

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

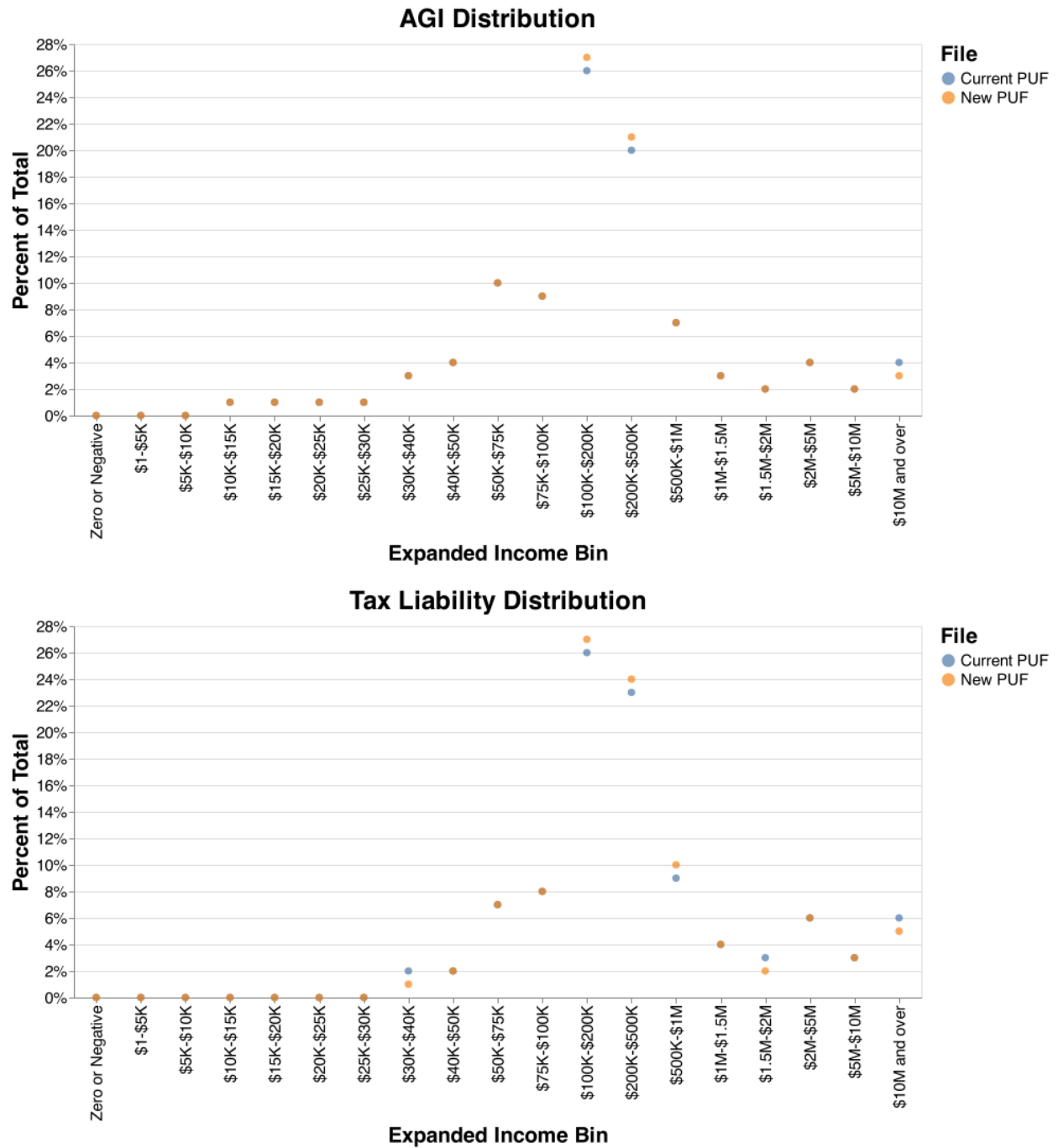
No changes to CBO projections.

Growth Rate Projections

No changes to growth rate projections

Distribution of Select Variables

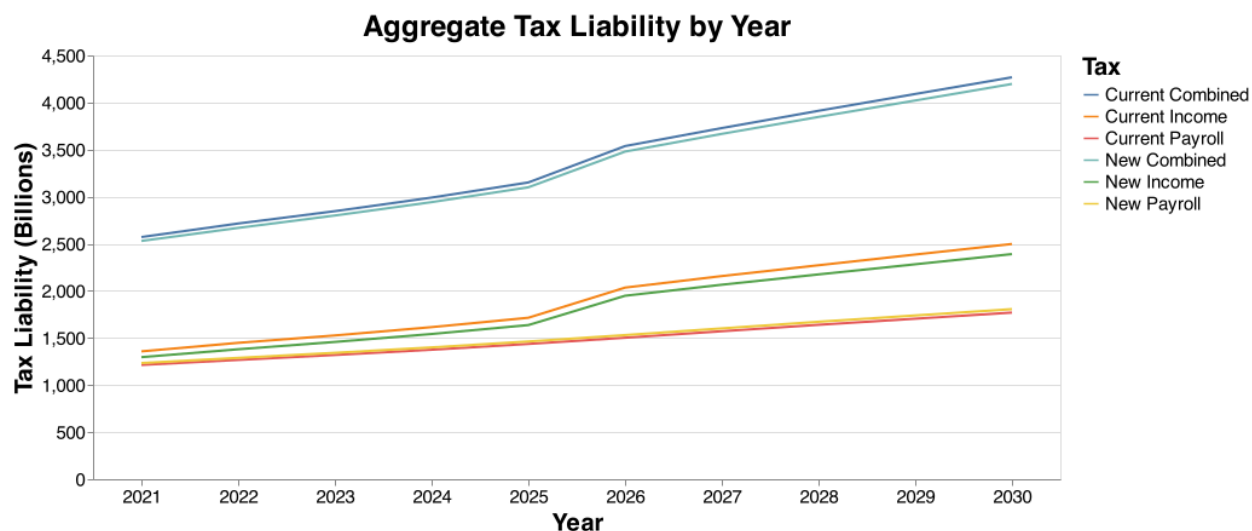
CPS



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	2530.4	2668.7	2800.4	2942.4	3100	3479.1	3667.2	3847.2	4021.7	4197.4
Change	41.4	46.7	46.1	48.3	51.5	58.5	61.7	65	69.1	70.8
Pct Change	1.61	1.72	1.62	1.62	1.63	1.65	1.65	1.66	1.69	1.66

Income Tax Liability by Year (Billions)

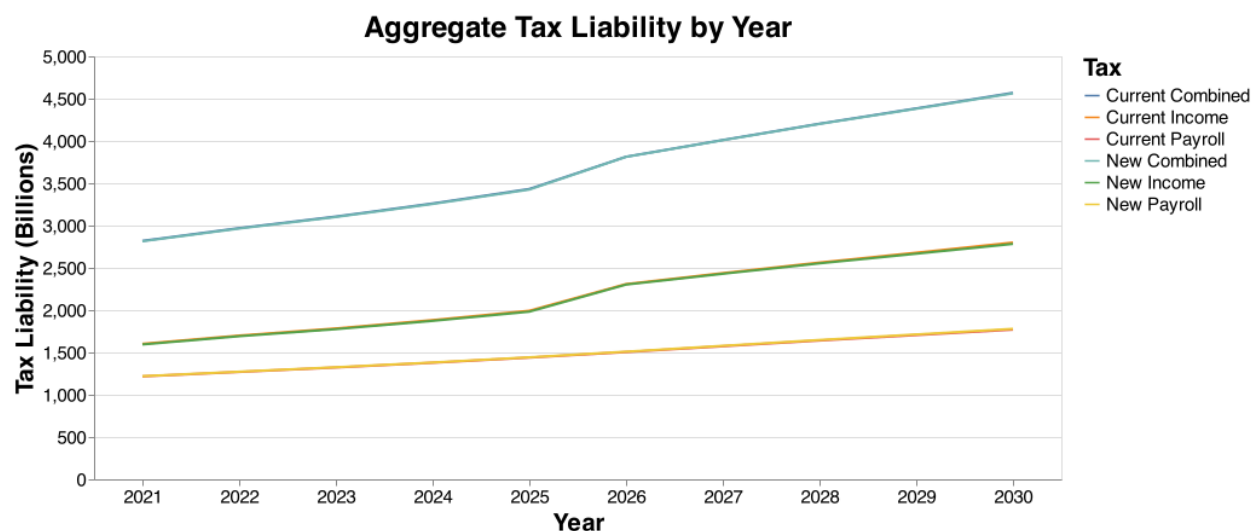
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Current	1357.9	1448.3	1526.9	1615.2	1714.7	2034.9	2157.3	2272.3	2386.1	2498.4
New	1296.4	1380	1458	1542.4	1637.1	1948.3	2065.5	2175	2282.5	2391
Change	61.5	68.3	68.9	72.8	77.6	86.6	91.8	97.3	103.6	107.4
Pct Change	4.53	4.72	4.51	4.51	4.53	4.26	4.26	4.28	4.34	4.3

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	1234	1288.7	1342.4	1400	1462.9	1530.8	1601.7	1672.2	1739.2	1806.4
Change	-20.1	-21.6	-22.9	-24.5	-26.1	-28.1	-30.1	-32.3	-34.5	-36.6
Pct Change	-1.66	-1.7	-1.74	-1.78	-1.82	-1.87	-1.92	-1.97	-2.02	-2.07

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	2814.2	2964.5	3100.9	3254.7	3425.3	3811.7	4008.6	4200.9	4380.6	4562.3
Change	5	5.3	5.6	6.3	7	1.7	2.7	3	4.4	6.8
Pct Change	0.18	0.18	0.18	0.19	0.2	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	1873.1	1982.1	2302.3	2429.8	2553.1	2667.1	2782.9
Change	7.6	8	8.6	9.6	11	6.2	8.1	9.7	12.3	16.3
Pct Change	0.47	0.47	0.48	0.51	0.55	0.27	0.33	0.38	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