-4.7%	-2.6%
September Forecast, Preliminary	48.4	43.8	43.8	43.0	41.9	40.0	38.9
Percent Change	1.4%	-9.6%	0.1%	-1.8%	-2.8%	-4.4%	-2.7%

Washington Forecast Comparison

	2020Q2	2020Q3	2020Q4	2021Q1
Real Personal Income (Billions of 2012 Dollars)				
September Forecast	495.5	472.3	489.9	457.0
Percent Change	35.1%	-17.5%	15.8%	-24.3%
June Forecast	470.9	468.1	460.0	463.1
Percent Change	13.6%	-2.3%	-6.8%	2.7%
Personal Income (Billions of Dollars)				
September Forecast	547.0	525.9	547.1	513.3
Percent Change	32.7%	-14.5%	17.1%	-22.5%
June Forecast	519.0	518.0	510.5	515.7
Percent Change	11.8%	-0.7%	-5.7%	4.1%
Disposable Personal Income (Billions of Dollars)				
September Forecast	498.4	473.5	494.7	459.2
Percent Change	46.7%	-18.5%	19.1%	-25.8%
June Forecast	478.3	475.9	463.7	465.6
Percent Change	28.0%	-2.0%	-9.9%	1.6%
Nonfarm Payroll Employment (Thousands)				
September Forecast	3097	3267	3340	3394
Percent Change	-39.5%	23.8%	9.3%	6.7%
June Forecast	3090	3202	3300	3373
Percent Change	-40.4%	15.3%	12.8%	9.2%
Unemployment Rate (Percent of Labor Force)				
September Forecast	13.8	9.1	8.0	7.1
June Forecast	14.1	11.1	9.3	7.8
Manufacturing Employment (Thousands)				
September Forecast	261.5	261.1	266.9	266.2
Percent Change	-36.1%	-0.7%	9.2%	-1.0%
June Forecast	260.9	254.5	255.5	258.0
Percent Change	-36.1%	-9.5%	1.6%	3.9%
Construction Employment (Thousands)				
September Forecast	180.0	196.1	205.0	204.6
Percent Change	-58.2%	40.7%	19.5%	-0.8%
June Forecast	175.7	178.2	184.2	187.5
Percent Change	-62.6%	5.8%	14.0%	7.4%
Housing Permits (Thousands)				
September Forecast	40.3	41.0	45.5	44.8
Percent Change	-57.0%	6.5%	52.4%	-6.7%
June Forecast	28.9	33.5	36.2	37.9
Percent Change	-88.6%	78.5%	37.7%	19.0%

	2019	2020	2021	2022	2023	2024	2025
Real Personal Income (Billions of 2012 Dollars)							
September Forecast	450.0	479.4	461.6	475.5	489.8	501.8	515.5
Percent Change	4.2%	6.5%	-3.7%	3.0%	3.0%	2.4%	2.7%
June Forecast	450.7	463.8	467.1	476.9	486.7	496.3	510.5
Percent Change	4.3%	2.9%	0.7%	2.1%	2.1%	2.0%	2.9%
Personal Income (Billions of Dollars)							
September Forecast	494.4	532.4	522.4	547.5	572.3	596.4	624.7
Percent Change	5.8%	7.7%	-1.9%	4.8%	4.5%	4.2%	4.7%
June Forecast	494.2	513.0	523.2	541.9	561.6	582.1	609.5
Percent Change	5.7%	3.8%	2.0%	3.6%	3.6%	3.6%	4.7%
Disposable Personal Income (Billions of Dollars)							
September Forecast	439.7	479.9	467.2	488.5	510.2	531.4	556.1
Percent Change	5.2%	9.1%	-2.6%	4.6%	4.4%	4.1%	4.7%
June Forecast	440.0	466.9	470.9	488.1	505.5	522.0	545.0
Percent Change	5.3%	6.1%	0.9%	3.7%	3.6%	3.3%	4.4%
Nonfarm Payroll Employment (Thousands)							
September Forecast	3468	3304	3440	3545	3616	3662	3701
Percent Change	2.0%	-4.7%	4.1%	3.1%	2.0%	1.3%	1.1%
June Forecast	3469	3277	3436	3535	3575	3603	3633
Percent Change	2.0%	-5.5%	4.9%	2.9%	1.1%	0.8%	0.8%
Unemployment Rate (Percent of Labor Force)							
September Forecast	4.3	8.8	6.6	5.2	4.6	4.2	4.1
June Forecast	4.3	9.7	6.8	5.7	5.2	5.2	5.1
Manufacturing Employment (Thousands)							
September Forecast	293.6	270.5	268.2	272.9	274.1	272.9	272.9
Percent Change	2.0%	-7.9%	-0.8%	1.8%	0.4%	-0.5%	0.0%
June Forecast	293.6	265.7	261.2	267.1	269.7	273.2	275.8
Percent Change	2.0%	-9.5%	-1.7%	2.3%	1.0%	1.3%	1.0%
Construction Employment (Thousands)							
September Forecast	219.3	201.2	203.1	201.2	200.4	199.1	200.6
Percent Change	2.9%	-8.3%	0.9%	-0.9%	-0.4%	-0.6%	0.7%
June Forecast	219.4	190.7	190.0	198.3	200.2	200.2	199.1
Percent Change	3.0%	-13.1%	-0.4%	4.4%	0.9%	0.0%	-0.5%
Housing Permits (Thousands)							
September Forecast	48.4	44.2	44.1	42.8	41.5	39.5	38.5
Percent Change	1.4%	-8.8%	-0.1%	-3.0%	-3.1%	-4.7%	-2.6%
June Forecast	48.4	37.1	38.9	40.5	39.7	37.9	37.7
Percent Change	1.4%	-23.4%	4.9%	4.1%	-2.1%	-4.4%	-0.5%