



Six Economic Facts on International Corporate Taxation

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- Demystify complex but important tax law decisions.







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Introduction

In The Hamilton Project book Tackling the Tax Code: Efficient and Equitable Ways to Raise Revenue (Nunn and Shambaugh 2020), leading economists and other experts offered a range of detailed proposals for better tax policies that would raise revenue in a progressive and growth-friendly manner. That book includes policy proposals for several issues, including a value-added tax, a financial transactions tax, wealth and inheritance taxes, better enforcement and administration of old and new tax laws via enhanced Internal Revenue Service resources, and fixing the broken corporate and international tax systems. On that last point, Kimberly Clausing¹ contributed a policy proposal intended to raise additional revenue from US multinational corporations in efficient, equitable ways (Clausing 2020a). Congress is currently considering some of the essential aspects of Clausing's proposal.

In this set of economic facts, The Hamilton Project and the Tax Law Center at NYU Law present background on the international corporate tax proposals that US lawmakers are currently considering, including how those proposals would connect to a new multilateral agreement on international corporate taxation. This paper first describes the following issues:

- How current law allows US multinationals to substantially lower their effective worldwide tax rates by shifting their profits abroad.
- How proposals to reform the US taxation of multinationals, building on the basic approach to corporate international tax policy in tax legislation enacted in 2017 (known as the Tax Cuts and Jobs Act of 2017 [TCJA]), seek to raise revenue and reduce profit shifting.
- How tax proposals being considered by US law-makers and the new multilateral deal on international corporate tax are intended to be mutually supportive, maintaining the competitiveness of the United States as a location for investment and for corporations to reside.

It then presents six facts to illustrate the drivers and goals of current reform proposals. Because this paper is focused on US reforms that Congress is currently considering as well as on the new multilateral deal, it does not describe or assess the many alternative domestic and multilateral reforms that would take tax law in a fundamentally different direction.²

Current Law

Currently, the statutory tax rate on corporate profits earned in the United States is 21 percent. The foreign profits earned by US multinationals generally do not face that same rate (as they would under a pure worldwide international tax system), but neither are those foreign profits completely exempt from US tax (as they would be under a pure territorial system). Instead, the United States operates under the hybrid international tax system established by the TCJA.³ Specifically, a US multinational is intended to pay a minimum rate of 10.5 percent on most of its foreign profits (set to increase to about 13 percent after 2025). This minimum tax provision

is known as GILTI (global intangible low-taxed income; see Congressional Research Service [CRS] 2021a).

Many other provisions of law further complicate the story, and the actual tax rate that US multinationals pay on their domestic and foreign profits can be far different from either of those headline statutory rates (i.e., 21 percent or 10.5 percent). Deductions, exemptions, and credits for specific types of investment or activities can lower tax rates on profits from certain domestic and foreign investments even further. For example, US multinationals can get a special rate starting at about 13 percent for income they receive from certain sales outside of the United States; this foreign-derived intangible income (FDII) comes from exporting products tied to intangible assets such as patents, trademarks, copyrights, and other intellectual property held in the United States. And the GILTI minimum tax applies only to foreign profits that are greater than 10 percent of a company's investment in tangible assets, such as factories, in foreign countries, meaning that some foreign profits can face an effective rate of zero. On the other hand, some foreign profits, including profits from passive investments, face the 21 percent rate immediately rather than the lower GILTI rate.4 A separate minimum tax on some amounts that US corporations pay to related foreign companies, the Base Erosion and Anti-Abuse Tax (BEAT)—currently 10 percent—is meant to deter anyone using those payments to erode the US tax base (see CRS 2021b). The potential application of both the GILTI minimum tax and the BEAT to the same income can also lead to marginal tax rates on such income above 21 percent. After taking into account all of the different provisions that can lower or raise their taxes, US multinationals paid an effective worldwide cash tax rate on their book profits of 8.8 percent in 2018 (see Fact 1), well below the headline statutory rates.

US multinationals still have an incentive and opportunity to report their profits or locate their investments offshore to lower-tax countries to lower their global tax rates (see Fact 2). The GILTI minimum rate is still far lower than the domestic statutory rate, and the way that the GILTI rate is calculated allows tax on profits from high-tax countries to shield those from tax havens, creating a net incentive to report profits as having been made offshore rather than in the United States (see Fact 3).⁶ Another reason that the worldwide tax rate is below even the minimum GILTI rate is because some foreign profits are exempt from the GILTI minimum tax. As a further example, some domestic investments give rise to federal tax credits that result in negative marginal effective tax rates.

Reform Proposals

Lawmakers are considering proposals to address some of those issues while they retain and build on the basic hybrid framework that the TCJA established. The US House of Representatives has passed proposals that include raising the GILTI minimum tax rate on foreign profits to about 15 percent (Build Back Better Act 2021). The House would also apply the minimum tax on a country-by-country basis, which would help prevent taxes paid in foreign high-tax jurisdictions from being used to shield income reported in tax havens from US tax. It also includes changes to other provisions, such as the BEAT. President Biden's fiscal year 2023

budget would make further changes, including a higher GILTI rate (US Department of Treasury 2022). Some provisions of the House bill and the president's budget proposals would cut taxes for multinationals by addressing provisions of the TCJA that have led to outcomes that have been criticized as overly punitive or unintended. But, on net, both sets of proposals would require US multinationals to pay higher effective tax rates, on average, and would raise US tax revenues (Joint Committee on Taxation [JCT] 2021b; US Department of the Treasury 2022).

Those significant changes to tax policy would bring the US system more in line with the new consensus on international corporate tax policy that more than 130 countries agreed to late last year (2021) and are now working to implement through internal policy changes. The consensus was developed by the Organisation for Economic Co-operation and Development (OECD)/Group of 20 (G20) Inclusive Framework on BEPS (Base Erosion and Profit Shifting) (OECD 2021a). The six facts presented in this paper illustrate the motivations and goals for many of the features of that framework.

One development that drove the need for an updated global framework—the first fundamental remaking of the global tax system since the 1920s—is that much corporate income today flows from intangibles such as patents, trademarks, copyrights, and other intellectual property, as well as digital services that are not strongly connected to physical activity. But the old framework focused on physical activity as a key way to determine which countries could tax certain profits—and struggled to deal with profits flowing from intangibles. This means that a major concern has been the use of intangibles to shift profits, such as by holding patents and other intellectual property in tax havens and attributing as much profit as possible to that intellectual property. And policymakers in market countries in which digital services multinationals have been doing business (but without a physical presence) have been concerned about their countries' inability to tax any part of the profits flowing from such services under their corporate income tax.

Furthermore, the old system focused on preventing double tax on businesses doing business across borders, so that the same income would not be taxed by multiple jurisdictions and so cause very high effective rates. But the old system was not focused on potentially large amounts of corporate profit escaping tax altogether. In that vein, effective corporate tax rates are now considerably lower than statutory rates. For example, as noted in Fact 1, the average tax rate US corporations pay on their profits reported in the United States was 7.8 percent, and the average tax rate on their profits worldwide was 8.8 percent for 2018.

The Inclusive Framework on BEPS deal has two pillars.⁸ Pillar 1 is intended to stem the tide of unilateral measures, like digital service taxes, by countries seeking a share of corporate income based on the consumers in their country. Pillar 2 seeks to address the problem of tax competition. It does that largely by adopting a multipronged minimum tax intended to ensure that the income of covered multinationals is subject to at least 15 percent tax in each jurisdiction in which it operates. If a multinational's parent jurisdiction does not impose the minimum 15 percent tax (or is not treated as doing so because its tax does not follow the agreed-on rules closely enough), other countries could collect revenue by topping up the tax on that multinational's income. The global deal's minimum

tax was inspired by the GILTI minimum tax introduced in the TCJA. But, among the differences between the two, the global deal has a higher rate and the requirement that it be calculated on a country-by-country basis.

Those two pillars attempt to address concerns about: multinationals' ability to shift profits into tax havens so that they paid little or no tax anywhere in the world; countries in which multinationals might do business or be based competing for that activity and associated tax revenue by lowering their tax rates in a race to the bottom (see Fact 4); and uncoordinated, unilateral responses being undertaken by market economies to tax digital services that were otherwise very lightly taxed by usual corporate taxes.

The Mutually Supportive Nature of the Proposals

The changes being considered by US lawmakers to move to conform to the global deal are estimated to raise substantial tax revenue (see Fact 5). At the same time, those changes are unlikely to significantly affect corporations' decisions about where to locate their residence for tax purposes. The tax rate that in theory matters most for determining corporate residence is the average tax rate that corporations would face on their worldwide income if they were resident in different countries. Under the Inclusive Framework on BEPS deal, differences in average rates should decrease by virtue of the floor on the rates moving from 0 percent to 15 percent.

The Inclusive Framework on BEPS deal also increases the benefits and reduces the cost for the United States of adopting such proposals. Global adoption of similar corporate tax policy would reduce the potential tax benefit for US companies of leaving the United States or starting up elsewhere, since they will face at least a minimum 15 percent rate on their worldwide income regardless of their domicile. Locating real investment (or paper profits) in other countries to reduce US tax would similarly become less lucrative as the global floor on effective rates rises from 0 percent to about 15 percent. Moreover, as an active participant in the global effort to reform international corporate tax policy, the United States would benefit from the reversal in the trend for countries to unilaterally impose taxes in a way that targets particular multinational corporations (see Fact 6).

If the United States remains outside the coordinated international tax system and US multinational corporations are deemed to pay less than the minimum tax, foreign countries would coordinate to collect additional taxes from US multinationals. Alternatively, if the United States participates in the Inclusive Framework on BEPS deal and conforms its tax policy to international standards, the likelier outcome is a playing field that is more level for US multinational corporations and higher US tax revenue. In addition, the United States can likely go beyond international standards and still be an attractive location for investment and company headquarters. The relative strength in US markets, institutions, and labor policy (among other non-tax dimensions) likely means that the United States can sustain somewhat higher tax rates than the global floor (and revenues raised, if used wisely, could strengthen those advantages). Furthermore, US leadership on international tax reform may encourage other countries to implement the consensus standards.

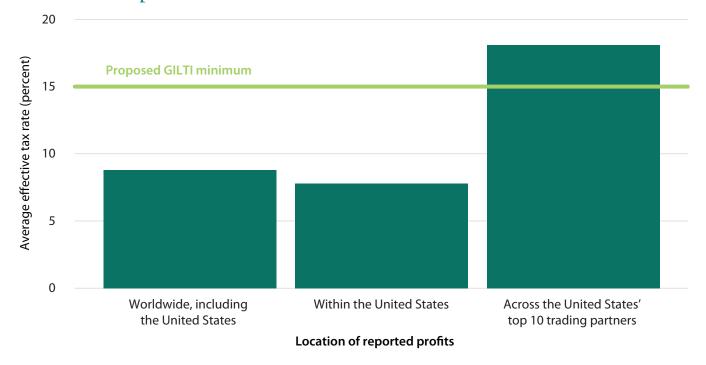
1. US multinationals paid an effective worldwide cash tax rate of 8.8 percent in 2018.

In 2018, US multinationals paid a cash tax rate of 8.8 percent of their total worldwide book income (Figure 1).9 This average effective tax rate is lower than the three statutory tax rates aimed at income related to foreign activities: the FDII rate (13.125 percent), the GILTI minimum tax rate (10.5 percent), and the BEAT minimum tax rate (10 percent). Average cash tax rates paid by US corporations are also considerably lower than the 15 percent minimum tax rate proposed in the Inclusive Framework on BEPS deal, which in turn is lower than the 18 percent cash tax rate US corporations pay on their income reported across the United States' top 10 trading partners. In addition, the average effective cash tax rate on worldwide income is much lower than the headline domestic statutory corporate tax rate of 21 percent, as is the average cash effective tax rate on income reported in the United States, which was only 7.8 percent for 2018.

Low effective tax rates are in part the result of provisions targeted to certain activities or types of income that

take the form of exemptions and deductions from the headline statutory rates, credits against tax, and provisions that allow for taxes to be delayed. Therefore, depending on the type of investment or activity and how it is financed, there can be a wide range of effective tax rates on corporate profits. In fact, the effective tax rate on certain new investments (especially if debt-financed) can be negative—that is, rather than reducing profits on these investments, the tax system can add to profits from these investments. 10 For foreign profits, specific provisions that can lower taxes beyond the headline rate include the exemption from the GILTI minimum tax of income totaling 10 percent of a company's offshore tangible investments. But as Fact 2 explains in more detail, another major way that multinationals are able to lower taxes on their worldwide profits is by shifting income to certain low-tax foreign countries for tax purposes.

Average Effective Tax Rates Paid by US Multinationals, Based on Where Profits Are Reported



Source: Joint Committee on Taxation 2021a; Organization for Economic Cooperation and Development 2021a; World Integrated Trade Soution 2022.

Note: Rates are limited to subsidiaries and jurisdictions with positive profits before income taxes and are calculated based on income-weighted averages. The top 10 US trading partners in 2017 were Canada, China, France, Germany, India, Italy, Japan, South Korea, Mexico, and the United Kingdom.



2. US multinationals still shift profits into lower-tax countries.

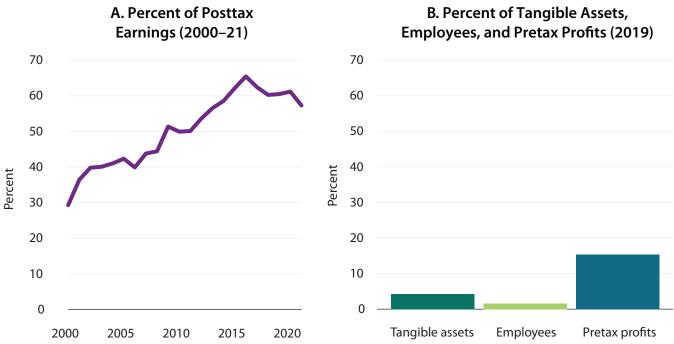
To lower effective tax rates, multinational companies can use an array of techniques to profit shift; that is, they can report for tax purposes their profits as having been made in jurisdictions where they can achieve lower tax rates without changing the location of their real economic activities. ¹¹ If these profits were reported in the United States, tax liability would be computed using US domestic tax rates at up to 21 percent. Instead, the liability is either computed using the GILTI minimum tax at a targeted 10.5 percent rate, or the profits are entirely exempt from US tax. Furthermore, the way that the GILTI minimum tax is computed can in some circumstances reward reporting profits in tax havens.

In 2019, US multinationals reported more than half of their foreign earnings in the Big Seven tax havens (Figure 2A). The share of US multinationals' profits booked in these tax havens bears little relationship to the share of employees or physical assets that companies have in these tax havens, factors that may be more indicative of their real business activity (Figure 2B). For example, the share of those firms'

tangible assets in those tax havens was under 5 percent while the share of pretax profits was over 15 percent. Indeed, corporate profits booked in Bermuda (the jurisdiction where the largest share of US multinationals' profits is booked) were over four times the GDP of Bermuda in 2019.

The TCJA reduced the domestic corporate rate and introduced the minimum tax on foreign profits; the Congressional Budget Office (CBO) estimated that companies would profit shift roughly \$65 billion less per year than under previous law (CBO 2018). Nonetheless, profit shifting is still significant, with companies estimated to be shifting more than \$300 billion each year in profits out of the United States, and the share of foreign earnings reported in tax havens little changed. At the same time, per dollar of profit shifted offshore, the cost to the United States is less now than it was before the TCJA because the law reduced the spread between the top US tax rate on foreign profits and the top US tax rates on domestic profits.

Share of US Multinationals' Earnings and Economic Activity in Big Seven Tax Havens



Source: Bureau of Economic Analysis (BEA) 2022; Internal Revenue Service 2022.

Note: Due to data limitations, values in Figure 2 are not limited to subsidiaries and jurisdictions with positive profits. The big seven havens are Bermuda, the Cayman Islands, Ireland, Luxembourg, the Netherlands, Singapore, and Switzerland. Foreign direct investment earnings are measured posttax, which increases the share of total income in havens since tax rates in those havens are lower than rates in other countries. The BEA data reported in Figure 2A reflect the US ownership share of the underlying profit.



3. US multinationals can use the variation in tax rates across countries to lower their tax liability.

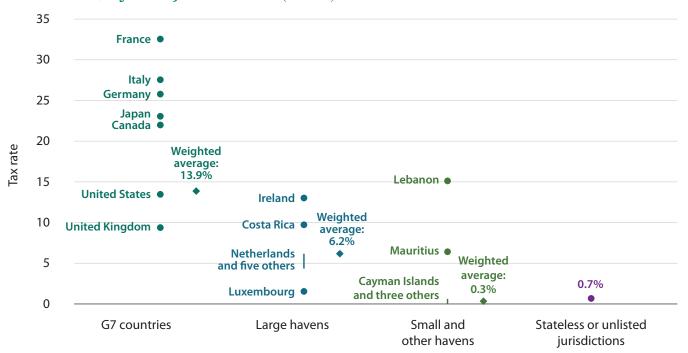
In 2019, the weighted average foreign tax rate on US multinationals' positive corporate income reported in Group of Seven (G7) countries was 13.9 percent, while the tax rate in tax havens was as low as 0.7 percent (Figure 3). The amount of GILTI minimum tax on a multinational's foreign profits is calculated by looking at the multinational's global income and foreign taxes on an aggregate basis, rather than by looking at its income and taxes for each country separately (i.e., on a country-by-country basis). This blending or averaging feature of the GILTI minimum tax calculation means continued incentives to locate profits offshore.

For example, if a multinational already generates substantial profits in high-tax foreign countries, it will have an incentive to book profits in tax havens because no US tax will apply, as long as the total taxes paid are high enough to avoid any GILTI tax. And, the blending feature can create an

incentive to move US profits or even real activities to foreign countries with a tax rate similar to that in the United States, or even somewhat higher. By paying higher taxes on reported foreign income instead of on domestic income, the higher taxes can be blended with lower taxes paid on reported income in tax havens—thus avoiding the GILTI tax.

Moving from blending to a country-by-country calculation, in addition to increasing the GILTI rate, would narrow the gap between the domestic rate and GILTI rate on foreign profits: US multinationals would pay at least the GILTI minimum tax rate on income in each country in which they operate. This would help move the United States toward consistency with the Inclusive Framework on BEPS deal and would reduce incentives that result from blending under the current GILTI calculation to profit shift or to offshore real activities.

Distribution of Foreign Income Tax Rates Paid by US Multinationals on a Cash Basis, by Tax Jurisdiction (2019)



Source: Congressional Research Service 2022b; Internal Revenue Service 2022; authors' calculations.

Note: Data are limited to subsidiaries and jurisdictions with positive profits before income taxes, and are calculated based on income-weighted averages. Haven size is determined using the CRS (2022b) classifications. Diamonds indicate the average tax rate for the group of jurisdictions weighted by corporate income in the jurisdiction. The five others included with the Netherlands are Cyprus, Hong Kong, Panama, Singapore, and Switzerland. The three others included with the Cayman Islands are Barbados, Bermuda, and Macau.





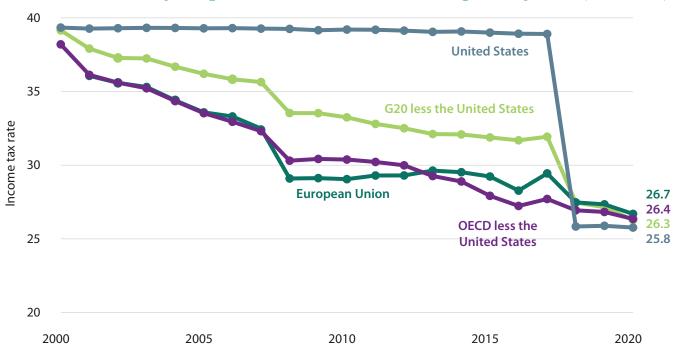
4. Competition between countries has created a race to the bottom in corporate taxes.

Decades of tax competition between countries to attract multinationals' business has led to declining statutory corporate tax rates (Figure 4) as well as to stateless income (i.e., income that is not subject to significant tax in any country) (Kleinbard 2011). In order to reduce tax competition and raise effective tax rates, Pillar 2 of the Inclusive Framework on BEPS deal would ensure that multinationals' worldwide income will be subject to a minimum tax rate of 15 percent. That minimum rate is intended to effectively eliminate the use of tax havens by reducing the potential tax benefits from shifting profits out of higher-tax jurisdictions and into tax havens that have effective tax rates approaching zero. As a corollary, countries can implement tax policy that raises corporate tax revenue with less concern that such policies create incentive for companies to move their tangible

and intangible assets to other countries to lower their tax liabilities.

Although higher tax rates reduce investors' expected aftertax rate of return, any anticipated reduction in investment in the United States from this channel is small. To provide context for how small such effects are found to be, the large cut in corporate taxes under the TCJA had little discernible positive impact on investment (see Edelberg 2021; Furman 2020b; Gale and Haldeman 2021b). In contrast to the average tax rate, largely the focus of the international tax reform proposals, the tax rates that in theory matter most for new investment within the United States are the effective marginal tax rates to new investments, which in the United States for certain investments would still be quite low and even negative, especially if it were debt-financed.

FIGURE 4.
Combined Statutory Corporate Income Tax Rates, Weighted by GDP (2000–21)



Source: Organization for Economic Cooperation and Development 2021c; World Bank 2022.

Note: The European Union (EU) average includes all EU countries as of 2022 that are also members of the OECD. The G20 average includes all G20 countries, excluding the EU and the United States. These figures reflect the current member states in each country group; they do not change with respect to the composition of the groups over time.



5. Corporate tax revenues in the United States are at very low levels, internationally and historically.

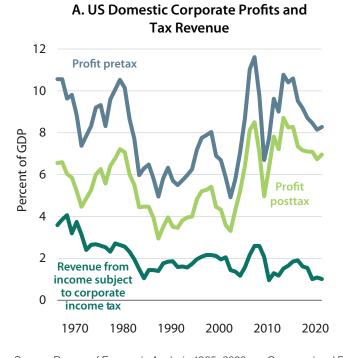
Even as domestic corporate profits as a share of GDP have increased over the last three decades, US corporate tax revenue has remained relatively flat (Figure 5A).¹³ Whether revenues as a share of GDP are measured by the Bureau of Economic Analysis (shown in Figure 5A) or by the OECD (shown in Figure 5B), the share hovered between 1 percent and 3 percent from 1985 to 2020. In 2020, the share was close to 1 percent, which is roughly tied with 2018, 2009, 2002, and 1983 for the lowest in many decades. The United States currently collects much less in corporate tax revenue as a share of GDP than the OECD average (Figure 5B).

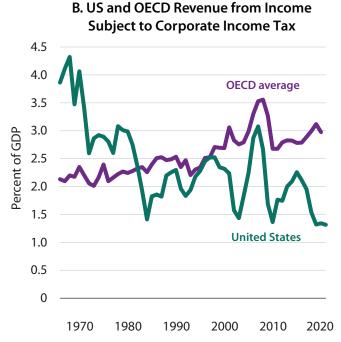
Of course, there are many drivers of the low level of US corporate tax revenue relative to profits, including policies that affect only domestic corporations and those that have created greater incentives over time for business owners to organize their businesses in such a way that income is taxed at the individual income tax rate (with that pass-through income not facing the corporate tax rate) (Tax Policy

Center 2021). Reforms to these areas could also raise revenue and complement reforms that affect only multinational corporations.¹⁴

Changes to the US international tax regime that law-makers are currently considering would raise significant amounts of revenue in the United States. For example, the proposed international tax changes in the House-passed bill—which include raising the GILTI rate to about 15 percent and computing it on a country-by-country basis as well as moving the BEAT in the direction of the minimum tax under Pillar 2's undertaxed profits rule—would raise a combined \$279 billion over 10 years. ¹⁵ Under the undertaxed profits rule, if a multinational's parent jurisdiction does not impose the minimum 15 percent tax (or is not treated as doing so because its tax does not follow the minimum tax rules closely enough), other countries could collect the resulting shortfall in taxes. ¹⁶

Domestic Corporate Profits and Corporate Tax Revenues, as a Share of GDP (1965–2021)





Source: Bureau of Economic Analysis 1965–2020a-c; Congressional Budget Office 2021b; Organization for Economic Cooperation and Development 2021b; authors' calculations.

Note: In Figure 5A, revenues are as reported by BEA (1965-2020a-c, NIPA table 1.12); domestic corporate profits include profits originating in the United States earned by C corporations, as well as by some entities that are legally organized as corporations but whose income is not subject to the corporate income tax. The income of those included pass-through entities, such as S corporations, can be taxed under the individual income tax system, and has generally grown as a share of corporate income over time. In 5B, revenues are as reported by the OECD; the OECD average reflects the current member states; it does not change with respect to the composition of the groups over time.





6. A failure for the United States to engage in the coordinated multilateral tax reform creates risks.

International coordination on tax policy is necessary to prevent countries from using tax policy strategically to facilitate corporations shifting profits to chase ever-lower tax rates and from unilaterally imposing taxes that arguably target particular multinationals. For example, the introduction in some countries of digital services taxes (DSTs), an excise tax that a country levies on the sale of digital services (such as streaming services or advertising on global platforms) to customers in that country, have had features that led US policymakers to claim that they unfairly targeted only large US companies such as Facebook, Apple, Amazon, Netflix, and Alphabet (Google); see Figure 6.

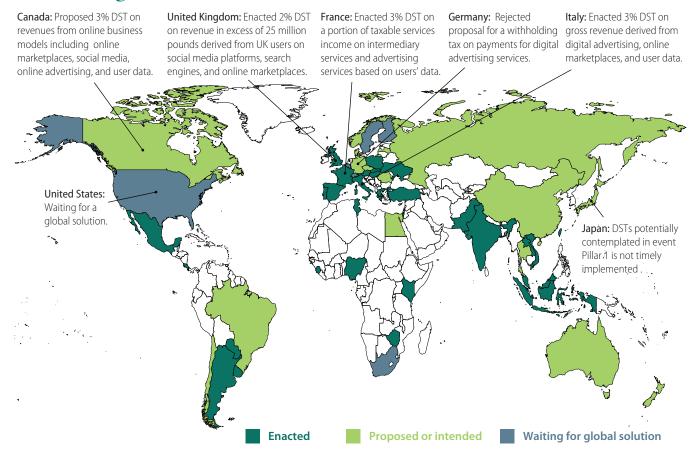
Countries considering or adopting DSTs argued they had a claim to tax some of this corporate economic activity because it relied on their domestic markets. Furthermore, profits flowing from this activity were often going entirely untaxed due to profit shifting to tax havens. Because these taxes have significant effects on US multinationals, they have raised the specter of retaliatory tariffs imposed by the United States, and an escalation of tit-for-tax tax and trade retaliatory measures (Palmer 2020).

DSTs are an example of how a lack of international coordination of tax policy could lead to a more incoherent patchwork of taxes that reduces a potential source of US tax revenue while also creating volatility for companies doing international business. A lack of coordination could also lead to conditions that US policymakers might view as penalizing US corporations and potentially making them less competitive (Office of the US Trade Representative 2021).

If the United States participates in the Inclusive Framework on BEPS and conforms its tax policy to international standards, the likely outcome is a playing field that is more level for US multinational corporations and that will lead to higher US tax revenue.

FIGURE 6.

Countries With Legislation Relating to Direct Taxes on Digital Activities, by Status of Legislation



Source: KPMG Tax (2022).

Note: Direct taxes on digital activities can take the form of digital services taxes (DST), withholding taxes, permanent establishment taxes, general income taxes, significant economic presence taxes, and others.



Endnotes

- Clausing was, at the time, Thormund Miller and Walter Mintz Professor of Economics at Reed College. After serving as the Deputy Assistant Secretary for Tax Analysis at the US Department of the Treasury (2021-22), Clausing is currently the Eric M. Zolt Professor of Tax Law and Policy at the UCLA School of Law.
- 2. Extensive other resources are available on these alternative approaches. Fundamentally different approaches to corporate international tax reform include a destination-based cash flow tax or other consumption tax variants, formulary apportionment, full corporate integration, and more. Some of these approaches are covered in Nunn and Shambaugh (2020). See also TPC (2021) for a summary of alternative approaches that hew closer to the framework under current law, and see CRS (2022a) for challenges facing the Inclusive Framework. There is also extensive literature assessing the substance and process of the multilateral deal and alternatives, with particular consideration to the interests of lowand middle-income countries. For example, see International Centre for Tax and Development (2020).
- 3. For detailed descriptions of current law, see JCT (2021a) and TPC (2021).
- 4. Income from passive investments subject to the normal corporate rate generally includes dividends, interest, royalties, rents, and net gains from the sale or exchange of property that gives rise to the foregoing types of income.
- 5. See Sullivan (2018). Note that proposed changes to the BEAT would address some of the issues that cause it to be considered punitive, and replacement of the BEAT with an undertaxed payments rule would rationalize the rules even further. For more information, see Fact 5.
- 6. Figures 1, 2, and 3 are based on IRS country-by-country data that are described in more detail in JCT (2021a, fn237) and IRS (2019). As JCT notes, because of the ways in which the data are reported to the IRS, there is some potential for double counting of certain income. To address this issue, JCT dropped stateless categories from calculations, which is the approach we follow in Figure 1; we report the stateless category separately in Figure 3. In Figures 1 and 3, following JCT, we limit samples to countries and/or subsidiaries reporting positive profits before income taxes (following JCT's calculation of those Figures), but tax jurisdictions reporting negative profits are included in Figure 2. See Clausing (2020b, 931) for discussion of the conceptual differences between including or excluding losses; the magnitude of the impact is relatively small. We report cash tax measures, which reflect taxes paid in a year; taxes paid tend to be somewhat lower than taxes accrued with respect to one year's profits but are paid over time. (Reporting taxes accrued means reporting taxes that might in fact not ever be paid in some cases, and that might not reflect the time value of deferral, in others.) See JCT (2021a) for figures reported on both cash and accrual basis. For discussion of the BEA data reported in Figure 2 (in which there is no double counting), see Clausing (2020c). For further discussion of cash/accrual and loss issues, see Driessen (2021).
- 7. Such work may be slowed by interest in linking the two portions of the consensus and by delays in technical work on Pillar 1. See Duehren (2022) and Wearden and Elliott (2022).

- 8. For a more detailed description, see CRS (2022a) and OECD (2021a). For more perspectives on the Inclusive Framework on BEPS deal, see Furman (2022).
- 9. Book income is the amount of income corporations publicly report on their financial statements. Rates are pulled from JCT (2021a) to maintain the exclusion of multinational enterprises who filed partial year returns or outdated forms in their calculation. The most recent year of data available from this source is 2018.
- 10. For calculations of effective marginal tax rates on types of new US investments, see CBO (2022a) and CBO (2022b) sheet 3; Furman (2020a, 292, tables 2 and 3); Gale and Haldeman (2021a, 70, table 2); and OECD 2020.
- 11. Following the CBO estimates cited below, we adopt a narrow definition of profit shifting that excludes shifting actual assets or real activities to lower tax rates. See CBO (2018, 110). But a far broader range of the BEPS measures are available to companies.
- 12. This estimate is as of 2018. See CBO (2018, 127). For discussion of other estimates of the magnitude of profit shifting and the fiscal cost, see CRS (2021b).
- 13. We are not aware of a consistent time series that shows C corporation profits and taxes paid on those profits; see Figure 5 and text in Fact 5 for discussion of interpretation of available data series
- 14. Additional proposals to raise corporate tax revenue (such as addressing the explosion in use of passthrough entities for tax minimization or outright tax avoidance) are described in Auerbach (2010) and in Nunn and Shambaugh (2020). The president's budget and the Build Back Better Act also include proposed reforms in these areas (Build Back Better Act 2021 and US Department of the Treasury 2022).
- 15. See JCT (2021b). The House-passed bill also includes some changes that would reduce tax liability, including allowing the foreign losses taken into account in reducing the GILTI minimum tax to be carried over from year to year and allowing a greater percentage of foreign taxes paid to offset the GILTI tax. The Senate Finance Committee chair earlier proposed a somewhat different approach to international tax reform, but still included an increase in the GILTI rate and a move in the direction of a country-by-country calculation. See Wyden, Brown, and Warner (2021).
- 16. Under Pillar 2, multinationals must pay a top-up tax related to each jurisdiction in which they pay an effective tax rate below 15 percent. This top-up tax is generally paid in the jurisdiction of the parent company under an income inclusion rule. Changes to the GILTI minimum tax in the Housepassed bill are intended to cause it to be treated as an income inclusion rule. If a multinational's parent jurisdiction does not impose the minimum 15 percent tax as required, then other countries may impose tax under the undertaxed profits rule. This approach provides a backstop to ensure an effective tax rate of at least 15 percent, even if the parent jurisdiction does not establish a minimum tax compliant with Pillar 2. The president's FY2023 budget moves even further in the direction of the global deal. It replaces the BEAT with an undertaxed profits rule and raises the GILTI minimum tax on foreign profits to about 20 percent. The budget proposal also increases the domestic corporate tax rate to 28 percent.

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Selected Hamilton Project Papers on Taxation

POLICY PROPOSALS

Taxing Multinational Companies in the 21st Century (2020)

Kimberly Clausing

The core challenge in taxing multinational companies is one of competing priorities: maintaining U.S. competitiveness while protecting the corporate tax base. It can be difficult for tax authorities to determine where profits are earned, a fact that multinational companies exploit to reduce their tax burden. Raising the domestic corporate tax rate relative to rates abroad encourages international profit shifting or moving production overseas, thereby eroding the corporate tax base. A proposal by Kimberly Clausing of Reed College offers several reforms to improve the taxation of multinational companies. Specifically, Clausing's proposal would immediately increase the corporate tax rate, strengthen the global intangible lowtaxed income (GILTI) minimum tax, and repeal the foreignderived intangible income (FDII) deduction. In the longer run, the author proposes a formulary approach to the taxation of international corporate income that would transcend the tradeoff between competitiveness and tax base protection.

How to Increase Growth While Raising Revenue: Reforming the Corporate Tax Code (2020)

Jason Furman

Despite the substantial revenue potential of corporate taxation, the United States currently collects about the lowest corporate revenue (only 1 percent of U.S. GDP) among the advanced economies. Several structural shortcomings of the corporate tax code—widely varying tax rates on different types of investment, insufficient support for research and development, and other weaknesses-limit its efficiency and progressivity. The corporate tax code could also play a larger role in countering increased concentration in the economy. Jason Furman of Harvard University and the Peterson Institute for International Economics proposes several reforms to the corporate tax code. Specifically, Furman's proposal would: implement full and permanent expensing of all business investment while disallowing interest deductions; require large pass-through businesses to file as C corporations; close wasteful corporate tax loopholes; raise the corporate tax rate from 21 percent to 28 percent; and expand incentives for investment in research and development (R&D).

Leveling the Playing Field between Inherited Income and Income from Work through an Inheritance Tax (2020)

Lily Batchelder

The core objectives of tax policymaking should be to raise revenue in an efficient and equitable manner. Current taxation of

estates and gifts (and nontaxation of inheritances) fails to meet these goals, perpetuating high levels of economic inequality and impeding intergenerational mobility. The current system also provides an intense incentive to delay realization of capital gains until death. These shortcomings distort capital markets, encourage nonproductive estate tax planning, and limit the effectiveness of the overall tax code. Batchelder proposes to reform the way we tax inheritances by taxing inherited income through income and payroll taxes. She suggests three lifetime exemption levels-\$2.5 million, \$1 million, and \$500,000to ensure that the proposal only taxes individuals receiving the largest inheritances. Batchelder's proposal would raise between \$337 billion and \$1.4 trillion over the next ten years. The proposal would limit tax avoidance through reforms to the rules governing the timing and valuation of transfers through trusts and other devices.

A Proposal to Tax Financial Transactions (2020)

Antonio Weiss and Laura Kawano

With high and rising public debt, an aging population that will place increasing demands on federal spending, and a need for new investments in public goods like infrastructure and R&D, the federal government requires more funding to sustain economic growth and opportunity. The existing array of taxes have limited revenue potential, can be inefficient, and place an excessive burden on low earners. It is therefore important to examine new potential sources of tax revenues and consider the roles they could play in our overall tax system. To raise revenue, Antonio Weiss and Laura Kawano propose a new tax: a financial transaction tax (FTT). The tax would apply to a broad range of assets—including stocks, bonds, and derivatives—in order to raise as much revenue as possible while also preventing potential distortionary effects.

Tax Reform for Progressivity: A Pragmatic Approach (2020)

Natasha Sarin, Lawrence Summers, and Joe Kupferberg

In the coming decades, federal spending will need to grow just to enable the government to continue to provide the services it does today. One important weakness in the tax system that funds this spending is insufficient tax compliance: In 2020 the IRS will fail to collect more than \$630 billion, or nearly 15 percent of tax liabilities. Illegal tax evasion generates unfair differences in tax payments across otherwise similar individuals and firms and presents many legal opportunities for tax avoidance. Taxpayers differ in their ability to benefit from these opportunities, generating further inequities. Sarin, Summers, and Kupferberg propose several reforms to the tax system both to combat illegal evasion and to decrease the opportunities for legal tax avoidance.



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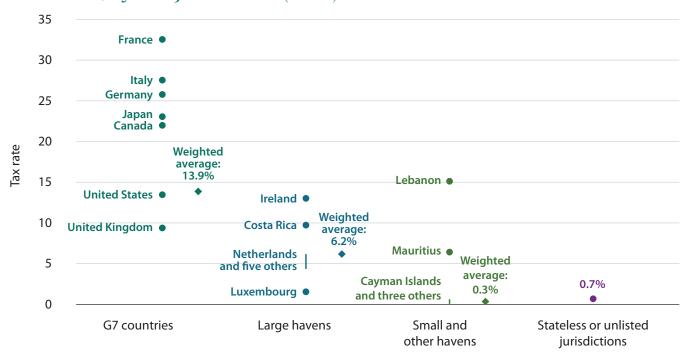
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WENDY EDELBERG

The Hamilton Project and the Tax Law Center at NYU Law present background on the international corporate tax proposals currently under consideration by US lawmakers. Significant changes to tax policy proposed by the House of Representatives and the president's 2023 budget would bring the US system more in line with the new consensus on international corporate tax policy. This consensus was developed by the Organisation for Economic Co-operation and Development (OECD)/Group of 20 (G20) Inclusive Framework on Base Erosion and Profit Shifting and agreed to by more than 130 countries late last year. The authors describe how shifting profits abroad allows US multinationals to substantially lower their effective worldwide tax rates under current law; how proposals to reform the US taxation of multinationals seek to raise revenue and reduce profit shifting; how tax proposals being considered by US lawmakers and the new multilateral deal on international corporate tax are intended to be mutually supportive, maintaining the competitiveness of the United States as a location for investment and for corporations to reside; and, finally, the authors present six facts to illustrate the motivations and goals for many of the features of the international framework.

Distribution of Foreign Income Tax Rates Paid by US Multinationals on a Cash Basis, by Tax Jurisdiction (2019)



Source: Congressional Research Service 2022b; Internal Revenue Service 2022; authors' calculations.

Note: Data are limited to subsidiaries and jurisdictions with positive profits before income taxes, and are calculated based on income-weighted averages. Haven size is determined using the CRS (2022b) classifications. Diamonds indicate the average tax rate for the group of jurisdictions weighted by corporate income in the jurisdiction. The five others included with the Netherlands are Cyprus, Hong Kong, Panama, Singapore, and Switzerland. The three others included with the Cayman Islands are Barbados, Bermuda, and Macau.









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