Protectionist Trade Policies:
A Survey of Theory, Evidence,
and Rationale
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In this selection, three economists review traditional arguments in favor of free trade in light of new theories and evidence. Beginning with an exposition of the principle of comparative advantage, Cletus Coughlin, Alec Chrystal, and Geoffrey Wood examine modern forms of protection, the costs of trade protection in the United States and the world, and contemporary arguments for restricting trade and conclude that free trade remains the optimal policy for all countries. To explain why countries nonetheless adopt protection, the authors emphasize societal theories focusing on the distributional effects of trade policy and the incentives for specific groups to seek governmentally imposed trade restrictions.

Protectionist pressures have been mounting worldwide during the 1980s. These pressures are due to various economic problems including the large and persistent balance of trade deficit in the United States, the hard times experienced by several industries, and the slow growth of many foreign countries. Proponents of protectionist trade policies argue that international trade has contributed substantially to these problems and that protectionist trade policies will lead to improved results. Professional economists in the United States, however, generally agree that trade restrictions such as tariffs and quotas substantially reduce a nation’s economic well-being.

This article surveys the theory, evidence and rationale concerning protectionist trade policies. The first section illustrates the gains from free trade using the concept of comparative advantage. Recent developments in international trade theory that emphasize other reasons for gains from trade are also reviewed. The theoretical discussion is followed by an examination of recent empirical studies that demonstrate the large costs of protectionist trade policies. Then, the rationale for restricting trade is presented, The concluding section summarizes the paper’s main arguments.
The most famous demonstration of the gains from trade appeared in 1817 in David Ricardo’s *Principles of Political Economy and Taxation*. We use his example involving trade between England and Portugal to demonstrate how both countries can gain from trade. The two countries produce the same two goods, wine and cloth, and the only production costs are labor costs. The figures below list the amount of labor (e.g., worker-days) required in each country to produce one bottle of wine or one bolt of cloth.

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Since both goods are more costly to produce in England than in Portugal, England is absolutely less efficient at producing both goods than its prospective trading partner. Portugal has an absolute advantage in both wine and cloth. At first glance, this appears to rule out mutual gains from trade; however, as we demonstrate below, absolute advantage is irrelevant in discerning whether trade can benefit both countries.

The ratio of the production costs for the two goods is different in the two countries. In England, a bottle of wine will exchange for $\frac{3}{7}$ of a bolt of cloth because the labor content of the wine is $\frac{3}{7}$ that for cloth. In Portugal, a bottle of wine will exchange for $\frac{1}{3}$ of a bolt of cloth. Thus, wine is relatively cheaper in Portugal than in England and, conversely, cloth is relatively cheaper in England than in Portugal. The example indicates that Portugal has a comparative advantage in wine production and England has a comparative advantage in cloth production.

The different relative prices provide the basis for both countries to gain from international trade. The gains arise from both exchange and specialization.

The gains from *exchange* can be highlighted in the following manner. If a Portuguese wine producer sells five bottles of wine at home, he receives one bolt of cloth. If he trades in England, he receives more than two bolts of cloth. Hence, he can gain by exporting his wine to England. English cloth producers are willing to trade in Portugal; for every $\frac{3}{7}$ of a bolt of cloth they sell there, they get just over two bottles of wine. The English gain from exporting cloth to (and importing wine from) Portugal, and the Portuguese gain from exporting wine to (and importing cloth from) England. Each country gains by exporting the good in which it has a comparative advantage and by importing the good in which it has a comparative disadvantage.

Gains from *specialization* can be demonstrated in the following manner. Initially, each country is producing some of both goods. Suppose that, as a result of trade, 21 units of labor are shifted from wine to cloth production in England, while in Portugal, 10 units of labor are shifted from cloth to wine production. This reallocation of labor does not alter the total amount of labor used in the two countries; however, it causes the production changes listed below.
The shift of 21 units of labor to the English cloth industry raises cloth production by three bolts, while reducing wine production by seven bottles. In Portugal, the shift of 10 units of labor from cloth to wine raises wine production by 10 bottles, while reducing cloth production by two bolts. This reallocation of labor increases the total production of both goods: wine by three bottles and cloth by one bolt. This increased output will be shared by the two countries. Thus, the consumption of both goods and the wealth of both countries are increased by the specialization brought about by trade based on comparative advantage.

TRADE THEORY SINCE RICARDO

Since 1817, numerous analyses have generated insights concerning the gains from trade. They chiefly examine the consequences of relaxing the assumptions used in the preceding example. For example, labor was the only resource used to produce the two goods in the example above; yet, labor is really only one of many resources used to produce goods. The example also assumed that the costs of producing additional units of the goods are constant. For example, in England, three units of labor are used to produce one bottle of wine regardless of the level of wine production. In reality, unit production costs could either increase or decrease as more is produced. A third assumption was that the goods are produced in perfectly competitive markets. In other words, an individual firm has no effect on the price of the good that it produces. Some industries, however, are dominated by a small number of firms, each of which can affect the market price of the good by altering its production decision.

These theoretical developments generally have strengthened the case for an open trading system. They suggest three sources of gains from trade. First, as the market potentially served by firms expands from a national to a world market, there are gains associated with declining per unit production costs. A second source of gains results from the reduction in the monopoly power of domestic firms. Domestic firms, facing more pressure from foreign competitors, are forced to produce the output demanded by consumers at the lowest possible cost. Third is the gain to consumers from increased product variety and lower prices. Generally speaking, the gains from trade result from the increase in competitive pressures as the domestic economy becomes less insulated from the world economy.

FORMS OF PROTECTIONISM

Protection may be implemented in numerous ways. All forms of protection are intended to improve the position of a domestic relative to foreign producer. This can be done by policies that increase the home market price of the foreign product,
Tariffs

Tariffs, which are simply taxes imposed on goods entering a country from abroad, result in higher prices and have been the most common form of protection for domestic producers. Tariffs have been popular with governments because it appears that the tax is being paid by the foreigner who wishes to sell his goods in the home economy and because the tariff revenue can be used to finance government services or reduce other taxes.

In the 20th century, U.S. tariff rates peaked as a result of the Smoot-Hawley Tariff of 1930. For example, in 1932, tariff revenue as a percentage of total imports was 19.6 percent. An identical calculation for 1985 yields a figure of 3.8 percent. The decline was due primarily to two reasons. First, since many of the tariffs under Smoot-Hawley were set as specific dollar amounts, the rising price level in the United States eroded the effective tariff rate. Second, since World War II, numerous tariff reductions have been negotiated under the General Agreement on Tariffs and Trade.

On the other hand, various other forms of protection, frequently termed nontariff barriers, have become increasingly important. A few of the more frequently used devices are discussed below.

Quotas

A quota seems like a sensible alternative to a tariff when the intention is to restrict foreign producers’ access to the domestic market. Importers typically are limited to a maximum number of products that they can sell in the home market over specific periods. A quota, similar to a tariff, causes prices to increase in the home market. This induces domestic producers to increase production and consumers to reduce consumption. One difference between a tariff and a quota is that the tariff generates revenue for the government, while the quota generates a revenue gain to the owner of import licenses. Consequently, foreign producers might capture some of this revenue.

In recent years, a slightly different version of quotas, called either orderly marketing agreements or voluntary export restraints, has been used. In an orderly marketing agreement, the domestic government asks the foreign government to restrict the quantity of exports of a good to the domestic country. The request can be viewed as a demand, like the U.S.-Japan automobile agreement in the 1980s, because the domestic country makes it clear that more restrictive actions are likely unless the foreign government “voluntarily” complies. In effect, the orderly marketing agreement is a mutually agreed upon quota.

There are many other ways of restricting foreigners’ access to domestic markets... The 1983 Tariff Schedules of the United States Annotated consists of 792 pages, plus a 78-page appendix. Over 200 tariff rates pertain to watches and clocks. Simply ascertaining the appropriate tariff classification, which requires legal assistance and can be subject to differences of opinion, is a deterrent.

Product standards are another common regulatory barrier. These standards appear in various forms and are used for many purposes. The standards can be used to service the public interest by ensuring that imported food products are processed according to acceptable sanitary standards and that drugs have been screened before their introduction in the United States. In other cases, the stan-
Subsidies

An alternative to restricting the terms under which foreigners can compete in the home market is to subsidize domestic producers. Subsidies may be focused upon an industry in general or upon the export activities of the industry. An example of the former is the combination of credit programs, special tax incentives and direct subsidy payments that benefit the U.S. shipbuilding industry. An example of the latter is the financial assistance to increase exports provided by the U.S. Export-Import Bank through direct loans, loan guarantees and insurance, and discount loans. In either case, production will expand.

An important difference between subsidies and tariffs involves the revenue implications for government. The former involves the government in paying out money, whereas tariffs generate income for the government. The effect on domestic production and welfare, however, can be the same under subsidies as under tariffs and quotas. In all cases, the protected industry is being subsidized by the rest of the economy.

Exchange Controls

All of the above relate directly to the flow of goods. A final class of restrictions works by restricting access to the foreign money required to buy foreign goods. For example, a government that wishes to protect its exporting and import competing industries may try to hold its exchange rate artificially low. As a result, foreign goods would appear expensive in the home market while home goods would be cheap overseas. Home producers implicitly are subsidized and home consumers implicitly are taxed. This policy is normally hard to sustain. The central bank, in holding the exchange rate down, has to buy foreign exchange with domestic currency. This newly issued domestic currency increases the domestic money stock and eventually causes inflation. Inflationary policies are not normally regarded as a sensible way of protecting domestic industry.

There is another aspect to exchange controls. The justification is that preventing home residents from investing overseas benefits domestic growth as it leads to greater domestic real investment. In reality, it could do exactly the opposite: Restricting access to foreign assets may raise the variance and lower the return owners of domestic wealth. In the short run, it also may appreciate the domestic exchange rate and, thereby, make domestic producers less competitive.

COSTS OF TRADE PROTECTIONISM

The specific goal of protectionist trade policies is to expand domestic production in the protected industries, benefiting the owners, workers and suppliers resources to the protected industry. The government imposing protectionist trade policies may also benefit, for example, in the form of tariff revenue.

The expansion of domestic production in protected industries is not costless; it requires additional resources from other industries. Consequently, output in other domestic industries is reduced. These industries also might be made less competitive because of higher prices for imported inputs. Since protectionist
policies frequently increase the price of the protected good, domestic consumers are harmed. They lose in two ways. First, their consumption of the protected good is reduced because of the associated rise in its price. Second, they consume less of other goods, as their output declines and prices rise.

The preceding discussion highlights the domestic winners and losers due to protectionist trade policies. Domestic producers of the protected good and the government (if tariffs are imposed) gain; domestic consumers and other domestic producers lose. Foreign interests are also affected by trade restrictions. The protection of domestic producers will harm some foreign producers; oddly enough other foreign producers may benefit. For example, if quotas are placed on imports, some foreign producers may receive higher prices for their exports to the protected market.

There have been numerous studies on the costs of protectionism. We begin by examining three recent studies of protectionism in the United States, then proceed to studies examining developed and, finally, developing countries.

**Costs of Protectionism in the United States**

Recent studies by Tarr and Morkre (1984), Hickok (1985), and Hufbauer et al. (1986) estimated the costs of protectionism in the United States. These studies use different estimation procedures, examine different protectionist policies and cover different time periods. Nonetheless, they provide consistent results.

Tarr and Morkre (1984) estimate annual costs to the U.S. economy of $12.7 billion (1983 dollars) from all tariffs and from quotas on automobiles, textiles, steel and sugar. Their cost estimate is a net measure in which the losses of consumers are offset partially by the gains of domestic producers and the U.S. government.

Estimates by Hickok (1985) indicate that trade restrictions on only three goods – clothing, sugar and automobiles – caused increased consumer expenditures of $14 billion in 1984. Hickok also shows that low-income families are affected more than high-income families. The import restraints on clothing, sugar and automobiles are calculated to be equivalent to a 23 percent income tax surcharge (that is, an additional tax added to the normal income tax) for families with incomes less than $10,000 in 1984 and a 3 percent income tax surcharge for families with incomes exceeding $60,000.

Hufbauer et al. (1986) examined 31 cases in which trade volumes exceeded $100 million and the United States imposed protectionist trade restrictions. They generated estimates of the welfare consequences for each major group affected. [Their] figures indicate that annual consumer losses exceed $100 million in all but six of the cases. The largest losses, $27 billion per year, come from protecting the textile and apparel industry. There also are large consumer losses associated with protection in carbon steel ($6.8 billion), automobiles ($5.8 billion) and dairy products ($5.5 billion).

The purpose of protectionism is to protect jobs in specific industries. A useful approach to gain some perspective on consumer losses is to express these losses on a per-job-saved basis. In 18 of the 31 cases, the cost per-job-saved is $100,000 or more per year; the consumer losses per-job-saved in benzenoid chemicals, carbon steel (two separate periods), specialty steel, and bolts, nuts, and screws exceeded $500,000 per year.

[This study] also reveals that domestic producers were the primary beneficiaries of protectionist policies; however, there are some noteworthy cases where foreign producers realized relatively large gains. For the U.S.-Japanese voluntary export agreement in automobiles, foreign producers gained 38% of what
domestic consumers lost, while a similar computation for the latest phase of protection for carbon steel was 29 percent.

Finally [the study] indicates that the efficiency losses are small in comparison to the total losses borne by consumers. These efficiency losses … result from the excess domestic production and the reduction in consumption caused by protectionist trade policies. In large cases such as textiles and apparel, petroleum, dairy products, and the maritime industries, these losses equal or exceed $1 billion. It is likely that these estimates underestimate the actual costs because they do not capture the secondary effects that occur as production and consumption changes in one industry affect other industries. In addition, restrictive trade policies generate additional costs because of bureaucratic enforcement costs and efforts by the private sector to influence these policies for their own gain as well as simply comply with administrative regulations.

Costs of Protectionism throughout the World

In 1982, the Organization for Economic Cooperation and Development (OECD) began a project to analyze the costs and benefits of protectionist policies in manufacturing in OECD countries. The OECD (1985) highlighted a number of ways that protectionist policies have generated costs far in excess of benefits. Since protectionist policies increase prices, the report concludes that the attainment of sustained noninflationary growth is hindered by such price increasing effects. Moreover, economic growth is potentially reduced if the uncertainty created by varying trade policies depresses investment.

…[The] OECD study stresses that fact that a reduction in imports via trade restrictions does not cause greater employment. A reduction in the value of imports results in a similar reduction in the value of exports. One rationale for this finding is that a reduction in the purchases of foreign goods reduced foreign incomes, and in turn, causes reduced foreign purchases of domestic goods.

While the reduction in imports increases employment in industries that produce products similar to the previously imported goods, the reduction in exports decreases employment in the export industries. In other words, while some jobs are saved, others are lost; however, this economic reality may not be obvious to businessmen, labor union leaders, politicians and others…[The] jobs saved by protectionist legislation are more readily observed than the jobs lost due to protectionist legislation. In other words, the jobs that are protected, in say, the textile industry by U.S. import restrictions on foreign textiles are more readily apparent (and publicized) than the jobs in agriculture and high technology industries that do not materialize because of the import restrictions. These employment effects will net to approximately zero…

ARGUMENTS FOR RESTRICTING TRADE

If protectionism is so costly, why is protectionism so pervasive? This section reviews the major arguments for restricting trade and provides explanations for the existence of protectionist trade policies.

National Defense

The national defense argument says that import barriers are necessary to ensure the capacity to produce crucial goods in a national emergency. While this argument is especially appealing for weapons during a war, there will likely be demands from other industries that deem themselves essential. For example, the footwear industry will demand protection because military personnel need combat boots.
The national defense argument ignores the possibilities of purchases from friendly countries during the emergency. The possibilities of storage and depletion raise additional doubts about the general applicability of the argument. If crucial goods can be stored, for example, the least costly way to prepare for an emergency might be to buy the goods from foreigners at the low world price before an emergency and store them. If the crucial goods are depletable mineral resources, such as, oil, then restriction of oil imports before an emergency will cause a more rapid depletion of domestic reserves. Once again, stockpiling might be a far less costly alternative.

**Income Redistribution**

Since protectionist trade policies affect the distribution of income, a trade restriction might be defended on the grounds that it favors some disadvantaged group. It is unlikely, however, that trade policy is the best tool for dealing with the perceived evils of income inequality, because of its bluntness and adverse effects on the efficient allocation of resources. Attempting to equalize incomes directly by tax and transfer payments is likely less costly than using trade policy. In addition, as Hickok’s (1985) study indicates, trade restrictions on many items increase rather than decrease income inequality.

**Optimum Tariff Argument**

The optimum tariff argument applies to situations in which a country has the economic power to alter world prices. This power exists because the country (or a group of countries acting in consort like the Organization of Petroleum Exporting Countries) is such a large producer or consumer of a good that a change in its production or consumption patterns influences world prices. For example, by imposing a tariff, the country can make foreign goods cheaper. Since a tariff reduces the demand for foreign goods, if the tariff-imposing country has some market power, the world price for the good will fall. The tariff-imposing country will gain because the price per unit of its imports will have decreased.

There are a number of obstacles that preclude the widespread application of this argument. Few countries possess the necessary market power and, when they do, only a small number of goods is covered. Secondly, in a world of shifting supply and demand, calculating the optimum tariff and adjusting the rate to changing situations is difficult. Finally, the possibility of foreign retaliation to an act of economic warfare is likely. Such retaliation could leave both countries worse off than they would have been in a free trade environment.

**Balancing the Balance of Trade**

Many countries enact protectionist trade policies in the hope of eliminating a balance of trade deficit or increasing a balance of trade surplus. The desire to increase a balance of trade surplus follows from the mercantilist view that larger trade surpluses are beneficial from a national perspective.

This argument is suspect on a number of grounds. First, there is nothing inherently undesirable about a trade deficit or desirable about a surplus. For example, faster economic growth in the United States than in the rest of the world would tend to cause a trade deficit. In this case, the trade deficit is a sign of a healthy economy. Second, protectionist policies that reduce imports will cause exports to decrease by a comparable amount. Hence, an attempt to increase exports perman-
nently relative to imports will fail. It is doubtful that the trade deficit will be reduced even temporarily because import quantities do not decline quickly in response to the higher import prices and the revenues of foreign producers might rise.

Protection of Jobs – Public Choice

The protection of jobs argument is closely related to the balance of trade argument. Since a reduction in imports via trade restrictions will result in a similar reduction in exports, the overall employment effects, as found in the OECD (1985) study and many others, are negligible. While the overall effects are negligible, workers (and resource owners) in specific industries are affected differently.

A domestic industry faced with increased imports from its foreign competition is under pressure to reduce production and lower costs. Productive resources must move from this industry to other domestic industries. Workers must change jobs and, in some cases, relocate to other cities. Since this change is forced upon these workers, these workers bear real costs that they are likely to resist. A similar statement can be made about the owners of capital in the affected industry.

Workers and other resource owners will likely resist these changes by lobbying for trade restrictions. The previously cited studies on the costs of protectionism demonstrated that trade restrictions entail substantial real costs as well. These costs likely exceed the adjustment costs because the adjustment costs are one-time costs, while the costs of protectionism continue as long as trade restrictions are maintained.

An obvious question is why politicians supply the protectionist legislation demanded by workers and other resource owners. A branch of economics called public choice, which focuses on the interplay between individual preferences and political outcomes, provides an answer. The public choice literature views the politician as an individual who offers voters a bundle of governemntally supplied goods in order to vote in elections. Many argue that politicians gain by providing protectionist legislation. Even though the national economic costs exceed the benefits, the politician faces different costs and benefits.

Those harmed by a protectionist trade policy for a domestic industry, especially household consumers, will incur a small individual cost that is difficult to identify. For example, a consumer is unlikely to ponder how much extra a shirt costs because of protectionist legislation for the textiles and apparel industry.

Even though the aggregate effect is large, the harm to each consumer may be small. This small cost, of which an individual may not even be aware, and the costs of organizing consumers deter the formation of a lobby against the legislation.

On the other hand, workers and other resource owners are very concerned about protectionist legislation for their industry. Their benefits tend to be large individually and easy to identify. Their voting and campaign contributions assist politicians who support their positions and penalize those who do not. Thus, politicians are likely to respond to their demands for protectionist legislation.

Infant Industries

The preceding argument is couched in terms of protecting a domestic industry. A Coughlin, Chrystal and Wood

_International Political Economy; Perspectives on Global Power and Wealth_, Frieden and Lake, Bedford, St. Martin’s, 2000
slightly different argument, the so-called infant industry case, is couched in terms of *promoting* a domestic industry. Suppose an industry, already established in other countries, is being established in a specific country. The country might not be able to realize its comparative advantage in this industry because of the existing cost and other advantages of foreign firms. Initially, owners of the fledgling firm must be willing to suffer losses until the firm develops its market and lowers its production costs to the level of its foreign rivals, in order to assist this entrant, tariff protection can be used to shield the firm from some foreign competition.

After this temporary period of protection, free trade should be restored: however, the removal of tariff protection frequently is resisted. As the industry develops, its political power to thwart opposing legislation also increases.

Another problem with the infant industry argument is that a tariff is not the best way to intervene. A production subsidy is superior to a tariff if the goal is to expand production. A subsidy will do this directly, while a tariff has the undesirable side effect of reducing consumption.

In many cases, intervention might not be appropriate at all. If the infant industry is a good candidate for being competitive internationally, borrowing from the private capital markets can finance the expansion. Investors are willing to absorb losses *temporarily* if the prospects for future profits are sufficiently good.

**Spillover Effects**

The justification for protecting an industry, infant or otherwise, frequently entails a suggestion that the industry generates spillover benefits for other industries or individuals for which the industry is not compensated. Despite patent laws, one common suggestion is that certain industries are not fully compensated for their research and development expenditures. This argument is frequently directed toward technologically progressive industries where some firms can capture the results of other firms’ research and development simply by dismantling a product to see how it works.

The application of this argument, however, engenders a number of problems. Spillovers of knowledge are difficult to measure. Since spillovers are not market transactions, they do not leave an obvious trail to identify their beneficiaries. The lack of market transactions also complicates an assessment of the value of these spillovers. To determine the appropriate subsidy, one must be able to place a dollar value on the spillovers generated by a given research and development expenditure. Actually, the calculation requires much more than the already difficult task of reconstructing the past. It requires complex estimates of the spillovers’ future worth as well. Since resources are moved from other industries to the targeted industry, the government must understand the functioning of the entire economy.

Finally, there are political problems. An aggressive application of this argument might lead to retaliation and a mutually destructive trade war. In addition, as interest groups compete for the governmental assistance, there is no guarantee that the right groups will be assisted or that they will use the assistance efficiently.

**Strategic Trade Policy**

Recently theoretical developments have identified cases in which so-called strategic trade policy is superior to free trade. As we discussed earlier, decreasing unit production costs and market structures that contain monopoly elements are common in industries involved in international trade. Market
imperfections immediately suggest the potential benefits of governmental intervention. In the strategic trade policy argument, governmental policy can alter the terms of competition to favor domestic over foreign firms and shift the excess returns in monopolistic markets from foreign to domestic firms.

Krugman (1987) illustrates an example of the argument. Assume that there is only one firm in the United States, Boeing, and one multinational firm in Europe, Airbus, capable of producing a 150-seat passenger aircraft. Assume also that the aircraft is produced only for export, so that the returns to the firm can be identified with the national interest. This export market is profitable for either firm if it is the only producer; however, it is unprofitable for both firms to produce the plane. Finally, assume the following payoffs are associated with the four combinations of production: (1) if both Boeing and Airbus produce the aircraft, each firm loses $5 million; (2) if neither Boeing nor Airbus produces the aircraft, profits are zero; (3) if Boeing produces the aircraft and Airbus does not, Boeing profits by $100 million and Airbus has zero profits; and (4) if Airbus produces the aircraft and Boeing does not, Airbus profits by $100 million and Boeing has zero profits.

Which firm(s) will produce the aircraft? The example does not yield a unique outcome. A unique outcome can be generated if one firm, say Boeing, has a head start and begins production before Airbus. In this case, Boeing will reap profits of $100 million and will have deterred Airbus from entering the market because Airbus will lose $5 million if it enters after Boeing.

Strategic trade policy, however, suggests that judicious governmental intervention can alter the outcome. If the European governments agree to subsidize Airbus’ production with $10 million no matter what Boeing does, then Airbus will produce the plane. Production by Airbus will yield more profits than not producing, no matter what Boeing does. At the same time, Boeing will be deterred from producing because it would lose money. Thus, Airbus will capture the entire market and reap profits of $110 million, $100 million of which can be viewed as a transfer of profits from the United States.

The criticisms of a strategic trade policy are similar to the criticisms against protecting a technologically progressive industry that generates spillover benefits. There are major informational problems in applying a strategic trade policy. The government must estimate the potential payoff of each course of action. Economic knowledge about the behavior of industries that have monopoly elements is limited. Firms may behave competitively or cooperatively and may compete by setting prices or output. The behavior of rival governments also must be anticipated. Foreign retaliation must be viewed as likely where substantial profits are at stake. In addition, many interest groups will compete for the governmental assistance. Though only a small number of sectors can be considered potentially strategic, many industries will make a case for assistance.

**Reciprocity and the “Level Playing Field”**

...U.S. trade policy discussions in recent years have frequently stressed the importance of “fair trade.” The concept of fair trade, which is technically referred to as reciprocity, means different things to different people.

Under the General Agreement on Tariffs and Trade, negotiations to reduce trade barriers focus upon matching concessions. This form of reciprocity, known as first-difference reciprocity, attempts to reduce trade barriers by requiring a country to provide a tariff reduction of value comparable to one provided by the other country. In this case, reciprocity is defined in terms of matching changes.

Recent U.S. demands, exemplified by the Gephardt amendment to the current
trade legislation, reveal an approach that is called full reciprocity. This approach seeks reciprocity in terms of the level of protection bilaterally and over a specific range of goods. Reciprocity requires equal access and this access can be determined by bilateral trade balances. A trade deficit with a trading partner is claimed to be prima facie evidence of unequal access. Examples abound. For example, U.S. construction firms have not had a major contract in Japan since 1965, while Japanese construction firms did $1.8 billion worth of business in the United States in 1985 alone. Recent legislation bars Japanese participation in U.S. public works projects until the Japanese offer reciprocal privileges.

As the name suggests, the fundamental argument for fair trade is one of equity. Domestic producers in a free trade country argue that foreign trade barriers are unfair because they place them at a competitive disadvantage. In an extreme version, it is asserted that this unfair competition will virtually eliminate U.S. manufacturing, leaving only jobs that consist primarily of flipping hamburgers at fast food restaurants or . . . rolling rice cakes at Japanese owned sushi bars. While domestic producers are relatively advantaged, the wisdom of a protectionist response is doubtful. Again, the costs of protectionism exceed substantially the benefits from a national perspective.

In an attempt to reinforce the argument for fair trade, proponents also argue that retaliatory threats, combined with changes in tariffs and non-tariff barriers, allow for the simultaneous protection of domestic industries against unequal competition and induce more open foreign markets. This more flexible approach is viewed as superior to a “one-sided” free trade policy. The suggestion that a fair trade policy produces a trading environment with fewer trade restrictions allows proponents to assert that such a policy serves to promote both equity and efficiency. In other words, not only will domestic and foreign producers in the same industry be treated equally, but the gains associated with a freer trading environment will be realized.

On the other hand, critics of a fair trade policy argue that such a policy is simply disguised protectionism — it simply achieves the goals of specific interest groups at the expense of the nation at large. In many cases, fair traders focus on a specific practice that can be portrayed as protectionist while ignoring the entire package of policies that are affecting a nation’s competitive position. In these cases, the foreign country is more likely either not to respond or retaliate by increasing rather than reducing their trade barriers. In the latter case, the escalation of trade barriers causes losses for both nations, which is exactly opposite to the alleged effects of an activist fair trade policy.

Critics of fair trade proposals are especially bothered by the use of bilateral trade deficits as evidence of unfair trade. In a world of many trading countries, the trade between two countries need not be balanced for the trade of each to be in global balance. Differing demands and productive capabilities across countries will cause a specific country to have trade deficits with some countries and surpluses with other countries. These bilateral imbalances are a normal result of countries trading on the basis of comparative advantage. Thus, the focus on the bilateral trade deficit can produce inappropriate conclusions about fairness and, more importantly, policies attempting to eliminate bilateral trade deficits are likely to be very costly because they eliminate the gains from a multilateral trading system.

**CONCLUSION**

The proliferation of protectionist trade policies in recent years provides an impetus to reconsider their worth. In the world of traditional trade theory,
characterized by perfect competition, a definitive recommendation in favor of free trade can be made. The gains from international trade result from a reallocation of production resources toward goods that can be produced less costly at home than abroad and the exchange of some of these goods for goods that can be produced at less cost abroad than at home.

Recent developments in international trade theory have examined the consequences of international trade in markets where there are market imperfections, such as monopoly and technological spillovers. Do these imperfections justify protectionist trade policies? The answer continues to be no. While protectionist trade policies may offset monopoly power overseas or advantageously use domestic monopoly power, trade restrictions tend to reduce the competition faced by domestic producers, protecting domestic producers at the expense of domestic consumers.

The empirical evidence is clear-cut. The costs of protectionist trade policies far exceed the benefits. The losses suffered by consumers exceed the gains reaped by domestic producers and government. Low-income consumers are relatively more adversely affected than high-income consumers. Not only are there inefficiencies associated with excessive domestic production and restricted consumption, but there are costs associated with the enforcement of the protectionist legislation and attempts to influence trade policy.

The primary reason for these costly protectionist policies relies on a public choice argument. The desire to influence trade policy arises from the fact that trade policy changes benefit some groups, while harming others. Consumers are harmed by protectionist legislation; however, ignorance, small individual costs, and the high costs of organizing consumers prevent the consumers from being an effective force. On the other hand, workers and other resource owners in an industry are more likely to be effective politically because of their relative ease of organizing and their individually large and easy-to-identify benefits. Politicians interested in reelection will most likely respond to the demands for protectionist legislation of such an interest group.

The empirical evidence also suggests that the adverse consumer effects of protectionist trade policies are not short-lived. These policies generate lower economic growth rates than the rates associated with free trade policies. In turn, slow growth contributes to additional protectionist pressures.

Interest group pressures from industries experiencing difficulty and the general appeal of a “level playing field” combine to make the reduction of trade barriers especially difficult at the present time in the United States. Nonetheless, national interests will be served best by such an admittedly difficult political course. In light of the current Uruguay Round negotiations under the General Agreement on Tariffs and Trade, as well as numerous bilateral discussions, this fact is especially timely.

REFERENCES


