

# TaxData Updates

Generated on 2021-06-10

This report summarizes changes made in the TaxData repository that affect tax liability projections made by Tax-Calculator. All tables and graphs in this report are automatically generated.

This report reflects two changes to TaxData. First, we've resolved a bug that resulted in non-filers in the PUF being given weights of zero. Second, we've switched which linear programming model we use to for the stage 2 extrapolation process.

## Pull Requests and Issues

This report corresponds with the issues and pull requests listed below.

- #387: Fix zero weights issue
- #393: Switch to Tulip Solver

## Changes in Variable Availability

### PUF

*Added Variables* None

*Removed Variables* None

### CPS

*Added Variables* None

*Removed Variables* None

## CBO Projections

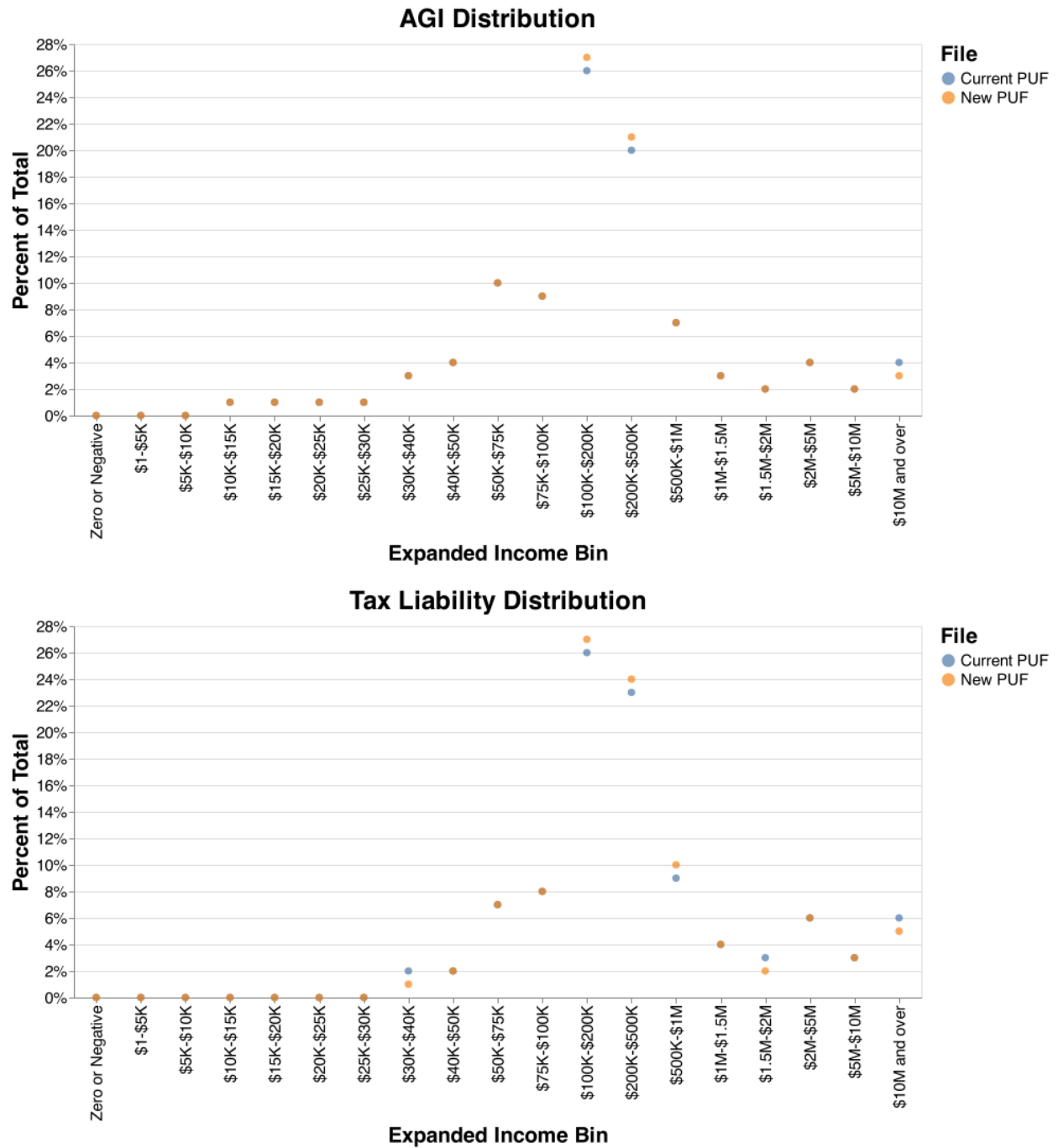
No changes to CBO projections.

# Growth Rate Projections

No changes to growth rate projections

# Distribution of Select Variables

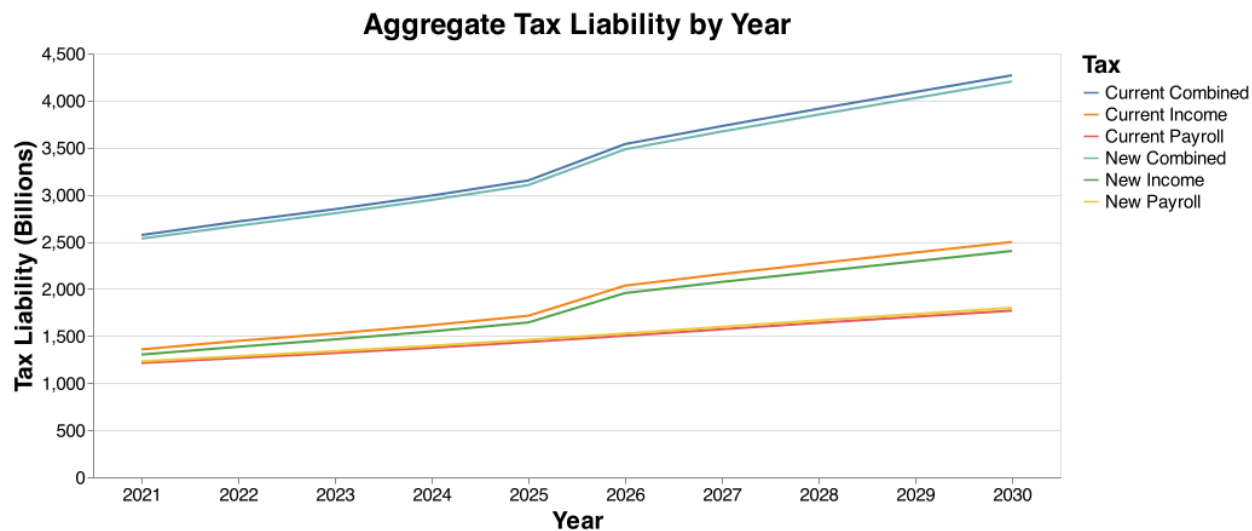
CPS



PUF

## Aggregate Tax Liability

CPS



### Combined Tax Liability by Year (Billions)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	2571.8	2715.4	2846.5	2990.7	3151.5	3537.6	3728.9	3912.2	4090.8	4268.2
New	2534.1	2670.8	2803	2945	3102.6	3482.4	3671	3850.7	4026.4	4202.7
Change	37.7	44.6	43.5	45.7	48.9	55.2	57.9	61.5	64.4	65.5
Pct Change	1.47	1.64	1.53	1.53	1.55	1.56	1.55	1.57	1.57	1.53

### Income Tax Liability by Year (Billions)

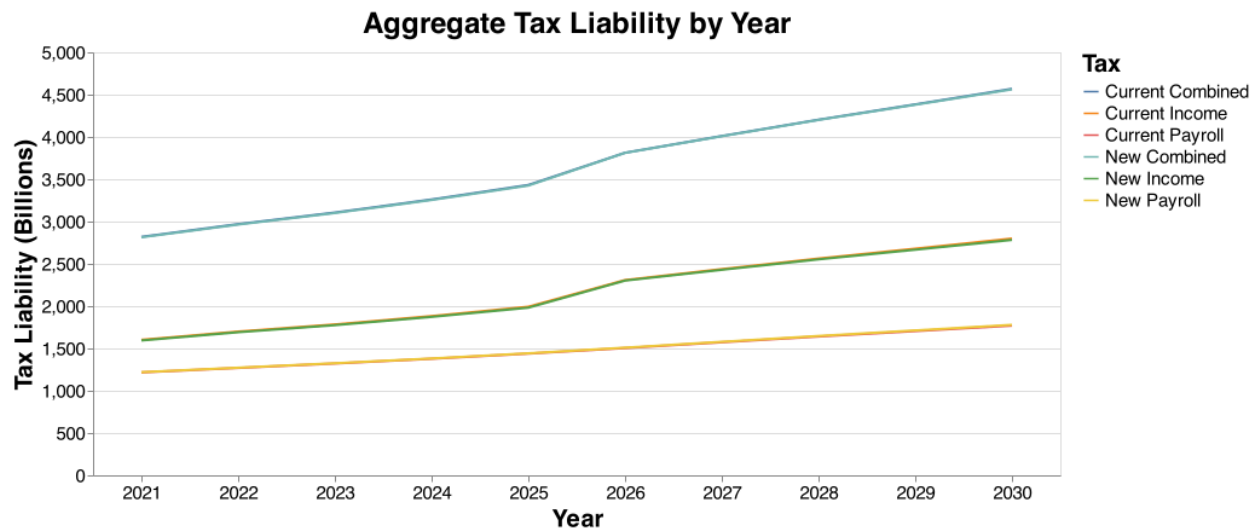
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	1357.9	1448.3	1526.9	1615.2	1714.7	2034.9	2157.3	2272.3	2386.1	2498.4
New	1302.9	1385.1	1463.9	1548.5	1643.6	1956	2074.1	2184.1	2293.2	2402.7
Change	55	63.2	63	66.7	71.1	78.9	83.2	88.2	92.9	95.7
Pct Change	4.05	4.36	4.13	4.13	4.15	3.88	3.86	3.88	3.89	3.83

### Payroll Tax Liability by Year (Billions)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	1213.9	1267.1	1319.5	1375.5	1436.8	1502.7	1571.6	1639.9	1704.7	1769.8
New	1231.2	1285.6	1339.1	1396.5	1459	1526.4	1596.9	1666.6	1733.2	1800
Change	-17.3	-18.5	-19.6	-21	-22.2	-23.7	-25.3	-26.7	-28.5	-30.2
Pct Change	-1.43	-1.46	-1.49	-1.53	-1.55	-1.58	-1.61	-1.63	-1.67	-1.71

PUF

None



### Combined Tax Liability by Year (Billions)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	2819.2	2969.8	3106.5	3261	3432.3	3813.4	4011.3	4203.9	4385	4569.1
New	2814.3	2964.5	3100.9	3254.8	3425.2	3811.7	4008.6	4201	4380.7	4562.4
Change	4.9	5.3	5.6	6.2	7.1	1.7	2.7	2.9	4.3	6.7
Pct Change	0.17	0.18	0.18	0.19	0.21	0.04	0.07	0.07	0.1	0.15

### Income Tax Liability by Year (Billions)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	1602	1699.9	1784.1	1882.7	1993.1	2308.5	2437.9	2562.8	2679.4	2799.2
New	1594.4	1691.9	1775.5	1873.2	1982	2302.3	2429.8	2553.2	2667.2	2783
Change	7.6	8	8.6	9.5	11.1	6.2	8.1	9.6	12.2	16.2
Pct Change	0.47	0.47	0.48	0.5	0.56	0.27	0.33	0.37	0.46	0.58

### Payroll Tax Liability by Year (Billions)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	1217.1	1269.9	1322.4	1378.3	1439.2	1504.9	1573.4	1641.2	1705.6	1769.9
New	1219.8	1272.6	1325.4	1381.6	1443.2	1509.4	1578.8	1647.8	1713.5	1779.4
Change	-2.7	-2.7	-3	-3.3	-4	-4.5	-5.4	-6.6	-7.9	-9.5
Pct Change	-0.22	-0.21	-0.23	-0.24	-0.28	-0.3	-0.34	-0.4	-0.46	-0.54