



# The Proposed U.S.-South Korea Free Trade Agreement (KORUS FTA): Provisions and Implications

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## Summary

On June 30, 2007, U.S. and South Korean trade officials signed the proposed U.S.-South Korean Free Trade Agreement (KORUS FTA) for their respective countries. If approved, the KORUS FTA would be the second largest FTA that South Korea has signed to date, after the agreement with the European Union (EU). It would be the second largest (next to North American Free Trade Agreement, NAFTA) in which the United States participates. South Korea is the seventh-largest trading partner of the United States and the United States is South Korea's third largest trading partner. Various studies conclude that the agreement would increase bilateral trade and investment flows. The final text of the proposed KORUS FTA covers a wide range of trade and investment issues and, therefore, could have substantial economic implications for both the United States and South Korea. The agreement will not enter into force unless Congress approves implementation legislation. The negotiations were conducted under the trade promotion authority (TPA), also called fast-track trade authority, that the Congress granted the President under the Bipartisan Trade Promotion Act of 2002 (P.L. 107-210). The authority allows the President to enter into trade agreements that receive expedited congressional consideration (no amendments and limited debate). The Bush Administration did not send draft implementing legislation to Congress.

The Obama Administration has not indicated if and when it will send the draft implementing bill to Congress. The Administration has stated that it is developing "benchmarks for progress" on resolving "concerns" it has with the KORUS FTA, particularly over market access for U.S. car exports. While U.S. Trade Representative Ron Kirk has called attention to the economic opportunities the KORUS FTA presents, he also has said that if the Administration's concerns are not resolved, "we'll be prepared to step away...." Presidents Obama and Lee Myung-bak met in Seoul in November 2009, and the two presidents agreed to "move the agreement forward." However, the prospect of congressional action on the KORUS FTA in 2010 appears slim; as of late January 2010, the Obama Administration reportedly had not presented ideas for changes to the U.S. auto industry, key congressional offices, or the Korean government.

In South Korea, however, the politics of the KORUS FTA likely will make it difficult for the government of President Lee Myung-bak to appear to accede to new U.S. demands. This is particularly due to memories of events in 2008, when Lee reached an agreement with the United States to fully lift South Korea's ban on U.S. beef imports, triggering massive anti-government protests that forced the two governments to renegotiate the beef agreement. Lee lifted the ban to make it easier for the George W. Bush Administration to submit the KORUS FTA to Congress. The South Korean National Assembly has yet to vote on the KORUS FTA, and is debating whether or not to do so before the U.S. Congress acts. It is expected that the Assembly would pass the agreement, at least in its current version. While a broad swath of the U.S. business community supports the agreement, the KORUS FTA faces opposition from some groups, including some auto and steel manufacturers and labor unions. Some U.S. supporters view passage of the KORUS FTA as important to secure new opportunities in the South Korean market, while opponents claim that the KORUS FTA does not go far enough. Other observers have suggested the outcome of the KORUS FTA could have implications for the U.S.-South Korean alliance as a whole, as well as on U.S. Asia policy and U.S. trade policy, particularly in light of an FTA completed in October 2009 between South Korea and the European Union.

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On June 30, 2007, United States Trade Representative Susan Schwab and South Korean Foreign Trade Minister Kim Hyung-chong signed the proposed U.S.-South Korean Free Trade Agreement (KORUS FTA) for their respective countries.<sup>1</sup> If approved, the KORUS FTA would be the second largest FTA South Korea has signed to date (next to the agreement with the European Union (EU)).<sup>2</sup> It would be the second largest (next to the North American Free Trade Agreement) in which the United States currently participates. South Korea is the seventh-largest trading partner of the United States and the KORUS FTA, if enacted, is expected to expand bilateral trade and investment flows according to some studies.

The text of the proposed free trade agreement (FTA) covers a wide range of trade and investment issues and, therefore, could have wide economic implications for both the United States and South Korea. The subjects include ones on which the two countries achieved early agreement, such as the elimination on tariffs on trade in most manufactured goods and the liberalization in services trade. But the text also includes a number of very sensitive issues on which agreement was reached only during the final hours of negotiations—autos, agriculture, and trade remedies, among others.

Congress will have to approve implementation legislation for the KORUS FTA before it can enter into force. The negotiations were conducted under the trade promotion authority (TPA), also called fast-track trade authority, that the Congress granted the President under the Bipartisan Trade Promotion Act of 2002 P.L. 107-210). The authority allows the President to enter into trade agreements that receive expedited congressional consideration (no amendments and limited debate). The TPA sets no deadline for the President to do this.

The Obama Administration has not indicated if and when it will send the draft implementing bill to Congress. The Administration has stated that it is developing “benchmarks for progress” on resolving “concerns” it has with the KORUS FTA.<sup>3</sup> During the 2008 presidential campaign, then-Senator Obama opposed the agreement because he believed that it does not adequately address problems of market access in South Korea for U.S. exports of cars, among other issues. During his Senate Finance Committee confirmation hearing, USTR Ron Kirk stated that the KORUS FTA “presents one of the biggest economic opportunities we have of all of the bilateral agreements out there.” He added that “the president has said—and I agree—that agreement as it is just simply isn't fair. And if we don't get that right, we'll be prepared to step away....” USTR officials reportedly have stated their desire to address the Administration's concerns without renegotiating the agreement.<sup>4</sup>

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<sup>1</sup> For more specific information, you may contact the following CRS analysts: William Cooper, x7-7749 (general questions on the KORUS FTA); Michaela Platzer, x7-5037 (autos and other industrial goods); Remy Jurenas, x7-7281 (agricultural trade); and Mark Manyin, x7-7653 (the U.S.-South Korean bilateral relationship and security issues).

<sup>2</sup> On October 15, 2009, the EU and Korea initialed a free trade agreement which consists of 15 Chapters, 3 protocols and several annexes and appendices. The EU free trade agreement with South Korea still requires ratification by the European Parliament. The EU-27 market is larger than the U.S. market when measured by population (500 million vs. 300 million) and GDP (\$14.9 trillion vs. \$14.4 trillion)

<sup>3</sup> United States Trade Representative's Office, *2009 Trade Policy Agenda and 2008 Annual Report of the President of the United States on the Trade Agreements Program*, February 2009; United States Senate Committee on Finance, “Finance Committee Questions For The Record. Hearing on Confirmation of Mr. Ronald Kirk to be United States Trade Representative,” March 9, 2009.

<sup>4</sup> “USTR Says It Intends To Address FTA Issues Without Reopening Texts,” *Inside U.S. Trade*, April 10, 2009.

Since the spring of 2009, President Obama has repeatedly stated his desire to “get the deal done.” (See box below.) However, the prospect of congressional action on the KORUS FTA in 2010 appears slim; as of late January 2010, the Obama Administration reportedly had not presented ideas for changes to the U.S. auto industry, key congressional offices, or the Korean government.<sup>5</sup>

### **Presidents Obama’s Statements on the KORUS FTA**

President Obama and South Korean President Lee Myung-bak met for the first time on April 2, 2009, in London on the sidelines of the G-20 summit. Afterward, an Obama Administration official said that President Obama told Lee he wants to “make progress” on the agreement, and that the two leaders agreed that the two countries’ staffs should “discuss how to move forward.”<sup>6</sup>

The two presidents met again on June 16, 2009, in Washington., DC. In a joint statement released at the summit, they said: “We will continue to deepen our strong bilateral economic, trade and investment relations. We recognize that the Korea-U.S. (KORUS) Free Trade Agreement could further strengthen these ties and we are committed to working together to chart a way forward..” In answering a question at a joint press conference, President Obama stated, “What I have done is to affirm to [South Korean] President Lee that we want to work constructively with the Republic of Korea in a systematic way to clear some of these barriers that are preventing free trade from occurring between our two countries.”<sup>7</sup> However, President Obama indicated did not a timeframe for consideration of legislation to implement the KORUS FTA.

At a joint press conference with President Lee in Seoul in November 2009, President Obama said the agreement “holds out the promise of serving our mutual interests. And together, we’re committed to working together to move the agreement forward.” President Lee said the two leaders agreed to “redouble” their efforts toward this end.<sup>8</sup> Prior to his meeting with President Lee, President Obama said in a Fox News interview that “I want to get the deal done.... Overall, I think it's a potential good deal for US exporters. But there's certain sectors of the economy that aren't dealt with as effectively and that's something that I'm going to be talking to talking to President Lee about.”<sup>9</sup>

During his January 27, 2010, State of the Union address, President Obama, without mentioning the KORUS FTA per se, expressed the need for the United States to strengthen its trade ties in Asia “with partners like South Korea.” During a question-and-answer session at the January 29, 2010 House Republican issues conference, the President referred to the need to seize trade opportunities , mentioning South Korea in particular.

In South Korea, there is an ongoing debate over whether or not to have the National Assembly vote on the KORUS FTA before the agreement is submitted to Congress. South Korea’s President, Lee Myung-bak, has said he hopes to have the South Korean National Assembly pass the agreement soon. Lee’s Grand National Party controls a majority in the unicameral National

<sup>5</sup> “Lack of Movement on Korea Auto Fix May Mean No FTA Vote In Near Term,” *Inside US Trade*, January 15, 2010.

<sup>6</sup> White House Office of the Press Secretary, “Background Readout by Senior Administration Officials to the Travel Pool on the President’s Meeting with President Lee Of The Republic Of Korea,” April 2, 2009.

<sup>7</sup> *International Trade Daily*. June 17, 2009.

<sup>8</sup> White House Press Release, “Remarks by President Barack Obama and President Lee Myung-Bak of Republic of Korea in Joint Press Conference,” November 19, 2009.

<sup>9</sup> “TRANSCRIPT: Fox News Interviews President Obama,” FOXNews.com, updated November 18, 2009.

Assembly, and most observers believe the agreement has the votes to pass. However, an uproar in South Korea over the April 2008 beef agreement appears to have made many politicians in Seoul wary of trying to pass the agreement before the U.S. Congress votes. In April 2009, the National Assembly's Foreign Affairs, Trade and Unification Committee favorably reported the KORUS FTA ratification bill to the full legislature.

The United States and South Korea entered into the KORUS FTA as a means to further solidify an already strong economic relationship by reducing barriers to trade and investment between them and to resolve long festering economic issues. The United States specifically sought increased access to South Korean markets for agricultural products, services, and foreign investment. Of importance to South Korea was a change in U.S. trade remedy procedures which it considers to be discriminatory and U.S. recognition of products made in an industrial park in North Korea as eligible for preferential treatment under the KORUS FTA.

Supporters of the FTA in the United States argue that failure to approve the KORUS FTA would allow those opportunities to slip away, particularly if Seoul's strategy of negotiating a web of FTAs, with South Korea at the center, is successful. In October 2009, South Korea signed its most prominent FTA yet with the European Union (EU). The Korea-EU FTA is expected to be submitted through the two countries' ratification procedures in 2010. However, some opponents of the KORUS FTA have argued that the agreement failed to go far enough in addressing South Korean trade barriers and would be a lost opportunity if approved in its current form. A congressionally mandated study by the United States International Trade Commission (USITC) concluded that investment and trade between the United States and South Korea would increase modestly as a result of the KORUS FTA.<sup>10</sup> This result is in line with other similar studies. In general and in the short-to-medium term, the KORUS FTA's largest commercial effects are expected to be microeconomic in nature. The U.S. services and agriculture industries, for instance, are expected to reap significant benefits if the agreement is implemented.

Many observers have argued that in addition to its economic implications, the KORUS FTA would have diplomatic and security implications. For example, they have suggested that it would help to deepen the U.S.-South Korean alliance. The United States and South Korea have been allies since the United States intervened on the Korean Peninsula in 1950 and fought to repel a North Korean takeover of South Korea. Over 33,000 U.S. troops were killed and over 100,000 were wounded during the three-year conflict.<sup>11</sup> South Korea subsequently has assisted U.S. deployments in other conflicts, most recently by deploying over 3,000 troops to play a non-combat role in Iraq. However, some counter this by positing that the KORUS FTA need not be seen as a necessary, let alone sufficient, condition for enhancing the U.S.-ROK alliance. Mutual interests on critical issues pertaining to North Korea and the rest of the region will continue to require close cooperation between the two countries in the national security sphere. Indeed, in many respects, the KORUS FTA's fate may have more profound implications for U.S. trade policy and East Asia policy than for U.S.-South Korean relations. For instance, some have also suggested that a KORUS FTA would help to solidify the U.S. presence in East Asia to counterbalance the increasing influence of China while failure to pass it could harm the alliance.

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<sup>10</sup> United States International Trade Commission (USITC). *U.S.-Korea Free Trade Agreement: Potential Economy-wide and Selected Sectoral Effects*. Investigation No. TA-2104-24. USITC Publication 3949. September 2007.

<sup>11</sup> For more on the U.S.-South Korean alliance, see CRS Report RL33567, *Korea-U.S. Relations: Issues for Congress*, by Larry A. Niksch.

This report is designed to assist Members of the 111<sup>th</sup> Congress as they consider the costs and benefits of the KORUS FTA. It examines the provisions of the KORUS FTA in the context of the overall U.S.-South Korean economic relationship, U.S. objectives, and South Korean objectives. The report will be updated as events warrant.

## **The KORUS FTA in a Nutshell**

The KORUS FTA was the product of much compromise. As negotiators from both countries stated, each country was able to accomplish some of its objectives, but neither side got everything it wanted. For example, South Korea made concessions in agriculture and services while the United States made concessions on rice and textiles. Yet, U.S. car manufacturers felt that South Korea did not go far enough in addressing barriers to auto imports and South Korea would have liked to have more U.S. concessions on trade remedies.

Some highlights of the results of the agreement are provided below. Background information and a more detailed examination of the agreement's provisions are provided in the main sections of this report.

### **Agriculture**

Under the KORUS FTA's agricultural provisions, South Korea immediately would grant duty-free status to almost two-thirds of current U.S. agricultural exports. Tariffs and import quotas on most other agricultural goods would be phased out within 10 years, with the remaining commodities and products subject to provisions that phase out such protection by year 23. Exports of seven U.S. products (skim and whole milk powders, evaporated milk, in-season oranges, potatoes for table use, honey, and identity-preserved soybeans for food use) would be subject to Korean import quotas that slowly expand in perpetuity.

Much effort went into negotiating provisions covering three agricultural commodities of export interest to the United States. Under the KORUS FTA, South Korea agreed to eliminate its 40% tariff on beef muscle meats imported from the United States over a 15 year period. Also, South Korea would have the right to impose safeguard tariffs on a temporary basis in response to any potential surge in imports of U.S. beef meats above specified levels. However, negotiators had not reached a breakthrough by the end of the talks on the separate but parallel issue of how to resolve differences on the terms of access for all U.S. beef in a way that would address Korea's human health concerns arising from the 2003 discovery of mad cow disease in the U.S. cattle herd. Though sales of U.S. boneless beef from cattle aged less than 30 months did resume in April 2007 under the terms of a separate agreement reached in early 2006, sales of bone-in beef (e.g., ribs) only began in August 2008 after the conclusion of a difficult series of negotiations—prompted by widespread public protests in Korea—on a more comprehensive agreement. This agreement requires the removal of specified risk materials known to transmit mad cow disease during the processing of cattle less than 30 months old when slaughtered. Both countries view this “voluntary private-sector” arrangement as a transitional step intended to improve Korean consumer confidence in U.S. beef. (See **Appendix A** for additional information.)

The KORUS FTA does not give U.S. rice and rice products any preferential access to South Korea's market. It only requires South Korea to continue to abide by its multilateral trade commitments to increase rice imports. Access for U.S. citrus products was not settled until just



before the talks concluded. With South Korea protecting its orange sector by a 50% tariff, negotiators compromised on a multi-part solution. A small duty free quota was created for “in-season” U.S. navel oranges that would grow slowly in perpetuity. Sales during this September to February period in excess of this quota would continue to face the high 50% tariff. For “out-of-season” oranges that pose less competition to South Korea’s orange producing sector, the tariff would be phased out by year 7.

## **Automobiles**

Trade in autos and autoparts proved to be among the most difficult issues tackled by U.S. and South Korean negotiators. In this sector, an increasingly competitive South Korean industry seeking to increase its market share in the United States is pitted against a U.S. industry that wants South Korea to eliminate policies and practices that seemingly discriminate against U.S. auto imports. The KORUS FTA would:

- *eliminate most South Korean tariffs on U.S.-made motor vehicles.* South Korea would immediately eliminate its 8% tariff on U.S.-built passenger cars and its 10% tariff on pickup trucks.
- *reduce discriminatory effects of engine displacement taxes.* South Korea would simplify its three-tier “Special Consumption Tax” and would also simplify its five-tier “Annual Vehicle Tax” both of which are based on engine displacement by making it a three-tier system.
- *harmonize standards and create an “Automotive Working Group.”* The agreement provides for self-certification on safety and emissions standards for a limited number of U.S.-exported vehicles, and a commitment that South Korea will evaluate emissions using the methodology applied by the State of California. South Korea also agreed “not to adopt technical regulations that create unnecessary barriers to trade and to cooperate to harmonize standards.”
- *eliminate U.S. tariffs and provide for “snapback” clause.* The United States would immediately eliminate its 2.5% duty on gasoline-fueled passenger vehicles with engine displacement up to 3000 cc, would phase out over three years the 2.5% duty on South Korean imports with larger engine capacity or that are diesel-powered, and would phase out over ten years the 25% duty on South Korean pickup trucks.

## **Other Key Provisions**

The KORUS FTA would cover a broad range of other areas. According to the Office of the United States Trade Representative (USTR), most U.S.-South Korean trade in **consumer and industrial products** would become duty-free within three years after the agreement enters into force, and virtually all remaining tariffs would be lifted within 10 years. The two countries agreed to liberalize trade in **services** by opening up their markets beyond what they have committed to do in the World Trade Organization (WTO). About 60% of U.S.-South Korea trade in **textiles and apparel** would become duty-free immediately, and the KORUS FTA would provide a special safeguard mechanism to reduce the impact of textile and apparel import surges.

**Trade remedies** were a critical issue for South Korea and a sensitive issue for the United States. The FTA allows for the United States to exempt imports from South Korea from a “global”

escape clause (section 201) measure if they are not a major cause of serious injury or a threat of serious injury to the U.S. domestic industry. The FTA would also provide for a binational consultative committee to review trade remedy decisions involving one another.<sup>12</sup>

In addition, South Korea and the United States agreed to establish an independent body to review recommendations and determinations regarding South Korean pricing and government reimbursement for **pharmaceuticals and medical devices** and to improve transparency in the process for making those determinations.

Furthermore, one year after the KORUS FTA enters into force, a binational committee would be formed to study the possibility of eventually including products from “Outward Processing Zones,” such as the **Kaesong Industrial Complex**, that use North Korean labor.

## **Estimates of the Overall Economic Effects of a KORUS FTA**

Economists have released several studies estimating the potential effects of the KORUS FTA. As required by the TPA statute, the USITC conducted a study of the KORUS FTA at the request of the President.<sup>13</sup> The USITC study concludes that U.S. GDP would increase by \$10.1 billion to \$11.9 billion (approximately 0.1%) if the KORUS FTA is fully implemented, a negligible amount given the size of the U.S. economy. The USITC based this estimate primarily on the removal of tariffs and tariff-rate-quotas, that is, barriers that can be relatively easily quantified. The study concludes that U.S. exports of goods would likely increase by \$9.7 billion to \$10.9 billion, primarily in agricultural products, machinery, electronics, transportation equipment, including passenger vehicles and parts. U.S. imports would increase \$6.4 billion to \$6.9 billion, primarily in textiles, apparel, leather products, footwear, machinery, electronics, and passenger vehicles and parts.<sup>14</sup>

The range does not take into account the impact of the reduction of barriers to trade in services and to foreign investment flows and the impact of changes in regulations as a result of the KORUS FTA. The study notes that U.S. exports in services would increase as a result of South Korean commitments under the KORUS FTA, and that changes in the regulatory environment in both countries would also help to increase bilateral trade and investment flows.

The study estimates that changes in aggregate U.S. employment would be negligible given the much larger size of the U.S. economy compared to the South Korean economy. However, while some sectors, such as livestock producers, would experience increases in employment, others such as textile, wearing apparel, and electronic equipment manufacturers would be expected to experience declines in employment.<sup>15</sup>

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<sup>12</sup> Trade Remedy Piece of Korea FTA Ignores Korean ADF Demands. *Inside U.S. Trade*. April 13, 2007.

<sup>13</sup> Section 2104(f) Trade of 2002. P.L. 107-210. United States International Trade Commission (USITC). *U.S.-Korea Free Trade Agreement: Potential Economy-wide and Selected Sectoral Effects*. Investigation No. TA-2104-24. USITC Publication 3949. September 2007.

<sup>14</sup> USITC. p. xvii-xviii.

<sup>15</sup> USITC. p. xix.

Other studies draw the same basic conclusions, although the magnitudes differ because they employ different models from the USITC study. For example, a University of Michigan analysis commissioned by the Korea Economic Institute estimates that U.S. GDP would increase by \$25.12 billion (0.14% of U.S. GDP). This is larger than the USITC estimate, but in part this is because its authors quantified the effects of liberalization in services trade.<sup>16</sup> The authors also analyzed the impact of a KORUS FTA before the final text had been released and assumed, among other things, that rice trade would be liberalized, which, in the end, was not the case.

In December 2005, the Korea Institute for International Economic Policy (KIEP) published a study measuring the potential economic impact of a U.S.-South Korean FTA on South Korea alone. The study estimated some of the dynamic, or long-run, economic effects in addition to the static, or one-time, effects of the FTA on South Korea. The KIEP study estimated that the FTA would eventually lead to a 0.42% to 0.59% increase in South Korea's GDP according to a static analysis, and 1.99% to 2.27% according to a dynamic analysis.<sup>17</sup>

## **An Overview of the U.S.-South Korean Economic Relationship**

South Korea is a major economic partner for the United States. In 2008, two-way trade between the two countries totaled nearly \$80 billion, making South Korea the United States's seventh largest trading partner. (See **Table 1.**) South Korea is among the United States's largest markets for agricultural products. Major U.S. exports to South Korea include semiconductors, machinery (particularly semiconductor production machinery), aircraft, and agricultural products.

**Table 1. Annual U.S.-South Korea Merchandise Trade, Selected Years**  
(Billions of U.S. Dollars)

<b>Year</b>	<b>U.S. Exports</b>	<b>U.S. Imports</b>	<b>Trade balance</b>	<b>Total trade</b>
1990	14.4	18.5	-4.1	32.9
1995	25.4	24.2	1.2	49.6
2000	26.3	39.8	-13.5	66.1
2003	22.5	36.9	-14.4	59.5
2004	25.0	45.1	-20.1	70.1
2005	26.2	43.2	-17.0	69.4
2006	30.8	44.7	-13.9	75.5
2007	33.0	45.4	-12.4	78.4
2008	33.1	46.7	-13.6	79.8

<sup>16</sup> Kiyota, Kozo and Robert M. Stern. *Economic Effects of a Korea-U.S. Free Trade Agreement*. Korea Economic Institute, Special Studies 4. 2007.

<sup>17</sup> Lee, Junyu and Hongshik Lee. *Feasibility and Economic Effects of a Korea-U.S. FTA*. Korean Institute for International Economic Policy. December 2005. p. 86.

Year	U.S. Exports	U.S. Imports	Trade balance	Total trade
2009	27.0	38.7	-11.7	65.7
Major U.S. Export Items	Industrial machinery; chemicals; semiconductor circuits; corn & wheat; specialized instruments.			
Major U.S. Import Items	Cell phones; semiconductor circuits; cars & car parts; iron & steel.			

**Sources:** 1990 and 1995 data from Global Trade Information Services. 2000-2008 data from U.S. International Trade Commission. The 2000-2009 U.S. export data are for U.S. domestic exports and the data for U.S. imports are for imports on a consumption basis.

South Korea is far more dependent economically on the United States than the United States is on South Korea. In 2009, the United States was South Korea's third-largest trading partner, second-largest export market, and the third-largest source of imports. It was among South Korea's largest suppliers of foreign direct investment (FDI). In 2003, China for the first time displaced the United States from its perennial place as South Korea's number one trading partner. In 2005 Japan overtook the United States to become South Korea's second-largest trade partner.

**Table 2. Asymmetrical Economic Interdependence (2009)**

	Total Trade	Export Market	Source of Imports	Source of FDI
For the U.S., South Korea ranks	# 7	# 8	# 7	# 16 (2008)
For South Korea, U.S. ranks	# 3	# 2	# 3	# 2 (2007)

**Sources:** U.S. Department of Commerce, U.S. Census Bureau and Bureau of Economic Analysis; Bank of Korea.

Increased economic interaction between the United States and South Korea has been accompanied by numerous disagreements over trade policies. In general, U.S. exporters and trade negotiators identify the lack of transparency of South Korea's trading and regulatory systems as the most significant barriers to trade with South Korea in almost every major product sector. Many U.S. government officials also complain that Seoul continues to use government regulations and standard-setting powers to discriminate against foreign firms in politically sensitive industries, such as automobiles and telecommunications. Another major cross-sectoral complaint is that rigidities in the South Korean labor market, such as mandatory severance pay, raise the cost of investing and doing business. Finally, the United States and other countries have pressed South Korea to open further its agricultural market, which is considered one of the most closed among members of the Organization for Economic Co-operation and Development (OECD).<sup>18</sup> Many of these issues arose during the KORUS FTA negotiations.

The intensity of these disputes has diminished considerably since the late 1980s and early 1990s, in part because South Korea enacted a set of sweeping market-oriented reforms as a *quid pro quo* for receiving a U.S.-led \$58 billion package from the International Monetary Fund (IMF) following the near collapse of the South Korean economy in 1997. In particular, as a result of the reforms, South Korea opened its doors to foreign investors, ushering in billions of dollars of foreign portfolio and foreign direct investment (FDI). The result is that foreign companies, including U.S. firms, now are significant shareholders in many prominent industrial conglomerates (*chaebol*); at one point earlier in the decade, foreign firms owned about one-third of the South Korean banking industry and an estimated 40% of the value of the shares traded on

<sup>18</sup> OECD, *Economic Surveys - Korea*, 2007.

South Korea's stock exchange. Since the 1997 crisis, FDI commitments by U.S. companies have totaled over \$25 billion.<sup>19</sup>

Additionally, the United States and South Korea appear to have become more adept at managing their trade disputes. This may be partly due to the quarterly, working-level "trade action agenda" trade meetings that were initiated in early 2001. Both sides credit the meetings, which appear to be unique to the U.S.-South Korean trade relationship, with creating a more constructive dialogue that helped pave the way for the two sides to feel sufficiently confident to launch FTA negotiations.

## **U.S. and South Korean Objectives in an FTA**

U.S. and South Korean policymakers shared certain goals in launching and completing the negotiations on the KORUS FTA. Both governments saw in the FTA a logical extension of an already important economic relationship that would provide a means by which the two trading partners could address and resolve fundamental issues and, thereby, raise the relationship to a higher level. For the United States these issues have included the high tariffs and other restrictions on agricultural imports. For South Korea, these difficult issues have included perceived U.S. discrimination toward South Korean imports in the application of trade remedies and treatment of products made at the Kaesong Industrial Complex in North Korea.

While sharing some broad objectives, U.S. and South Korean leaders also approached the KORUS FTA from different perspectives that were reflected in the conduct and outcome of the negotiations. A primary objective of the United States was to gain access to South Korean markets in agricultural products, pharmaceuticals and medical equipment, some other high-technology manufactured goods, and services, particularly financial and professional services—areas in which U.S. producers are internationally competitive but for which South Korean barriers seemed to be high.

For South Korea, gaining a large increase in market access was not as critical a priority since South Korean exporters already have a significant presence in areas in which they have proved to be competitive—consumer electronics and autos, for example, and in which they already face only low or zero U.S. tariffs. However, South Korea arguably did seek to preserve its share of the U.S. market in the face of growing competition from emerging East Asian producers from Thailand, Malaysia, Vietnam, and possibly China. South Korea likely also aimed to improve its competitive position in the U.S. market vis-à-vis Japan where the elimination of even low tariffs might give South Korean exporters some price advantage.

Launching the FTA negotiations was largely at the initiative of South Korea. Its main objective in securing an FTA with the United States was much broader than gaining reciprocal access to the U.S. market. Entering an FTA with the United States meshed with a number of former South Korean President Roh Moo-hyun's long term economic and strategic goals. Roh made an FTA the top economic priority for the remainder of his tenure, which expired in February 2008.<sup>20</sup> Soon

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<sup>19</sup> Korea Economic Institute, "Current Economic Info, South Korean Economic Data," accessed at <http://www.keia.org>, on January 2, 2008.

<sup>20</sup> "ROK Editorial: Roh's 'Special Lecture'," *The Korea Times*, posted on the Open Source Center, KPP20060329042002, March 29, 2006.

after his election in 2002, Roh committed himself to raising South Korea's per capita gross domestic product (GDP) to \$20,000 by the end of the decade and to transforming South Korea into a major "economic hub" in Northeast Asia by expanding the economic reforms begun by his predecessor following the 1997 Asian financial crisis. Ongoing competitive pressure from Japanese firms, increased competition from Chinese enterprises, and the rapid ageing of the South Korean workforce has heightened the sense of urgency about boosting national competitiveness. Continuing along this line of argument, ex-Prime Minister Han Duk-soo has said that a failure to adopt significant economic changes will mean that "Korea's long term growth potential is likely to deteriorate."<sup>21</sup> Lee Myung-bak, who was elected President in December 2007, made the economy the centerpiece of his campaign and has supported the KORUS FTA as part of a larger program to promote South Korean economic growth.

During the negotiations, South Korean officials and other South Korean proponents of the KORUS FTA tended not to focus on the increased access to the U.S. market. Rather, they emphasized the medium and long-term gains that would stem from increased allocative efficiency of the South Korean economy, particularly in the services industries. This would presumably be brought about by an influx of U.S. investment and technology into South Korea and by the spur of increased competition with U.S. firms.<sup>22</sup> Senior officials in particular emphasized the need to boost the competitiveness of South Korean service industries. An FTA with the United States, they argued, will help address South Korea's increased economic polarization by spurring job creation in fields such as medical, legal, education, and accounting services in a free trade agreement.<sup>23</sup> Some, however, say an FTA will worsen South Korea's income gap.<sup>24</sup> Also, during the talks, there were continuous and often large scale anti-FTA protests, generally led by South Korean farmers and trade unionists.

The absence of mirror-image or reciprocal U.S. and South Korean objectives in the negotiations is reflected in the structure of the KORUS FTA. Except for some provisions dealing with issues specific to U.S.-South Korea economic relations, for example, South Korea taxation of autos and the Kaesong industrial complex, the structure of the KORUS FTA largely resembles the structure of other FTAs, such as Dominican Republic-Central American FTA (DR-CAFTA), that the United States has entered into. This conclusion does not suggest that South Korea did not bring to the table its own specific demands, which it did (such as the exclusion of rice) and held to them firmly.

## **Sector-Specific Issues and the KORUS FTA**

Under the KORUS FTA, U.S. and South Korean negotiators addressed a number of sector-specific issues. Some issues, such as elimination of tariffs on most manufactured goods, were not very controversial and were dealt with in early stages of the negotiations. Other issues, such as

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<sup>21</sup> Ministry of Finance and Economy Weekly Briefing, "Korea-US FTA Projected to Boost the Korean Economy," March 9, 2006.

<sup>22</sup> See, for instance, Junkyu Lee and Hongshik Lee, *Feasibility and Economic Effects of a Korea-U.S. FTA* (Seoul: Korea Institute for International Economic Policy, 2005), p. 116-117; Inbom Choi and Jeffrey Schott, *Free Trade between Korea and the United States?* (Washington, DC: Institute for International Economics, 2001), p. 79-82.

<sup>23</sup> "Roh's 'Special Lecture'," *The Korea Times*, March 26, 2006.

<sup>24</sup> Korea Broadcast System, March 31, 2006 Broadcast.

trade in agricultural products and in autos, were the most difficult and were not resolved until the final hours of the negotiations.

## **Agriculture and Sanitary and Phytosanitary Issues**

### **Overview**

Attaining comprehensive market access for U.S. agricultural products to South Korea's large market and finding a way to resolve Korea's continued restrictions on U.S. beef purchases (imposed to protect human health following the late 2003 discovery of mad cow disease in the U.S. cattle herd) were the two primary objectives pursued by U.S. agricultural negotiators. Though South Korea in 2007 was the 14<sup>th</sup> largest agricultural importer in the world, its farm sector is highly protected with high tariffs and quotas.<sup>25</sup> This reflects its farmers' longstanding political influence (particularly that of rice producers) and its urban population's deep ties to its rural roots.

In concluding the KORUS FTA on April 1, 2007, the United States secured nearly complete access for all U.S. agricultural commodities and food products into Korea's market. However, a breakthrough on the beef issue (technically not part of the FTA talks but nevertheless the subject of high-level discussions) did not occur until June 2008. This reflected newly-elected Korean President Lee's view that an agreement spelling out the rules that apply to beef imports from the United States had to be in place before President Bush could consider sending this agreement to Capitol Hill. Several Members of Congress had for months stated that South Korea must agree to fully reopen its market to U.S. beef under scientifically based international rules and in commercially significant quantities before Congress considers or approves the agreement. U.S. agricultural groups, well aware of this deal's potential benefits for producers, had also conditioned their support on the resumption of U.S. beef exports.

In 2008, South Korea was the 5<sup>th</sup> largest market for U.S. agriculture, as export sales totaled almost \$5.6 billion. Under the KORUS FTA's agricultural provisions, South Korea immediately would grant duty-free status to almost two-thirds of current U.S. agricultural exports. Tariffs and tariff-rate quotas (TRQs)<sup>26</sup> on most other agricultural goods would be phased out within 10 years, with the remaining commodities and products subject to provisions that phase out such protection by year 23. Seven U.S. products (skim and whole milk powders, evaporated milk, in-season oranges, potatoes for table use, honey, and identity-preserved soybeans for food use) would be subject to Korean import quotas that slowly expand in perpetuity. However, the agreement does not give U.S. rice and rice products additional access to South Korea's market (see below).<sup>27</sup>

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<sup>25</sup> South Korea's average applied agricultural tariff (2007) was 49%, compared to about 12% for the United States. WTO, Statistics Database, "Country Profile for Republic of Korea," at [http://stat.wto.org/CountryProfiles/KR\\_e.htm](http://stat.wto.org/CountryProfiles/KR_e.htm); U.S. Department of Agriculture (USDA), Economic Research Service, *Profiles of Tariffs in Global Agricultural Markets*, AER-796, January 2001, p. 26.

<sup>26</sup> A TRQ is a two-part tool used by countries to protect their more sensitive agricultural and food products, often while transitioning over time to free trade. The quota component provides for duty-free access of a specified quantity of a commodity, which in an FTA usually expands over time. Imports above this quota are subject to a prohibitive tariff that in an FTA frequently declines over time. At the end of a product's transition period to free trade under an FTA, both the quota and tariff no longer apply (with a few exceptions), allowing for its unrestricted access to the partner's market.

<sup>27</sup> A summary of commodity-specific market access provisions (tariff reduction schedules, transition periods, TRQ amounts and growth rates, and safeguards) is found in the USDA fact sheet "U.S. - Korea Free Trade Agreement (continued...)"

With the immediate elimination or phase out of most of South Korea's relatively high agricultural trade barriers under the KORUS FTA, the U.S. agricultural and food processing sectors would noticeably benefit from additional exports. The USITC estimates that the increase in U.S. exports of agricultural commodities and processed foods would account for up to one-third of the entire projected increase in total U.S. exports to South Korea's market once the KORUS FTA's provisions are fully implemented. Sale of agricultural products would be from \$1.9 billion to \$3.8 billion (44% to 89%) higher than exports under a no-agreement scenario. Almost half of this export increase would accrue to the U.S. beef sector, based on the USITC's assumption that U.S. beef exports recover to the level before South Korea imposed its restrictions import in late 2003. (For information on bilateral efforts that led to a mid-2008 agreement on new Korean rules that now apply to U.S. beef imports, see **Appendix A**.) About 20% of the export increase would benefit U.S. producers and exporters of pork, poultry and other meat products.<sup>28</sup> In another analysis, the American Farm Bureau Federation (AFBF) projects that U.S. agricultural exports by the end of the transition period (2027) would be more than \$1.5 billion (45%) higher under the KORUS FTA than would be the case otherwise. Sales of beef, poultry, and pork would account for \$644 million (or 42%) of this increase.<sup>29</sup>

Because South Korean agricultural exports to the United States are small (\$249 million in 2008) and largely complementary, there was no controversy in negotiating access to the U.S. market. The United States agreed to phase out tariffs and quotas on all agricultural imports from South Korea under seven phase-out periods ranging up to 15 years. One 10-year TRQ would apply to imports of fluid milk and cream, among other specified dairy products. The USITC projects that imports of agricultural products (primarily processed food products) from South Korea under the KORUS FTA would be from \$52 million to \$78 million (12% to 18%) higher than such imports under a no-agreement scenario.

## **Beef**

Under the KORUS FTA, South Korea agreed to eliminate its 40% tariff on beef muscle meats imported from the United States over a 15-year period. Also, South Korea would have the right to impose safeguard tariffs on a temporary basis in response to any potential surge in imports of U.S. beef meats above specified levels. The trigger for this additional tariff would be 270,000 metric tons (MT) in year 1, which would increase 2% annually; in year 15, the trigger would be 354,000 MT.<sup>30</sup> In year 16, this protective mechanism would no longer apply. The 18% tariff on imports of beef offals (tongues, livers, tails and feet), and tariffs ranging from 22.5% to 72% on other beef products, would also be eliminated in 15 years.

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(...continued)

Benefits for Agriculture," October 2008, available at <http://www.fas.usda.gov/info/factsheets/korea.asp>. Detailed fact sheets on the agreement's commodity provisions and prospective impacts for agriculture in selected states are available at <http://www.fas.usda.gov/info/factsheets/Korea/us-koreaftafactsheets.asp>.

<sup>28</sup> Derived from Table 2.2 in USITC, *U.S.-Korea Free Trade Agreement: Potential Economy-wide and Selected Sectoral Effects*, pp. 2-8 and 2-9.

<sup>29</sup> Derived from American Farm Bureau Federation's (AFBF) *Implications of a South Korea-U.S. Free Trade Agreement on U.S. Agriculture*, July 2007, p. 17. To be consistent with the agricultural and food product categories used to derive the USITC's estimate, AFBF's exports of fish products are not included in the estimated increase in agricultural exports and agriculture's share stated above.

<sup>30</sup> In 2003, U.S. exports of beef muscle meats to South Korea totaled 213,083 MT. The safeguard level in year 1 would allow for duty-free access for about 20% more U.S. beef than the average 2002-2003 level of U.S. beef exports to the South Korean market.



Assuming that South Korea fully lifts its restrictions on U.S. beef and bilateral beef trade returns to normal, the USITC estimates that the phase out of South Korea's beef tariff and safeguard could increase U.S. beef exports from about \$600 million to almost \$1.8 billion (58% to 165%) above what would be the case otherwise. Under the KORUS FTA, the AFBF projects that U.S. beef sales would be \$265 million higher as the United States recaptures its historic share of the South Korean market. However, its analysis notes that the market share of U.S. beef likely will not increase over time. That is because South Korean tastes have developed a preference for grass-fed Australian beef, according to the AFBF, and will continue to be competitive in price against U.S. beef even with the current 40% tariff removed.

On June 21, 2008, U.S. and South Korean negotiators reached agreement on the requirements that will apply to Korean imports of U.S. beef and beef products. Imports of boneless and in-bone beef, and other beef products, from cattle less than 30 months of age are allowed entry, but are subject to various conditions that U.S. beef exporters and the U.S. government must meet. This agreement occurred against the backdrop of mounting public protests in Korea against an earlier agreement, calls by opposition parties that the initial terms be renegotiated, and the Korean President's apologies for how his government mishandled this matter. The Korean government secured these additional changes in order to allay public concerns about the safety of U.S. beef. Since mid-July 2008, U.S. beef sales have resumed, but have fluctuated for various reasons. The pace of future U.S. beef exports now will depend on how quickly Korean consumers resume purchases in light of the controversy that swirled around this issue, and on the extent to which household purchasing power is affected by the country's economic crisis. (See **Appendix A** for additional details.)

## **Rice**

South Korean negotiators succeeded in excluding the entry of U.S. rice on preferential terms—its prime objective in negotiating agriculture in the KORUS FTA. This reflects Korea's efforts to maintain its stated policy of self-sufficiency in rice production, the national sentiment that preserving rice production is inseparable from the country's identity, and the political reality that rice farming preserves the basis for economic activity in the countryside. That rice was a make-or-break issue for Seoul is seen in the comment made by a top U.S. trade official, Deputy United States Trade Representative Karan Bhatia, the day after the talks concluded: "Ultimately, the question that confronted us was whether to accept a very, very good albeit less perfect agreement or to lose the entire agreement because South Korea refused to move on rice."<sup>31</sup> On rice, the KORUS FTA would only require South Korea to continue to abide by its multilateral trade commitments to increase rice imports.

At present, U.S. rice exporters have access to the South Korean market under (1) a 24% share (50,076 MT) of the rice import quota established under that country's multilateral World Trade Organization (WTO) commitments in 1995, and (2) a separate quota available to all countries.<sup>32</sup>

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<sup>31</sup> *Inside U.S. Trade*, "USTR Says Beef Market Access Must Precede Signing of Korea FTA," April 6, 2007, p. 5.

<sup>32</sup> Following the 2004 renegotiation of South Korea's WTO agricultural commitments, the United States and most other rice exporting countries beginning in 2005 have been able to take advantage of this other rice quota. Expanding by 20,347 MT each year through 2014, market access is on a first-come, first served basis. By 2014, both rice import quotas (under country allocations made to four countries including the United States, and the quota available to any country) will total 408,700 MT. For background on Korea's market access and domestic policies for rice, see USDA, Economic Research Service, South Korea Briefing page titled "Policy," available at <http://www.ers.usda.gov/Briefing/SouthKorea/policy.htm#ricemarket>.

Rice entering under both quotas faces a 5% tariff. Entries above each quota are prohibited—a unique concession that South Korea received in the last round of multilateral trade negotiations. U.S. rice exports against both quotas have fluctuated, but since 2005 have risen to reach \$76 million (107,905 MT) in 2008. Future U.S. sales are expected to grow slowly in line with the expansion of the most recently established rice quota.

Though the U.S. rice industry expressed disappointment with the rice exclusion, the United States will have other opportunities in the future to negotiate access for additional U.S. rice in Korea's market. This could occur in the process of concluding a multilateral agreement (possibly by 2010) to further liberalize agricultural trade in the WTO's Doha Development Round, which might require South Korea to further open its rice market. Also, the United States and other rice exporting countries could press for additional access when Korea's current multilateral rice access provisions expire in 2014.

## **Oranges**

Differences on how quickly to liberalize trade in fresh oranges were not resolved until just before the negotiations concluded. The United States sought the complete elimination of Korea's border protection on all citrus products, while South Korea wanted to retain its quotas and tariffs, primarily because of the importance of the citrus industry to the economy of Cheju Island. At present, South Korea imposes a 50% tariff on all imports of oranges, irrespective of whether they enter within or outside an existing TRQ.

In reaching a compromise, negotiators agreed to a multi-part solution. First, a small duty-free quota would be created for "in-season" U.S. navel oranges (a variety that is not produced in Korea) that would enter between September 1 and the end of February—a period that coincides with the Island's *unshu* (mandarin) orange harvest season. The initial 2,500 MT TRQ would increase at a compound 3% annual rate in perpetuity. Shipments in excess of this amount during this six-month period would continue to be subject to the 50% tariff. Second, in the first year, this high tariff would be reduced to 30% for "out-of-season" oranges that enter between March 1 and August 31, and then be completely phased out in stages by year 7. Third, South Korea's 144% tariff on mandarin oranges would be phased out over 15 years.

The cost of selling to what already is a leading U.S. export market for fresh oranges would be significantly reduced as Korea's high 50% tariff is phased out. In 2008, South Korea ranked second (after Canada), with U.S. orange sales totaling \$90 million (100,883 MT). The U.S. Department of Agriculture (USDA) estimates that the value of the in-season 2,500 MT quota and tariff reductions on all orange exports in the first year that the agreement is in effect would be almost \$18 million. Over seven years, USDA estimates the cumulative value of savings associated with these orange access provisions at \$208 million.<sup>33</sup>

## **Sanitary and Phytosanitary Provisions**

As found in most other U.S. FTAs, the KORUS FTA establishes a bilateral standing committee to address food safety and animal/plant life or health issues that frequently emerge in agricultural

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<sup>33</sup> USDA, Foreign Agricultural Service, Fact Sheet "U.S.-Korea Free Trade Agreement—What's At Stake for Fresh Citrus and Orange Juice," September 2008.

trade. However, there are no commodity-specific sanitary and phytosanitary (SPS) provisions to address outstanding issues, such as Korea's import health requirements on U.S. beef imports or Korean standards that have prevented sales of some U.S. horticultural products to that market. The Committee on SPS Matters would serve as a forum to implement the WTO's Agreement on the Application of SPS Measures, enhance mutual understanding of each country's SPS rules, resolve future bilateral SPS disputes that arise, coordinate technical assistance programs, and consult on issues and positions in the WTO and other international bodies where SPS issues are considered. The text of the SPS chapter specifically states that neither the United States nor South Korea has recourse to pursue dispute settlement to address any SPS issue that arises. Instead, any matter would be resolved using the formal process established under the WTO's SPS Agreement.

U.S. beef producers had argued until the 2008 bilateral agreement was reached that Korea's stance on U.S. beef imports must be scientifically based upon internationally recognized guidelines issued by the World Organization for Animal Health, also known as OIE by its French acronym.<sup>34</sup> Other agricultural groups also have raised concerns about Korea's implementation of SPS measures on food additives and those that have restricted U.S. fruit and vegetable exports. This new standing committee potentially could be used as the venue to attempt to resolve future SPS disputes, taking into account latest available scientific findings and knowledge.

## **Autos**

The export orientation of the South Korean motor industry, combined with the relatively low U.S. tariff of 2.5% on all imported motor vehicles except pickup trucks, has made the United States a good market of opportunity for South Korean exports. (For a discussion of the South Korean auto industry, see **Appendix B**.) Total Korean motor vehicle exports to the United States peaked at 860,000 units in 2004, according to U.S. Commerce Department data. It subsequently fell to 730,000 units in 2005, 695,000 units in 2006, 675,000 units in 2007. There was a further decline of 8.7% in U.S. car and light truck imports from Korea, to 616,000 units in 2008.<sup>35</sup> Hyundai has established a major U.S. assembly plant, thus substituting for some imports. Kia has also begun to manufacture automobiles in the United States. At the end of 2009, the first U.S.-built Kia vehicle rolled off the production line in West Point, Georgia.<sup>36</sup> Falling imports from Korea probably were affected by a general softening of the U.S. market. U.S. exporters, including South Korean and other foreign-owned manufacturers, shipped a total of 13,654 vehicles to South Korea in 2008.

The total value of South Korean automotive exports to the United States, including parts, was \$11.4 billion in 2008, compared to U.S. exports of similar products to South Korea of \$791 million. That meant a U.S. bilateral deficit in autos of \$10.6 billion, a little less than in 2007, but growing over the long term from a deficit of \$5.5 billion in 2000, and \$1.5 billion in 1990.<sup>37</sup> Sang-yirl Nam, in an academic analysis of the effects of the proposed FTA, found in simulation

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<sup>34</sup> This stance is reflected in testimony by the National Cattlemen's Beef Association before the USITC on June 20, 2007.

<sup>35</sup> U.S. Dept. of Commerce. International Trade Administration. Office of Aerospace and Automotive Industries (Commerce Dept. OAAI). *U.S. Motor Vehicle Industry Domestic and International Trade Quick-Facts* (yearend 2008 data and earlier years).

<sup>36</sup> Ihlwan, Moon, "Korea's Kia Opens Auto Plant in U.S.," *Business Week*, November 17, 2009. [http://www.businessweek.com/globalbiz/blog/eyeonasia/archives/2009/11/koreas\\_kia\\_open.html](http://www.businessweek.com/globalbiz/blog/eyeonasia/archives/2009/11/koreas_kia_open.html)

<sup>37</sup> 2007 data from Commerce Dept. OAAI. Data for 1990 and 2000 quoted from CRS Report RL32883, *U.S. Automotive Industry: Recent History and Issues*, Appendix 5.

models of projected market changes, Korea would always gain relative to the United States from bilateral liberalization, “because Korea has a comparative advantage over the United States in the automobile sector; in other words, Korea has been much more successful in accessing the U.S. market than the United States has been in accessing the Korean market.”<sup>38</sup>

But Tom Walsh, writing in the *Detroit Free Press*, presents data to show that while the net U.S. bilateral automotive deficit will probably not decline substantially, the trends are favorable to the United States since 2004. Data attached to his article show that while the total value of U.S. imports from Korea rose by less than 1% from 2004 to 2007, the total value of U.S. exports in the other direction nearly doubled (up 87%).<sup>39</sup>

Through aggressive and successful marketing, Hyundai and Kia together have significantly increased U.S. market share between 2008 and 2009, despite the overall downturn in U.S. light vehicle sales. Both brands saw a jump in their U.S. sales (for Hyundai sales of both their domestic and imported vehicles increased by 8% from 2008 to 2009 and Kia’s car and light truck sales were up by 8% during the same time period), even while overall sales of U.S. light vehicles declined by 21% in 2009 compared to 2008. Their share of the U.S. market jumped from 5.1% in 2008 to 7.0% in 2009. By comparison, sales of Chevrolet’s Aveo model, which is imported from Korea, fell by 30% between 2008 and 2009.<sup>40</sup> Part of Hyundai’s success is attributed to the “Assurance” program, by which the company contracts to take back vehicles that it has sold to purchasers who subsequently lose their jobs in 2009. Both companies have also maintained sales by heavy use of incentives; Kia, in particular, doubled its incentives to more than \$5,000 per model, second only to Chrysler among all brands in the U.S. market.<sup>41</sup>

South Korean policies that allegedly restrict imports of foreign-made motor vehicles have been a major target of U.S. trade policy. In 1995 and 1998, the USTR negotiated memoranda of understanding (MOUs) with South Korea, aimed at reducing formal and informal South Korean policies that were said to discriminate against imports of U.S.-made vehicles and other foreign imports. U.S. policy primarily focused on motor vehicle taxation policies and South Korean motor vehicle standards, which supposedly did not conform to international standards, or those widely used in major markets.<sup>42</sup> The import share of the domestic market in South Korea has increased since the MOUs were signed—according to data from the Korea Automobile Manufacturers Association and the Korea Automobile Importers and Dealers Association, total imports grew from a low of less than 1% of the market (5,000 units) in 2000 to a 5.3% market share by 2008 (61,600 units). Preliminary 2009 data indicate import sales fell to nearly 61,000 units, with the total import share falling to 4.9%. Most of these cars were European or Japanese, along with the sales of fewer than 7,000 U.S. cars. BMW, Mercedes-Benz, and Audi were the top sellers by brand. Lexus, Honda, and Volkswagen also sold several thousand cars each in Korea. U.S. car makers sold far fewer cars than most of the major European and Japanese car manufacturers. Together, European manufacturers accounted for 62% (37,800 cars) of the more than 60,900 sales of imported cars in the Korean market in 2009 and Japanese manufacturers

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<sup>38</sup> Sang-yirl Nam, “Implications of Liberalizing Korea-U.S. Trade in the Automobile Sector: Potential Impact of the Korea-U.S. Free Trade Agreement,” Korea Economic Institute *Academic Paper Series*, III:1 (February 2008), p. 10.

<sup>39</sup> Tom Walsh, “Time for an Honest Chat About Trade,” *Detroit Free Press* (April 24, 2008).

<sup>40</sup> *Automotive News* data base, “U.S. Light-Vehicle Sales by Nameplate, December & YTD.” January 11, 2010.

<sup>41</sup> *Detroit Free Press*, “Chrysler, Kia Tops in Incentives” (March 4, 2009); *Automotive News*, “Hyundai Piles on Incentives” (March 9, 2009), p. 6.

<sup>42</sup> CRS Report RL32883, *U.S. Automotive Industry: Recent History and Issues*, p. 60.

combined comprised another 28% (17,000 cars). 10% of these cars were sold by one of the Detroit 3 automakers. In 2009, imports by Ford reached almost 3,000 units and Chrysler imported 2,700 cars.<sup>43</sup>

## **Automotive Trade Provisions in KORUS FTA**

The Office of the USTR states that KORUS FTA, “Includes a broad and unprecedented range of focused provisions designed to open up Korea’s auto market to U.S. cars and ensure that U.S. automakers have a fair opportunity to compete in Korea.”<sup>44</sup> These provisions may be summarized as follows:

- *Elimination of most South Korean tariffs on U.S.-made motor vehicles.* “Korea would immediately eliminate its 8% tariff on U.S.-built passenger cars and its 10% tariff on pickup trucks.”<sup>45</sup> Tariffs would be immediately reduced to zero in each country for autoparts imported from the other.<sup>46</sup>
- *Reduction of alleged discriminatory effects of engine displacement taxes.* A major U.S. complaint has been that South Korea has a steeply ascending vehicle tax schedule, with very high rates on vehicles with larger engine capacities, such as might be exported by U.S. producers. Moreover, the tax system has a “cascade” effect, so that subsequent taxation rates incorporate, for example, the 8% duty paid on an imported vehicle. According to the U.S. International Trade Commission (USITC) report on the agreement, 76% of the South Korean market is in vehicles with engine displacement less than 2000 cc, with 54% in the range 1601-2000 cc.<sup>47</sup> Currently, the consumer pays a “Special Consumption Tax” on purchase of a vehicle: cars below 800 cc are exempt, cars in the next range up to 2000 cc pay 5%. Anything larger is charged 10%. After an interim reduction period of three years, South Korea under the FTA would simplify this to a two-tier system: under 1000 cc tax-free, anything larger would be taxed at 5%. Besides this purchase tax, owners must pay an “Annual Vehicle Tax,” also based on engine displacement. Currently, there are five different ranges in this system, and the owner of a vehicle with an engine larger than the 1600-2000 cc market “sweet spot” pays an extra 10% per cc ownership tax. South Korea has agreed to simplify the ranges to three: 80 won/cc below 1000 cc engine capacity, 140 won/cc up to 1600 cc, and 200 won/cc for anything larger.<sup>48</sup> Both of these changes would include the majority of domestically produced cars, as well as imports, in the highest tax bracket.

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<sup>43</sup> To complete the picture, General Motors sells cars through its South Korean subsidiary, the GM Daewoo operations. In 2008, GM Daewoo sold 116,000 cars in Korea. The rest of its production, which totaled nearly 882,000 vehicles, were shipped abroad. General Motors Corporation and Korea’s Daewoo Motor Company launched the GM Daewoo Auto & Technology Company in 2002. GM holds a 72% stake in the Korean car maker, with the rest of the company controlled by the state run Korea Development Bank. GM Daewoo operates five manufacturing facilities in Korea and one assembly plant in Vietnam.

<sup>44</sup> Office of the USTR. “Free Trade with Korea: Summary of the KORUSFTA,” *Trade Facts* (April 2007).

<sup>45</sup> USITC. *U.S.-Korea FTA*, p. 3-79 (Box 3.4).

<sup>46</sup> Office of USTR. *Report of Industry Trade Advisory Committee on Automotive and Capital Goods (ITAC 2)* (April 27, 2007), p. 2.

<sup>47</sup> *Ibid.*, p. 3-76 (Table 3.16).

<sup>48</sup> *Ibid.*, p. 3-78-8, incl. Box 3.4.

- *Standards harmonization and creation of an “Automotive Working Group.”* U.S. manufacturers have complained that South Korea sets safety regulations and automotive product standards in a manner that is closed to outsiders and not transparent, and that consequently results in standards idiosyncratic to Korea. South Korean-based producers, who hold the lion’s share of the domestic market, can afford to operate one line for domestic production, and another for export. Foreign companies have difficulty affording the high unit cost of customizing a small number of vehicles for the South Korean market.<sup>49</sup> This problem is addressed in the KORUS FTA (Chapter 9—“Technical Barriers to Trade”) and in an exchange of “confirmation letters” of June 30, 2007 between USTR Susan Schwab and South Korean Trade Minister Hyun Chung Kim. Essentially, the agreement provides for self-certification on safety and emissions standards for a limited number of U.S.-exported vehicles, and a commitment that South Korea will evaluate emissions using “the methodology applied by the State of California ...”<sup>50</sup> South Korea also agreed “not to adopt technical regulations that create unnecessary barriers to trade and to cooperate to harmonize standards.”<sup>51</sup> Under terms of Annex 9-B, the two parties agree to create an “Automotive Working Group,” which will meet at least annually, and will review and resolve “issues with respect to developing, implementing and enforcing relevant standards, technical regulations and conformity assessment procedures.”<sup>52</sup>
- *Elimination of U.S. tariffs and “snapback” clause.* The major commitment on the U.S. side with respect to automotive trade issues is the elimination of all tariffs on South Korean-produced motor vehicles. The United States would immediately eliminate its 2.5% duty on gasoline-fueled passenger vehicles with engine displacement up to 3000 cc. It would also phase out over three years the same rate of duty on South Korean imports with larger engine capacity or that are diesel-powered. The 25% duty on pickup trucks, a residual rate dating from an earlier trade dispute with Europe, would be phased out on South Korean products over ten years.<sup>53</sup> However, the FTA, in Annex 22-A, also establishes a special bilateral dispute settlement panel, designed to resolve automotive issues within six months. “If the panel finds a violation of an auto-related commitment or the nullification/impairment of expected benefits, the complaining Party may suspend its tariff concessions on passenger cars and assess duties at the prevailing MFN rate (i.e., ‘snap-back’ any tariff reductions provided by the FTA).”<sup>54</sup> The USITC notes in its report that, “The dispute settlement provisions

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<sup>49</sup> Examples of how specific South Korean automotive standards discourage imports were provided by Stephen J. Collins, President of the Automotive Trade Policy Council, in testimony to the U.S. House. Committee on Ways and Means. Subcommittee on Trade (March 20, 2007), pp. 3-5. Dr. Thomas Becker of the German Verband der Automobilindustrie confirmed that European exporters confront the same problem in South Korea (CRS interview, March 12, 2007).

<sup>50</sup> Quoted from letter of South Korean Minister H.C. Kim to USTR Schwab (June 30, 2007), p. 1.

<sup>51</sup> USTR. “Summary,” p. 2.

<sup>52</sup> USTR. *Text of U.S.-Korea Free Trade Agreement*, p. 9-9. The details of the FTA on automotive technical barriers are summarized in Office of the USTR. “Fact Sheet on Auto-Related Provisions in the U.S.-Korea free Trade Agreement,” *Trade Facts* (April 3, 2007); and, USITC. *U.S.-Korea FTA*, p. 3-80 (Box 3.4).

<sup>53</sup> *Ibid.*, Box 3.4.

<sup>54</sup> USTR, “Auto-Related Provisions,” p. 1; USITC. *U.S.-Korea FTA*, p. 3-80 (Box 3-4).

restrict the [U.S.] snapback penalty on light trucks ... to the rate for passenger cars, 2.5%,” while South Korea could snap back to 8%.<sup>55</sup>

## **Expected Impact and Industry Reaction**

The USITC simulation model of the KORUS FTA estimates that while U.S. automotive exports to Korea would increase by a range of 45% to 59%, this would only amount to about \$300-400 million because of the low current baseline.<sup>56</sup> It states that tariff elimination “would likely have a positive effect on U.S. exports ... further, the overall tax burden on the South Korean consumer who purchases an imported vehicle would be reduced, more or less equalizing the total taxes paid on imported and domestic vehicles.”<sup>57</sup> It particularly emphasizes the potential gain for U.S.-exported hybrid vehicles to Korea, though failing to note that most hybrids in the U.S. market today are imported from Japan.<sup>58</sup> However, as the Detroit-based U.S. manufacturers have plans to increase their hybrid fleets and there are no South Korean-produced hybrid vehicles at present, the U.S. manufacturers could have a head start on these products (assuming Japanese-owned companies in the United States do not also export hybrids from their incipient U.S. production to the South Korean market).

With respect to automotive imports from South Korea into the United States, the USITC simulation estimates an “increase by \$1.3-1.7 billion (9-12%).” However, it also finds that “approximately 55-57% [would be] represented by diverted imports from other trade partners.”<sup>59</sup> Jeffery Schott states that South Korea gave a “priority to eliminating the small U.S. tariff” primarily because of Japanese competition. Since 2001, the won has strengthened against the U.S. dollar, while the Japanese yen has weakened, creating a disadvantage in the U.S. market for Hyundai, whose vehicles must compete against Japanese companies’ vehicles on price. One result has been reported significant declines in Hyundai earnings.<sup>60</sup> The USITC also notes plans by Hyundai to begin producing vehicles based on hybrid technology, indications that Hyundai and Kia were studying the development of pickup trucks, and actual exports of a small number of pickups to third markets by Ssangyong, a smaller producer.<sup>61</sup> Hyundai and Kia do already produce small pickup-type vehicles in Korea, but they would not appear to be suitable in design or style for the United States.<sup>62</sup>

U.S. industrial interests’ views on KORUS FTA may be described as follows:

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<sup>55</sup> Ibid., p. 3-82 and Box 3.4.

<sup>56</sup> Ibid., Table 2.2.

<sup>57</sup> Ibid., p. 3-78.

<sup>58</sup> Ibid.

<sup>59</sup> Ibid., pp. 2-12 and 3-82, and Table 2.2. Dr. Nam’s simulations from the paper cited above produce somewhat more modest results. He estimates a net Korean export gain of about \$900 million, a U.S. gain of about \$130 million, leading to an increase in the U.S. bilateral deficit of about \$770 million. As with the ITC findings, he concludes, “bilateral tariff elimination between Korea and the United States ... will increase the two countries’ exports and imports of automobiles and parts at the expense of other countries;” p. 10.

<sup>60</sup> Jeffrey J. Schott. *The Korea-US Free Trade Agreement: A Summary Assessment*. Peterson Institute Policy Brief No. PB07-7 (August 2007). p. 4.

<sup>61</sup> USITC. *U.S.-Korea FTA*, p. 3-83.

<sup>62</sup> According to *Ward’s Automotive Yearbook*, in 2006, Hyundai produced 98,000 “Porters,” and Kia produced 72,000 “Bongos,” both described as pickups.

- The Detroit “Big Three” are split and there is a divergence of views on the KORUS FTA within the domestic U.S. automotive sector. Ford and Chrysler are opposed, while General Motors (GM) is neutral.
- Automotive parts suppliers were reported to support the FTA because of their strong export-based business with Korean customers.
- Broader-based industry organizations are favorable, despite the opposition of two major motor manufacturers and some other sectoral groups.

These views were reflected in the September 2009 statements submitted to the Interagency Trade Policy Staff Committee on the US-Korea Free Trade Agreement. In the April 2007 report of the Industry Trade Advisory Committee on Automotive and Capital Goods (ITAC 2) to USTR, the chair noted that, “Generally, the manufacturers of capital goods see [the FTA] as an important milestone in providing market access to a country and region historically protectionist.... However, in terms of U.S. automotive equipment manufacturers, the outcome is mixed.”<sup>63</sup>

Both the U.S. motor vehicle industry representatives and the whole of ITAC 2 initially recommended an “unconventional” approach on automotive issues in the negotiations. It would have “precondition[ed] the phase-out of U.S. automotive tariffs on the demonstration of South Korean market openness in terms of improved import penetration that is on par with that of other OECD countries.”

Fifteen Members of Congress, including Representative Charles Rangel, chair of the House Ways and Means Committee, wrote President Bush on March 2, 2007, with a proposal along the lines of the “performance metric” approach suggested by ITAC 2. Their proposal would have delayed full elimination of the U.S. import tariff cut for at least 15 years, while U.S. representatives assessed South Korea’s performance in opening its market to U.S. exports. A formula would be used each year to determine the number of South Korean-produced vehicles that would receive duty-free treatment in return. They also proposed a “snapback” safeguard provision on the U.S. tariff should South Korean imports in the U.S. market be judged to increase too rapidly. The 25% U.S. tariff on pickup trucks would remain in place, subject to a multilateral agreement on automotive trade at the World Trade Organization.<sup>64</sup>

Despite the fact that the final agreement did “not include a performance metric approach,” most ITAC 2 members supported KORUS FTA anyway.<sup>65</sup> The Ford Motor Company disagreed. In its statement appended to the report, Ford accepted that “some progress was achieved with respect to existing non-tariff barriers (NTBs).” But it noted that many of the exemptions for U.S.-made vehicles with respect to NTBs were very limited in volume or were temporary, that South Korea could continue to use a mix of U.S. and European standards, and that taxation rates were still exceptionally high for the types of product foreign companies would most likely export to South Korea. On the other hand, the immediate lifting of the U.S. 2.5% tariff on most South Korean imports would be a “lopsided benefit” that in effect “will reward South Korean manufacturers for 20 years of unfair trade practices by the South Korean Government.”<sup>66</sup> Similarly, a representative

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<sup>63</sup> ITAC 2 report, p. 1.

<sup>64</sup> Letter to President George W. Bush from Reps. Rangel, Levin, Dingell, Kildee, Kind, Tauscher, Upton, Knollenberg, Candice Miller, McCotter, and Ehlers, and Senators Levin, Voinovich, Bayh, and Stabenow (March 1, 2007).

<sup>65</sup> ITAC 2 report, p. 2.

<sup>66</sup> “Ford Motor Company Assessment of the Automotive Provisions of the US-Korea FTA,” appended to ITAC 2 report.



of Chrysler testified before Congress that, because of the “imbalance in U.S.-Korea auto trade ... we simply cannot support the U.S.-Korea Free Trade Agreement in its current form.”<sup>67</sup> In its September 15, 2009 statement to the TPSC, the Chrysler Group LLC said, “the U.S. auto industry simply cannot afford to lock in one-sided trade deals.”<sup>68</sup>

By contrast, a GM statement appended to the ITAC-2 report concluded that the proposed FTA “has addressed the auto industry’s concerns.” But “given the current imbalance in trade between the two countries,” GM foresaw that in the “near term” South Korea would be the greater beneficiary, and therefore GM would be neutral on the agreement. It noted that tax policy changes promised by the South Korean government would reduce the overall burden on the automotive sector and that there were no caps on U.S.-exported vehicles meeting compliance with California emission standards, because South Korea committed to establish emission requirements on the same basis. GM also commented that the sector-specific “snapback” rule on tariff reductions was a unique and positive addition to U.S. FTAs.<sup>69</sup> It should be added that GM’s position is probably influenced by the fact that it has become a major investor in the South Korean motor industry through its acquisition of Daewoo. Since the acquisition, GM has increased Daewoo production from 310,000 in 2003 to 1.8 million in 2008.<sup>70</sup> GM in 2009 sold 38,500 Chevrolet Aveos in the United States that were imported from its South Korean affiliate, down by 43% from the 67,000 sold in 2007.<sup>71</sup>

The United Auto Workers (UAW) union is strongly opposed to the FTA, and its literature on the subject includes a joint statement of opposition issued together with the South Korean Metal Workers’ Union (KMWU).<sup>72</sup> In testimony before the House Ways and Means Committee’s Trade Subcommittee, UAW Legislative Director Alan Reuther endorsed the negotiating strategy proposed by Members of Congress, described above.<sup>73</sup> He stated that the final agreement as contemplated instead “would exacerbate the totally one-sided auto trade imbalance between South Korea and the U.S. and jeopardize the jobs of tens of thousands of American workers.”<sup>74</sup> Reuther further criticized the labor rights record of South Korea as “very problematic.” He noted “numerous areas of worker rights violations in South Korea,” cited in the U.S. Department of State’s 2005 *Country Reports on Human Rights Practices* and the arrest of the KMWU president in 2006 in a protest against government efforts to change South Korean labor laws in a manner

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<sup>67</sup> U.S. Senate. Committee on Commerce, Science and Transportation, Subcommittee on Interstate Commerce, Trade and Tourism. Hearing on the Imbalance in U.S.-Korea Auto Trade (September 24, 2008), Statement of John T. Bozzella, Chrysler LLC, p. 3.

<sup>68</sup> Statement by Chrysler Group, on the subject of the U.S.-Korea Free Trade Agreement,” Washington, DC, September 15, 2009, p. 3.

<sup>69</sup> “General Motors Corporation Assessment of the Automotive Provisions of the US-Korea FTA,” appended to ITAC 2 report.

<sup>70</sup> “General Motors Achieves Record Sales in Asia Pacific in 2008,” *The Auto Channel*, January 9, 2009. <http://www.theautochannel.com/news/2009/01/09/353181.html>

<sup>71</sup> Automotive News, 2009 U.S. Light-Vehicles Sales by Nameplate, December & 12 months 2009.

<sup>72</sup> “KMWU-UAW Joint Declaration in Opposition the Proposed Korea-U.S. Free Trade Agreement,” issued at Seoul, Korea (May 1, 2007), available at UAW website.

<sup>73</sup> U.S. House of Representatives. Committee on Ways and Means. Subcommittee on Trade. Testimony of Alan Reuther (March 20, 2007), p. 3.

<sup>74</sup> Quoted from letter of Alan Reuther to all members of the House (April 18, 2007), p. 2. A similar letter was sent to all members of the Senate. It may be noted that, while all Detroit-based “Big Three” parts manufacturing and assembly plants are organized by the UAW or other unions, there are virtually no union-organized U.S. motor vehicle assembly plants operated by foreign-owned companies, including the Hyundai plant in Alabama; see CRS Report RL32883, *U.S. Automotive Industry: Recent History and Issues*, pp. 37-43.

unfavorable to the union movement there.<sup>75</sup> In a February 2008 speech in Washington, UAW President Ron Gettelfinger criticized the proposed FTA in these terms: “That’s not free trade and that’s not fair trade. That is the theft of American jobs.”<sup>76</sup> President Gettelfinger reiterated these views in testimony before Congress in September 2008.<sup>77</sup> In written testimony submitted to USTR in September 2009, the UAW called on the “Obama Administration to reject the current version of the FTA with South Korea, and to renegotiate the auto provisions of this trade deal before Korea is granted any additional access to our market.”<sup>78</sup>

Both the management side and the labor side of the domestically owned U.S. automotive industry have used the word “unbalanced” to describe the benefits that may flow from the implementation of the KORUS FTA. This may seem odd, given that the agreement has many provisions in various chapters dealing with specific South Korean policies and practices, and virtually none on the U.S. side, beyond the elimination of tariffs. This could be because the global competitive problems currently affecting the unionized, domestically owned sector of the U.S. motor vehicle industry go well beyond the scope of this FTA to solve.<sup>79</sup> Indeed, given major differences in the profiles of the U.S. and South Korean motor vehicle markets, it would appear unlikely that the Detroit Three, which tend to specialize domestically in the production of larger vehicles, could ever gain more than a fractional position there through exports from the United States. Thus, the UAW, Ford, and Chrysler oppose the KORUS FTA as potentially only adding to the severe competitive pressure their side of the domestic U.S. industry is facing. GM has secured a solid investment position in South Korea that it is integrating into its global strategy. But possibly it may not want to antagonize its unionized U.S. employees and has taken a neutral position.

## Textiles and Apparel

Textiles and apparel are a small and dwindling portion of U.S. manufactured imports from South Korea. In 2009, textiles accounted for 1.5% of total U.S. imports from South Korea and apparel accounted for 1.1%.<sup>80</sup> In 2009, the United States imported \$0.6 billion in textiles and \$0.3 billion in apparel from South Korea. South Korea’s shares of the U.S. market for textiles and apparel has shrunk in relative and absolute terms over the years. In 1990, for example, South Korea was the third largest source of U.S. imports of apparel with an 13.0% share, but by 2009, it had dropped to the 26<sup>th</sup> largest source with a 0.4% share. This decrease came largely as the result of the surge in China’s share of U.S. apparel imports, which grew from 13.7% in 1990, to 39.1% in 2009. In 1990, South Korea was the 3<sup>rd</sup> largest source of U.S. textile imports of textiles with 9.8% and was the 7<sup>th</sup> largest in 2009 with a 3.2% share.<sup>81</sup> The United States exports small volumes of apparel to South Korea—\$80 million of apparel in 2009.<sup>82</sup>

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<sup>75</sup> Reuther testimony, pp. 6-7. The Reuther letters to the House and Senate makes the same point more briefly.

<sup>76</sup> *Detroit Free Press*, “South Korea Called Threat: UAW Chief Says Market Steals U.S. Jobs,” February 4, 2008.

<sup>77</sup> Senate Commerce Committee Hearing (September 24, 2008), Statement of Ron Gettelfinger.

<sup>78</sup> International Union, United Automobile, Aerospace & Agricultural Implement Workers of America (UAW), *Free Trade Agreement with the Republic of Korea (KORUS-FTA)*, Washington, DC, September 10, 2009, p. 9.

<sup>79</sup> See especially Schott, pp. 5-6.

<sup>80</sup> The textile and apparel statistics are based on U.S. imports for consumption derived from three NAICS codes (NAICS 313: Textile Mills; NAICS 314: Textile Product Mills; and, NAICS 315: Apparel Manufacturing) and were compiled using the USITC’s Dataweb.

<sup>81</sup> *Ibid.*

<sup>82</sup> *Ibid.*

The KORUS FTA would eliminate U.S. tariffs immediately on 52% (in terms of value) U.S. imports of South Korean textiles and apparel, and would phase out U.S. tariffs on 21% over five years and on the remaining 27% over 10 years.<sup>83</sup> Currently, the average U.S. MFN tariff on textiles is 7.9% with a maximum applied tariff of 34.0% and with 16.1% of textiles categories already entering the United States duty free. The average applied U.S. MFN tariff on apparel imports is 11.5% with a maximum tariff of 32%, and 3.3% of the tariff lines entering duty free.<sup>84</sup>

The average South Korean applied tariff on textiles is 9.2% with a maximum of 13% and 0.3% of tariff lines entering duty free. The average South Korean tariff on apparel is 12.6% with none entering duty free and with a maximum tariff of 13%.<sup>85</sup> The KORUS FTA, would eliminate South Korean tariffs immediately on 77% (by value) of U.S. exports of textiles and apparel and would phase out tariffs on 13% over three years and the remaining 10% over five years.<sup>86</sup>

The KORUS FTA, with some exceptions, would use the yarn-forward rule of origin for apparel imports; that is, apparel made from yarn or fabric originating in either the United States or South Korea would be eligible for duty-free treatment under the FTA. The FTA also includes a special safeguard provision whereby, if imports of textiles or wearing apparel to one KORUS FTA partner country from the other increases at such a rate as to cause or threaten to cause serious injury to the domestic industry of the importing country, the importing country can suspend further reduction of tariffs, or it can increase the duty on the imported product to (the lesser of) the MFN rate applicable at the time the action was taken or the MFN duty that was in force when the FTA went into effect. The safeguard action can be in place for two years with a possible extension of two years but no more than a total of four years. However, the importing country will have to compensate the exporting country by making additional trade liberalizing concessions equivalent in value to the additional duties expected to result from the safeguard action. The concessions would be limited to textiles and apparel unless the two countries agree otherwise.

The USITC has estimated that, if implemented, the KORUS FTA would over time lead to an increase in U.S. imports of South Korean textiles of \$1.7 billion to \$1.8 billion and of apparel of \$1.0 billion to \$1.2 billion, with the major portion of the increase being diverted from other countries. The USITC also has estimated that the KORUS FTA would lead to an increase in U.S. exports of textiles of \$130 million to \$140 million and of apparel of \$39 million to \$45 million to South Korea.<sup>87</sup>

The KORUS FTA would allow some fibers, yarns, and fabrics originating outside of the United States and South Korea to become eligible for preferential treatment if the product is not available domestically in commercial quantities in either country. The agreement also provides for the establishment of a Committee on Textile and Apparel Trade Matters to raise concerns under the FTA regarding mutual trade in these products.

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<sup>83</sup> United States International Trade Commission. *U.S.-Korea Free Trade Agreement: Potential Economy-Wide and Selected Sectoral Effects*. USITC Publication 3949. September 2007. p. 3-52.

<sup>84</sup> World Trade Organization. *Tariff Profiles 2006*. Located at <http://www.wto.org>.

<sup>85</sup> *Ibid.*

<sup>86</sup> USITC. p. 3-52.

<sup>87</sup> *Ibid.* p. 3-53.

The textile and apparel industry appears split on their views of the KORUS FTA according to the Industry Trade Advisory Committee on Textiles and Clothing (ITAC-13).<sup>88</sup> Some representatives of the textile producers support the yarn-forward rule as benefitting their industry and also conforming to provisions in other U.S. FTAs but also argue that it should be broader by including sewing thread, narrow fabrics and pocketing fabrics, which are excluded from the rule. Others, including some textile representatives and representatives from the apparel industry with supply chains in other countries, have criticized the yarn-forward rule as being restrictive and limiting trade opportunities.

Members of the industry are also divided on the lack of cumulation provisions in the FTA, that is provisions which allow preferential treatment for limited amounts of apparel woven from components outside the FTA area. Textile producers supported the lack of cumulation provisions while apparel producers would have wanted them included. They also split on the phase-out periods for tariffs with textile producers arguing that some sensitive products were given immediate duty-free treatment. Apparel producers argued that all apparel and textiles should have been given immediate duty-free treatment. Footwear and travel goods are also covered under the FTA. Producers of both categories strongly support the FTA and how their products would be treated.<sup>89</sup>

## **Other Manufactured Goods**

The provisions of the KORUS FTA affect a wide range of other industries beyond the automotive sector and textiles and apparel. Cross-sectoral trade associations that represent broad ranges of U.S. manufacturers have indicated their support for the agreement, not only because of the general elimination of South Korean tariffs on U.S. exports, but also because of such provisions as those promising to increase cooperation in the reduction of technical barriers to trade and the improvement in South Korea of the protection of U.S. companies' intellectual property rights.<sup>90</sup> Similarly, most sectoral trade associations expressed support, although some noted reservations with specific provisions.<sup>91</sup> The steel industry in particular was a notable dissenter.

## **Capital Goods Machinery and Equipment**

U.S. machinery exports could be the largest single sectoral gainer from the FTA with South Korea. According to the USITC's simulation analysis, the sector stands to gain nearly \$3 billion in exports if the agreement is approved.<sup>92</sup> The tariffs on U.S. machinery and equipment imported into South Korea range from 3% to 13%, but U.S. products are already competitive in many

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<sup>88</sup> Report of the Industry Trade Advisory Committee on Textiles and Clothing (ITAC-13) on the South Korea/U.S. (KORUS) Free Trade Agreement. April 27, 2007.

<sup>89</sup> Ibid.

<sup>90</sup> National Association of Manufacturers (NAM). "Support the U.S.-Korea Free Trade Agreement," *ManuFacts* (September 2007); U.S. Chamber of Commerce, "Chamber Welcomes Announcement of U.S.-Korea Free Trade Agreement" news release 07-57 (April 2, 2007), and "U.S. Chamber Welcomes Signing of U.S.-Korea Free Trade Agreement" news release 07-126 (June 30, 2007); Business Roundtable, "Business Roundtable Applauds Deal on U.S.-Korea Trade" (April 2, 2007).

<sup>91</sup> Thus, in its submission to the ITC, the NAM indicated, "the FTA is not perfect and noted concerns expressed by U.S. automakers about the FTA's tariff and nontariff provisions and the questions raised by the U.S. steel industry about trade rules and other barriers." USITC. *U.S.-Korea FTA*, p. 3-73.

<sup>92</sup> Ibid., Table 2.2.

cases, and already account for 15-20% of total South Korean imports. (A specific example is U.S.-made computer-numerically controlled machine tools.) Most machinery tariffs would be immediately eliminated; others would be phased out over three to ten years.<sup>93</sup> As noted in the previous section on autos, the capital goods machinery industry representatives in ITAC 2 split with the motor vehicle industry representatives and supported the agreement. The ITAC report specifically cited, “U.S. manufacturers of electrical equipment [who] will benefit substantially by South Korean tariff reductions and eliminations, where the sector has already returned to running a trade surplus with South Korea.”<sup>94</sup> The USITC report further noted the export potential of electrical-power generating equipment, for which South Korean duties range up to 8% currently. U.S. exporters are nonetheless already leading suppliers of turbines, generators and nuclear reactors to South Korea.<sup>95</sup> The National Electrical Manufacturers Association (NEA) stated that U.S. exports to South Korea had risen steadily, by a total of 62%, since 2002, and that there was a U.S. surplus in bilateral trade. It calls for:

legislators in both countries to ratify the Agreement as soon as possible. While the U.S. electrical equipment industry still has concerns relating to non-tariff barriers and intellectual property protection in South Korea, the overall FTA package would improve conditions for selling there by featuring the elimination—most of it immediate—of remaining tariffs on goods in NEA’s product scope.<sup>96</sup>

Another major capital goods item in which the United States has a strong bilateral trade position is aircraft. Total 2008 aircraft and parts exports to South Korea were \$2.7 billion. However, civilian aircraft imports are already duty-free in South Korea.<sup>97</sup>

## **Electronic Products and Components**

Both South Korean and U.S. tariffs on most electronics products, such as semiconductors, telecommunications equipment, and computers, are already zero, as they are included in the multilateral Information Technology Agreement eliminating tariffs among more than 50 countries. As recently as 2006, the United States has a substantial surplus with South Korea in semiconductors: \$4.7 billion in 2006 exports, versus \$2.9 billion in imports. In 2009, the U.S. posted a trade deficit in semiconductors with South Korea of \$1.1 billion. The United States has a deficit in computer equipment, plus large imports of computer and office equipment parts and accessories (\$1.5 billion).<sup>98</sup>

Sectoral organizations representing these industries supported the KORUS FTA. It was argued the FTA would extend tariff-free treatment to consumer electronics products and could guarantee improvements for U.S. products in South Korea with respect to intellectual property protection, technical barriers, government procurement and competition policy.<sup>99</sup>

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<sup>93</sup> Ibid., pp. 3-68 and 3-71.

<sup>94</sup> ITAC 2, p. 1.

<sup>95</sup> USITC. *U.S.-Korea FTA*, p. 3-71.

<sup>96</sup> NEMA. “U.S.-South Korea Free Trade Agreement,” *NEMA Issue Brief* (April 2007).

<sup>97</sup> USITC. *U.S.-Korea FTA*, p. 3-68 and Table 3.13.

<sup>98</sup> These statistics are based on HTS codes for semiconductors (HTS 8542), computer equipment (HTS 8471), and computer and office equipment parts and accessories (HTS 8473).

<sup>99</sup> Ibid., pp. 3-68 through 3-73.

One information technology organization supportive of the KORUS FTA, the Semiconductor Industry Association, did caution that the trade remedies chapter of the KORUS FTA could undermine U.S. industry's use of antidumping and countervailing duty (AD-CVD) laws (see below). In 2003, the USITC found that Micron Corporation, the last remaining U.S.-based producer of dynamic random access mode semiconductors (DRAMs, widely used as memory chips in computers) was materially injured by government-subsidized DRAM semiconductors produced by Hynix Corporation of Korea. The Commerce Department subsequently established a 44% penalty tariff on Hynix DRAMs imported into the United States.<sup>100</sup>

## **Steel**

The American steel industry registered a strongly negative position on the KORUS FTA through its industry advisory body to USTR, ITAC 12 (Steel). Its report noted that the agreement “does not provide for changes in U.S. AD-CVD statutes” and that each party retains its full rights under World Trade Organization rules. However, ITAC 12 objected to “changes to the related legal processes” in the KORUS FTA chapter on trade remedies with respect to three “key areas:”

- By Article 10.7.3, parties are required to notify each other whenever an AD-CVD application is filed, and prior to initiation of a formal investigation. They must afford the other government an opportunity to consult on the application. The steel industry objects to “improperly politicizing the consideration of a trade remedy provision filed by a U.S. industry, in a process that is already transparent and open,” particularly in antidumping cases.
- In Article 10.4, either party must afford to the other an adequate opportunity for, and due consideration of, price undertakings by respondent companies, “which, if accepted may result in suspension of an investigation” without imposition of penalty duties. The steel industry is concerned that the provision “would encourage the use of suspension agreements and the injection of foreign governments into the trade law process.”
- The steel industry opposes the provision to establish a bilateral Commission on Trade Remedies (Article 10.8) as “unprecedented, unnecessary and would provide yet more opportunities for South Korea to weaken U.S. trade law enforcement.”<sup>101</sup>

The specific details of the trade remedies chapter are discussed elsewhere in this report. Beyond these specific issues ITAC 12 also made a number of other critical points. It argued that the rules of origin provisions did not follow earlier precedents and there were concerns with products eventually being produced in the Kaesong Industrial Complex of North Korea. (See the section on the Kaesong Industrial Complex.) It objected to the proposed KORUS FTA's ignoring currency manipulation issues. They also supported their U.S. automotive customers' view that the FTA failed to insure adequately access to the South Korean market for U.S.-made motor vehicles. On these grounds, “especially with regard to the proposed AD-CVD provisions, ITAC 12 cannot

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<sup>100</sup> USITC Investigation no. 701-TA-431. *Federal Register*, XVIII: 154 (August 11, 2003), pp. 47546-7, 47607.

<sup>101</sup> Office of the USTR. Industry Trade Advisory Committee on Steel (ITAC 12). *The U.S.-Korea Free Trade Agreement* (April 27, 2007). Main views are summarized in pp. 1-2.

conclude at this time that the KORUS FTA promotes the economic interests of the United States and provides for equity and reciprocity within the steel sector.”<sup>102</sup>

## **Pharmaceuticals and Medical Devices**

While pharmaceuticals and medical devices (P&M) are a relatively small part of U.S.-South Korean trade, they are products in which U.S. producers compete well in the South Korean market and ones in which manufacturers see increasing export opportunities as the South Korean economy matures. For years, the U.S. industry and government have complained about a number of South Korea’s pharmaceutical policies that allegedly are designed to protect South Korean industry, which predominately produces generic drugs.

South Korea is among the world’s top 12 largest markets for pharmaceuticals, accounting for about \$8 billion in sales annually.<sup>103</sup> The South Korean market for medical devices accounts for roughly \$2.5 billion in sales annually and is expected to grow 10-15 % each year in the next several years, in part due to the rapid aging of the population.<sup>104</sup> While potentially lucrative, South Korea is a market in which U.S. P&M manufacturers claim government regulations have limited their ability to penetrate that market.

In 2008, the United States exported \$410 million in medical devices to South Korea, accounting for 2.0% of total U.S. exports of those products and 1.2% of total U.S. exports to South Korea. In 2008, the United States exported \$358 million in pharmaceuticals to South Korea accounting for 1.0% of total U.S. exports of pharmaceuticals and 1.0% of total U.S. exports to South Korea. In the same year South Korea exported \$181.3 million in medical devices and \$95.0 million in pharmaceuticals to the United States.<sup>105</sup>

Of major concern was the South Korean government’s May 2006 change in how it determined reimbursement amounts. Prior to the change, it maintained a “negative list” system, under which products would be eligible for reimbursement unless they appeared on the list. With the change, the South Korean government has switched to a “positive list” requiring a product to be listed before it would be eligible making it potentially more difficult for a product to become eligible. Announcement of the policy came without prior notification to U.S. officials or affected U.S. manufacturers and occurred at an early point in the negotiations placing a cloud over them. Despite complaints from the United States, South Korea went ahead with implementing its positive list system.

P&M manufacturers also have cited the South Korean government’s policies on reimbursements for pharmaceuticals and medical devices under its single-payer health insurance program. U.S. manufacturers have argued that the policies discriminate against innovative pharmaceuticals because they establish relatively low reimbursement amounts for medicines thus not taking into account the costs that producers of leading-edge pharmaceuticals incur and that are reflected in higher prices. The manufacturers wanted the KORUS FTA to establish transparency as an

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<sup>102</sup> *Ibid.*, p. 2.

<sup>103</sup> USITC. p. 3-64.

<sup>104</sup> *Ibid.* p. 3-91.

<sup>105</sup> USITC dataweb.

important principal in South Korea's development and implementation of reimbursement policies, including an appeal process for decisions going against U.S. manufacturers.

In response, South Korea agreed in the KORUS FTA to allow U.S. pharmaceutical makers to apply for increased reimbursement levels based on safety and efficacy. South Korea also agreed to publish proposed laws, regulations, and procedures that apply to the pricing, reimbursement, and regulation of pharmaceuticals and medical devices in a nationally available publication and to allow time for comment. In addition, South Korea agreed to establish a process for U.S. manufacturers to comment on proposed changes in laws and regulations and for them to obtain a review of administrative determinations that adversely affect them.

Intellectual property rights protection in South Korea has been a critical issue for U.S. pharmaceutical manufacturers. Specifically, the failure of the South Korean government to protect from competitors proprietary data that manufacturers must submit for market approval. In addition, the South Korean government has, in some cases, approved marketing of some pharmaceuticals before it has determined that the applicant is the rightful owner of the patent and trademark.<sup>106</sup>

In response, under the KORUS FTA's data exclusivity provisions, South Korea would not allow a third company, such as a generic drug manufacturer, from marketing a new pharmaceutical using the safety and efficacy data, supplied by an original U.S. manufacturer as part of the market approval process, without the permission of the original U.S. maker for five years from the date of marketing approval for the original product. In addition, if a third party submits safety or efficacy information for a product that an FTA partner government had already approved, the government is to notify the original patent holder of the identity of the third party and is to prevent the marketing of the third party's product on its territory if permission had not been granted by the original patent holder. In a side letter, the United States and South Korea agreed to not invoke the data exclusivity provision until the FTA has been in effect 18 months. Furthermore, South Korea agreed to a patent-linkage system; that is, neither government is to approve the marketing of a generic drug while the original patent is still in effect. Another provision, known as patent-term extension, would require each FTA government to adjust the length of the effective period for patents on pharmaceuticals to take into account delays incurred in receiving patent approval and marketing approval. The KORUS FTA states that no provision would prevent either government from taking measures to protect the public health of its residents from HIV/AIDS, tuberculosis, malaria, and other epidemics, by ensuring access to medicines. The FTA would reaffirm each country's commitment to the WTO TRIPS/health Declaration.

Reactions within the pharmaceutical and medical devices industries were somewhat split on the KORUS FTA. Makers of innovative products supported the provisions that are designed to preserve the rights of patent holders and provisions that are designed to make the South Korean regulatory, pricing, and reimbursement process more transparent and open to comments and procedural reviews. At the same time, industry representatives remain critical of South Korea's new reimbursement procedures and argue that the new system does not take into account the benefits of innovative drugs that cause drug prices to be higher. Generic drug manufacturers

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<sup>106</sup> Primosch, William. *Testimony of Senior Director, International Business Policy, National Association of Manufacturers on the Proposed United States-Korea Free Trade Agreement for the Trade Policy Staff Committee, Office of the U.S. Trade Representative*. March 14, 2006. p. 6.



argue that the KORUS FTA does not contain provisions guaranteeing the availability of affordable drugs.<sup>107</sup>

## **Financial and Other Services**

South Korea was the seventh largest U.S. market for cross-border trade in services in 2008. U.S. service providers exported \$15.4 billion in services to South Korea. Among them were South Koreans' travel to the United States (\$2.6 billion); other transportation, such as freight services (\$3.5 billion); royalties and license fees (\$3.2 billion); and other private services, such as professional services, business services, banking, insurance, and other financial services (\$4.9 billion).<sup>108</sup> However, this amount probably undervalues the total volume of U.S. sales of services to South Korea as services are also sold through three other modes of delivery: by U.S. companies with a long-term presence in South Korea, by U.S. providers to South Korean residents located temporarily in the United States; and by U.S. providers temporarily located in South Korea.

In 2008, the United States imported \$9.6 billion in services, including other transportation (\$3.3 billion), U.S. travel to South Korea (\$1.2 billion), expenditures by U.S. military (\$2.4 billion), and other travel (\$1.7 billion).<sup>109</sup> This figure does not include services sold to U.S. residents by South Korean firms through the other modes of delivery.

U.S.-South Korean trade in services cuts across several chapters of the KORUS FTA—Chapter 12 (cross-border trade in services); chapter 13 (financial services); and Chapter 15 (telecommunications); chapter 11 (foreign investment); among others. A major U.S. objective in the KORUS FTA negotiations was to obtain South Korean commitments to reduce barriers to trade and investment in its services sector, especially in professional, financial, and telecommunications services.

**In general** the two countries would commit to:

- provide national treatment and most-favored-nation treatment to the services imports from each other;
- promote transparency in the development and implementation of regulations in services providing timely notice of decisions on government permission to sell services;
- prohibit limits on market access, such as a caps on the number of service providers, on the total value of services provided, on the total quantity of services provided, and on the total number of persons that can be employed by services providers;
- prohibit foreign direct investment requirements, such as export and local content requirements and employment mandates; and

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<sup>107</sup> Report of the United States Industry Trade Advisory Committee for Chemicals, Pharmaceuticals, Health/Science Products, and Service (ITAC-3) on The United States-South Korea Trade Promotion Agreement. April 24, 2007.

<sup>108</sup> Data obtained from U.S. Department of Commerce. Bureau of Economic Analysis.

<sup>109</sup> *Ibid.*

- prohibit restrictions on the type of business entity through which a service provider could provide a service.

U.S. and South Korean negotiators agreed to several concepts under the KORUS FTA that could apply the agreements' provisions to a broad scope of services. The two countries agreed to the "negative list" approach in making commitments in services. That is, the KORUS FTA is to apply to all types of services unless identified as an exception in the relevant annexes. In addition, the commitments are ratcheted—when new services emerge in the U.S. or South Korean economies, those services are automatically covered by the FTA unless identified as an exception; if either country unilaterally liberalizes a measure that it had listed as an exemption, it is automatically covered under the FTA. Furthermore, if one KORUS FTA partner extends preferential treatment to service providers from a third country under another FTA, it is to extend the preferential treatment to its KORUS FTA partner.

The United States sought greater reciprocity in the treatment of **professional services** and thereby gain increased access to the South Korean market for U.S. providers. The United States and South Korea agreed to form a professional services working group to develop methods to recognize mutual standards and criteria for the licensing of professional service providers. Under the KORUS FTA, South Korea would allow U.S. law firms to establish representative offices in South Korea no later than two years after the KORUS FTA entered into force. South Korea would also permit U.S. legal representative offices to establish cooperative operations with a South Korean firm to handle matters pertaining to domestic and foreign legal matters, and, no later than five years after the agreement's entry into force, would allow U.S. law firms to establish joint ventures with South Korean firms. However, South Korea would still reserve the right to restrict the activities of foreign lawyers.

Regarding **financial services**, under the KORUS FTA, if a domestic provider in one partner country develops and sells a new financial service in its home market, providers from the FTA partner country would be able to sell a like service in that market. The agreement would allow an FTA partner government to impose restrictions on the sale of financial services by providers from the other partner country for prudential reasons, for example, to protect investors, depositors, policy holders, or persons to whom a fiduciary duty is owed. The FTA would also permit either partner government to restrict monetary transfers in order to ensure the soundness of financial institutions.

The South Korean **insurance** market is the seventh largest in the world. The USITC estimates, therefore, that U.S. insurers would be poised to obtain sizeable gains in a liberalized South Korean services market.<sup>110</sup> U.S. insurance companies have been concerned that the state-owned Korea Post and the cooperative insurance providers—the National Agricultural Cooperative Federation and the National Federation of Fisheries Cooperative—are not regulated by the Korean Financial Supervisory Commission or by the Financial Supervisory Service, while both private-sector foreign and domestic providers are so regulated.<sup>111</sup> Under the KORUS FTA, South Korea agreed that those entities would be subject to an independent state regulator as opposed to being self-regulated.<sup>112</sup> In addition, Korea Post would not be allowed to offer new insurance

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<sup>110</sup> USITC. p. 4-8.

<sup>111</sup> Office of the United States Trade Representative. *2007 National Trade Estimates Report—Foreign Trade Barriers*. p. 366.

<sup>112</sup> The United States-Korea Free Trade Agreement (KORUS FTA). Report of the Industry Trade Advisory Committee on Services and Finance Industries (ITAC 10) April 2007.

products. The two countries would allow a partner country financial services provider to transfer electronically information from its territory as necessary in the course of doing business.<sup>113</sup> This is a provision that the U.S. industry highlighted as being particularly important.

In **telecommunications services**, South Korea would reduce government restrictions on foreign ownership of South Korean telecommunications companies. Two years after the KORUS FTA enters into force, U.S. companies would be able to own up to 100% of voting shares in domestic South Korean telecommunications companies, and those companies would be able to own up to 100% of a facilities-based licensee.<sup>114</sup> These provisions do not apply to KT Corporation nor to SL Telecom Co for which a 49% foreign ownership limit would remain. In addition, each KORUS FTA partner would ensure that telecommunications providers from the other would have access to and use of its public telecommunications network for purposes of interconnection under non-discriminatory conditions and would guarantee dialing portability among other conditions.<sup>115</sup>

Those who represent U.S. services providers have been enthusiastic about the KORUS FTA and have urged its approval. In a statement, Robert Vastine, President of the Coalition of Services Industries claimed:

We commend Ambassador Schwab and the team of negotiators who secured significant benefits for U.S. services providers in this agreement.... Korea is a key market for U.S. service companies, and this is a very high-quality agreement that merits swift passage by the Congress because it creates new commercial opportunities that will support new jobs.<sup>116</sup>

## Visas

For years, a priority for South Korea has been to convince the United States to ease restrictions on the issuance of visas for South Korean business representatives. The visa issue—along with South Korea’s request to be added to the Visa Waiver program (VWP), which allows visa free travel for short-term visitors—was addressed in discussions outside of the KORUS FTA negotiations. On October 17, 2008, President Bush announced that South Korea was one of seven countries that would be admitted into the program in 4-6 weeks.<sup>117</sup> With this step, the VWP is likely to no longer be an issue in bilateral relations. South Korea is one of the United States’ largest sources of foreign visitors. In FY2007 there were 811,251 short term visitors for business or pleasure from South Korea.<sup>118</sup>

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<sup>113</sup> The Free Trade Agreement Between South Korea and the United States (KORUS FTA). Chapter 13 (Financial Services)—Confirming Letter.

<sup>114</sup> Annex -I (Korea).

<sup>115</sup> KORUS FTA Chapter 14 Telecommunications.

<sup>116</sup> Coalition of Service Industries. *Coalition of Service Industries Expresses Strong Support for U.S.-Korea FTA; Urges Swift Congressional Passage*. Press release. June 30, 2007.

<sup>117</sup> White House Office of the Press Secretary, “President Bush Discusses the Visa Waiver Program,” October 17, 2008. South Korea’s path to entry into the VWP was made possible

by reforms of the VWP that were embodied in H.R. 1 (P.L. 110-53), the Implementing the 9/11 Commission Recommendations Act of 2007. For more on the U.S. Visa Waiver Program, see CRS Report RL32221, *Visa Waiver Program*, by Alison Siskin.

<sup>118</sup> Department of Homeland Security, Temporary Admissions in *Yearbook of Immigration Statistics: 2007* Table 28.

## General Provisions

The KORUS FTA text contains a number of provisions that cut across in many sectors in bilateral trade. Many of these provisions have become standard fare and have become part of the template for FTAs in which the United States participates.

### Trade Remedies<sup>119</sup>

Trade remedies, laws and actions designed to provide relief to domestic industries that have been injured or threatened with injury by imports, are regarded by many in Congress as an important trade policy tool to mitigate the adverse effects of lower priced imports on U.S. industries and workers.

The three most commonly used trade remedies are *antidumping* (AD), *countervailing duty* (CVD), and *safeguard* actions. Antidumping (19 U.S.C. § 1673 *et seq.*) actions provide relief from the adverse impact of imports sold at prices shown to be less than fair market value, and countervailing duty (19 U.S.C. § 1671 *et seq.*) actions provide similar relief from goods that have been subsidized by a foreign government or other public entity. Safeguard actions (19 U.S.C. § 2251 *et seq.*) are designed to give domestic industries an opportunity to adjust to new competition and are triggered by import surges of fairly traded goods. The relief provided in a safeguard case is a temporary import duty, temporary import quota, or a combination of both, while the relief in an antidumping or countervailing duty action is an additional duty placed on the dumped or subsidized imports. These actions are authorized by the WTO as long as they are consistent with the rights and obligations of Article XIX of the General Agreement on Tariffs and Trade (GATT) 1994, the WTO Agreement on Safeguards and Countervailing Measures (Subsidies Agreement), and the WTO Agreement on Implementation of Article VI of the GATT 1994 (Antidumping Agreement).<sup>120</sup>

Many Members of Congress have expressed support for maintaining and strengthening U.S. trade remedy laws in the face of growing import competition. As a result, the preservation of U.S. authority to “enforce rigorously its trade laws” was a principal negotiating objective included in presidential Trade Promotion Authority (TPA) in the 107<sup>th</sup> Congress.<sup>121</sup>

According to news reports, the “single most important South Korean demand” in the bilateral talks was changes to U.S. antidumping rules.<sup>122</sup> This may be due, in part, to the significant number of U.S. trade remedy cases brought by U.S. industries on South Korean goods. As of February 12, 2010, antidumping duties were being collected on 12 South Korean imports (mostly on stainless steel specialty products such wire rod and pipe fittings), and countervailing duties were being assessed on 3 South Korean products, while South Korea had no trade remedy measures in place against U.S. products.<sup>123</sup> The U.S. global safeguard cases imposed on steel in

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<sup>119</sup> This section on trade remedies was written by Vivian C. Jones, Specialist in International Trade and Finance, Foreign Affairs, Defense, and Trade Division, CRS.

<sup>120</sup> For more information, see CRS Report RL32371, *Trade Remedies: A Primer*, by Vivian C. Jones.

<sup>121</sup> P.L. 107-210, Trade Act of 2002, Section 2102(b)(14).

<sup>122</sup> “South Korea Retracts Key Demand in Anti-Dumping Rules: Leaked Government Report,” *Yonhap* (South Korea), January 19, 2007.

<sup>123</sup> USITC. “Antidumping and Countervailing Duty Orders In Place As of September 10, 2008, by Country.” Available (continued...)

February 2000 (line pipe) and March 2002 (many steel products) also significantly reduced South Korean steel imports to the United States.<sup>124</sup> Of the 14 WTO dispute resolution complainant cases South Korea has brought to date, eight have been disputes against U.S. trade remedy actions.<sup>125</sup> South Korea is also a member “Friends of Antidumping” group in the WTO Doha Round that insists on implementing changes to the Antidumping and Subsidies Agreements in any new multilateral agreement.

In the bilateral negotiations between the United States and South Korea, talks broke down in early December 2006 when South Korea presented the United States with a list of specific changes to U.S. antidumping laws on a “basically” take-it-or-leave-it basis,<sup>126</sup> but in mid-January 2007, South Korean officials softened their stance after accepting the assurances of U.S. negotiators that Trade Promotion Authority had granted the Bush Administration only limited flexibility to make concessions on trade remedy issues.<sup>127</sup>

The KORUS FTA, just as in earlier FTAs the United States has entered into, proposes that each party to the agreement would retain all rights and obligations under the WTO agreements—meaning that the trading partners would be permitted to include each other in global safeguard actions (although, as in other FTAs, it does extend a possible exemption from global safeguard measures to either party if its imports are not a substantial cause of serious injury) and to implement AD and CVD actions against each other. Additionally, as in earlier FTAs, the trade remedies article would also authorize either party to the agreement to apply a transitional safeguard measure against imports of the other party if, as the result of the reduction or elimination of a duty mandated by the agreement, a product is being imported in increased quantities as to be a substantial cause of serious injury to a domestic industry that produces a like or directly competitive good.<sup>128</sup>

In the case of a safeguard, the party imposing it must provide a mutually agreed-upon amount of compensation. If the parties do not agree, the other party may suspend concessions on imports of the other party in an amount that has trade effects substantially equivalent to the safeguard measure.<sup>129</sup>

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at <http://www.usitc.gov>. Korea Trade Commission, TR Measures, available at [http://www.ktc.go.kr/en/kboard\\_child/list.jsp?bm=86&pg=1](http://www.ktc.go.kr/en/kboard_child/list.jsp?bm=86&pg=1).

<sup>124</sup> Schott, Jeffrey J., Bradford, Scott C., and Moll, Thomas. *Negotiating the Korea - United States Free Trade Agreement*, Institute for International Economics, June 2006.

<sup>125</sup> World Trade Organization dispute settlement statistics, [http://www.wto.org/english/tratop\\_e/dispu\\_e/dispu\\_by\\_country\\_e.htm](http://www.wto.org/english/tratop_e/dispu_e/dispu_by_country_e.htm). South Korea was one of the complainants in the WTO dispute brought against the U.S. safeguard measures on steel, as well as that against the Continued Dumping and Subsidy Offset Act (“Byrd Amendment”).

<sup>126</sup> “Cutler says U.S.-Korea Talks Hit Snag in Three Negotiating Groups, *FDA Week*, December 8, 2006. Although the particulars of South Korean demands were not made public, according to news reports, one of Korea’s demands was to be excluded from the cumulation of imports used to determine injury in a safeguards case, if its share of imports into the U.S. are below a certain threshold.

<sup>127</sup> “South Korea Retracts Key Demand on Anti-dumping Rules: Leaked Government Report.” *Yonhap*, January 19, 2007.

<sup>128</sup> See Chapter 10, Section A, Article 10.1 Application of a Safeguard Measure and Article 10.5 Global Safeguard Actions.

<sup>129</sup> Article 10.4, Compensation.

As such, the agreement does not seem to require any changes to U.S. AD, CVD, or global safeguard laws, or substantially change administrative procedures required to implement these actions.<sup>130</sup> However, in an apparent departure from previous FTAs, the KORUS FTA seems to require a few additional administrative steps prior to initiation of a trade remedy investigation involving goods from the other party. First, each party would have to notify the other if an antidumping petition is received regarding the other party's imports, as well as provide an opportunity for a meeting between the parties before an investigation is initiated.<sup>131</sup> Additionally, the party initiating an AD or CVD investigation would be required to provide written information regarding its procedures for negotiating a price or quantity undertaking (known in U.S. law as a suspension agreement<sup>132</sup>), and, after a preliminary affirmative determination is reached, "provide due consideration and adequate opportunity for consultations regarding proposed price undertakings" which could result in suspension of the investigation without imposition of duties provided a mutually agreeable undertaking is reached.<sup>133</sup>

The KORUS FTA would also establish a Committee on Trade Remedies (which would meet at least once a year) made up of representatives from each party who have responsibility for trade remedies matters. Committee functions would include enhancing knowledge of the parties' trade remedy laws and practices, overseeing the implementation of the trade remedies chapter of the agreement, improving cooperation between the parties, developing educational programs on trade remedy laws, and providing a forum for exchange of information on trade remedies and other topics of mutual interest.<sup>134</sup>

As discussed earlier, the Industry Trade Advisory Committee on Steel (ITAC 12) believes that the procedural concessions made on trade remedies could politicize trade remedy actions, thus possibly weakening U.S. trade laws. In particular, the ITAC 12 stated that the U.S. AD-CVD investigative process is already transparent and that the pre-initiation notification and consultation requirements would delay and politicize the process.<sup>135</sup> It also objected to the "undertakings" provisions, saying that these provisions would encourage the use of suspension agreements and introduce actions of foreign governments into trade remedy procedures.<sup>136</sup> (For more information on the steel industry's reaction, see discussion in section on "Other Manufactured Goods.")

The ITAC 12 also opposes the establishment of a Committee on Trade Remedies, saying that it such a forum would give South Korea an opportunity to attempt to further try to weaken U.S. trade remedy laws.<sup>137</sup> Speaking in April 2007, Assistant U.S. Trade Representative for Korea, Japan, and APEC Wendy Cutler, the chief U.S. negotiator, implied that the consultative committee would focus on information sharing and "will not provide a forum to discuss specific

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<sup>130</sup> USITC. *U.S. Korea Free Trade Agreement: Potential Economy-wide and Selected Sectoral Effects*. Publication 3949, September 2007, p. 6-1.

<sup>131</sup> Chapter 10, Section B. Antidumping and Countervailing.

<sup>132</sup> CVD: 19 U.S.C. 1671c; AD: 19 U.S.C. 1673c. Under these statutes, a quantitative restriction or price offset suspension agreement must completely eliminate the injurious effect of the dumping or subsidy, must be in the public interest and must be able to be effectively monitored by U.S. authorities.

<sup>133</sup> Chapter 10, Section B. Antidumping and Countervailing Duties, Article 10.7, paragraphs 3 and 4.

<sup>134</sup> Chapter 10, Section C. Committee on Trade Remedies, Article 10.8, paragraph 2.

<sup>135</sup> ITAC (12) on Steel, Advisory Committee Report, April 27, 2007, p. 7.

<sup>136</sup> *Ibid*, p. 4

<sup>137</sup> *Ibid*.

cases.”<sup>138</sup> She also mentioned that the committee could be a benefit to the United States by providing a platform for discussing certain industrial subsidies that the South Korean government may be supplying to manufacturing firms, and that negotiators worked out an “accommodation” that was beneficial to both sides’ needs on a very contentious part of the negotiations.<sup>139</sup>

## **Kaesong Industrial Complex<sup>140</sup>**

A consistent and significant goal for South Korea in the FTA talks was securing preferential treatment for products made in the Kaesong Industrial Complex (KIC) in North Korea, a position the United States adamantly opposed throughout most of the negotiations. Located near the North Korean city of Kaesong (also spelled “Gaesong”), 40 miles north of Seoul, the KIC is designed for South Korean companies to employ North Korean workers. The factories of 15 South Korean manufacturing firms began operating when the site opened in 2004. As of November 2007, this number had increased to 52 firms, which employed about 20,000 North Korean workers. There are plans to expand the zone dramatically. The South Korean Unification Ministry expects that by the end of 2010, about 450 South Korean manufacturers and 100,000 North Korean workers will be in the KIC.<sup>141</sup> The KIC arguably has become the centerpiece for South Korea’s “sunshine policy” of engaging North Korea.

In the final KORUS FTA agreement, the two sides reached a compromise on the KIC. One year after the KORUS FTA enters into force, a binational committee will be formed to study the possibility of eventually including products from “Outward Processing Zones” (OPZs) using North Korean labor sometime in the future.<sup>142</sup> The agreement identifies three general categories for which the committee is to develop more detailed criteria: progress in the denuclearization of North Korea, developments in intra-Korean relations; and wages, the environment, and labor standards. For the third category of issues, the committee is to consider relevant international norms as well as the “situation prevailing elsewhere on the Peninsula.” After the committee has developed criteria, the OPZ provisions in the FTA lay out a three step process by which products made in the KIC could be incorporated into the FTA. First, the committee must deem that an outward processing zone meets the criteria it has established. Second, the two governments must agree that the FTA should be amended accordingly. Third, each government must seek “legislative approval for any amendments to the Agreement with respect to outward processing zones.” The agreement does not lay out the size or composition of the committee, or how committee members will be chosen, or the procedures by which the committee is to arrive at decisions.<sup>143</sup>

In the KORUS FTA negotiations, the United States backed away from the principle of its initial position of not ever expanding the KORUS FTA to North Korea-made products, a significant achievement for South Korea. At the same time, the United States appeared to give up little in

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<sup>138</sup> “Trade Remedy Piece of Korea FTA Ignores Korean AD Demands,” *Inside U.S. Trade*, April 13, 2007.

<sup>139</sup> *Ibid.*

<sup>140</sup> For more, see CRS Report RL34093, *The Kaesong North-South Korean Industrial Complex*, by Dick K. Nanto and Mark E. Manyin.

<sup>141</sup> Ministry of Unification, “Current Status of Operation in the Gaeseong Industrial Complex,” November 23, 2007.

<sup>142</sup> Chapter 22, Annex B, Committee on Outward Processing Zones on the Korean Peninsula.

<sup>143</sup> April 2007 interviews with U.S. and Korean officials; remarks by Assistant U.S. Trade Representative for Japan, Korea and APEC Affairs Wendy Cutler at an April 5, 2007 Korea Economic Institute forum; “Behind the Korea FTA Negotiations,” *Washington Trade Daily*, April 12, 2007.

substance in the near-to-middle term. The United States apparently would be able to control the decision to and pace of any move to grant preferential treatment to North Korea-made products. Any perceptions of foot-dragging by the United States, however, may come at a diplomatic price if future South Korean governments push for more rapid integration of North Korean industrial zones into the FTA.

Two important issues for the United States in considering South Korea's demand were the conditions for North Korean workers and the income the KIC provides for the North Korean government. Some U.S. labor and human rights advocates have argued that North Korean workers in Kaesong are being exploited. South Korean officials, as well as other analysts, counter by saying that conditions at Kaesong are far better than those in the rest of North Korea. Additionally, the North Korean government derives hard currency from several sources in the KIC project, including leasing fees and surcharges levied on North Korean workers' wages, which are paid to an arm of the North Korean government agency before being passed on to employees (in the form of North Korean *won*). To date, these revenue streams are likely to be relatively small, though not insignificant, given the small size of the North Korean economy and its shortage of hard currency. If the most ambitious goals for the Kaesong project are realized, by the middle of the next decade the North Korean government would likely derive tens if not hundreds of millions of dollars annually from tax revenues and its slice of North Korean workers' wages, assuming the KIC's current tax and wage structures remain in place.<sup>144</sup> Some South Koreans caution that the uncertainties over the future course of the KIC project make such projections highly speculative.

## **Foreign Investment**

Foreign investment is becoming an increasingly significant element in the U.S.-South Korean bilateral economic relationship. Over the past 11 years, the stock of U.S.-South Korean foreign direct investment (FDI), valued on an historical cost basis, has increased substantially, due in no small part to the market-oriented reforms South Korea undertook after its 1997 financial crisis. In 1997, the value of stock of U.S. FDI in South Korea was \$6.5 billion and had increased to \$27.7 billion by the end of 2008. In 2008, 33% of U.S. FDI in South Korea was in manufacturing, especially in computers and electronic products, chemicals, and other manufacturing facilities. The remainder of the FDI was in services, with U.S. FDI in banking and other financial services accounting for much of this investment. South Korean FDI in the United States has also increased substantially in the last 11 years, albeit from a much lower base. In 1997, the stock of South Korean FDI in the United States was valued at \$0.6 billion and had increased to \$15.6 billion by the end of 2008.<sup>145</sup>

Foreign investment has been a sensitive issue in U.S.-South Korean relations for many years as U.S. investors have tried to make inroads into the South Korean economy. U.S. investors' criticisms have included restrictions on foreign investment in key sectors, such as communications, and the lack of adequate protection for intellectual property. (See section on IPR provisions of the KORUS FTA.) Efforts to establish bilateral rules have failed in the past. In the 1990s, the two countries tried to negotiate a bilateral investment treaty (BIT), that would commit

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<sup>144</sup> Moon Ihlwan, "Bridging the Korean Economic Divide," *Business Week*, March 8, 2006.

<sup>145</sup> CRS calculations based on data from U.S. Department of Commerce. Bureau of Economic Analysis. <http://www.bea.gov>.



each party to provide national treatment to the investments from the other party and abstain from performance requirements for foreign investments from the other party. But the negotiations collapsed largely over U.S. opposition to South Korea's so-called screen quota on domestic films and the latter's resistance to lifting or reducing it. (The South Korean government reduced the screen quotas by half just before the KORUS FTA negotiations were launched in February 2006.) The KORUS FTA chapter on investment essentially contains the commitments that would otherwise have been in a BIT.

The FTA sets down general principals for the treatment by South Korea and the United States of investors and investments from one partner in the territory of the other.<sup>146</sup> The principle of national treatment—that one party to the agreement will treat covered investments and investors from the other party no-less favorably than it treats domestic investors and investments—is paramount. The FTA allows each party to make exceptions to the national treatment principle, but those exceptions must be specified in the relevant annexes to the agreement.<sup>147</sup> A second fundamental principal is most-favored-nation treatment (MFN)—the two parties agree to treat investors and investments from the other no less favorably than it treats investors and investments from third, non-party countries. A third principle is minimum standard of treatment, that is, each party shall accord to all covered investments treatment in accordance with customary international law, including fair and equitable treatment and full protection and security.

The KORUS FTA would set limits on government expropriation of covered investments—that they be only for public purpose and carried out in a non-discriminatory manner, and affected investors would be provided with prompt and adequate compensation (fair market value). It also would require each KORUS FTA partner-country government allow for the free transfer of financial capital pertaining to covered investments both into and out of the country with exceptions, such as cases related to criminal offenses. The KORUS FTA would prohibit the U.S. and South Korean governments from imposing performance requirements (domestic content requirements, export-ratios, import limits, etc.) on the investments from the other. It would allow exceptions for measures intended to accomplish social objectives, such as to increase employment in certain regions of the country, promote training of workforce, and protect the environment. The agreement would also prohibit a requirement that senior managers be of a particular nationality but would allow a requirement that the majority of board of directors be of a particular nationality.

Similar to other U.S. FTAs, the KORUS FTA would establish procedures for the settlement of investor-state disputes involving investments covered under the agreement where the investor from one partner-country alleges that the government of the other partner-country is violating his rights under the FTA. The FTA stipulates that the two parties should try to first resolve the dispute through consultations and negotiations. But, if that does not work, the agreement would provide for arbitration procedures and the establishment of tribunals as provided under the “Convention on the Settlement of Investment Disputes Between States and Nationals of Other States.”

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<sup>146</sup> A range of factors determine the climate for foreign investment—government regulations, skills of local labor, general economic conditions, intellectual property rights protection, among others. Therefore, U.S.-South Korean investment ties could be affected by not only the provisions of the investment chapter of the agreement, but other chapters as well.

<sup>147</sup> The USITC report on the KORUS FTA points out that South Korea's list these “nonconforming measures” in the KORUS FTA is longer than in previous FTAs that the United States has signed; however, industry representatives generally believe that the KORUS FTA would still render significant opportunities for U.S. investors. USITC, p. 6-5.

The USITC concluded that U.S. investors, especially investors in financial services, would likely gain from the KORUS FTA.<sup>148</sup> (See section on financial and other services.) The United States has been the predominate partner in terms of foreign investment and stands to gain the most from the protections provided by the KORUS FTA. However, South Korean investments in the United States are increasing, and therefore, South Korea could benefit as well.

## **Intellectual Property Rights**

In addition to those sections addressing pharmaceutical manufacturing (see discussion above), the KORUS FTA contains other provisions on intellectual property rights (IPR) protection in U.S.-South Korean trade. Under the FTA the United States and South Korea would reaffirm their commitments under the WTO Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement and other international agreements and conventions on intellectual property. But the two countries would make IPR commitments beyond those agreements with provisions that would:

- require each government to extend national treatment to IPR holders from the other country;<sup>149</sup>
- require transparency through the publication of regulations and laws regarding intellectual property rights;
- facilitate the registration of and protection of trademarks and established limitations on the use of geographical indications;
- ensure the right of authors, performers, producers of recordings to determine use of copyrighted products;
- require copyright protection for no less than 70 years; thus, South Korea agrees to extend its copyright protection term, an objective of U.S. copyright holders;
- protect copyrighted material against piracy and provide penalties for those who abet piracy including the seizure and destruction of pirated and counterfeit products;
- protect copyrighted performances on the internet; and
- protect encrypted programming over satellites and cable signals.

## **Labor Rights and Conditions**

On May 10, 2007, a bipartisan group of congressional leaders and the Bush Administration released a statement that provided language to be included in pending and future FTAs, including KORUS FTA. Among other things, the statement, or framework, called “The New Trade Policy

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<sup>148</sup> USITC. p. 6-5.

<sup>149</sup> A national treatment exception is made with respect to the secondary uses of recordings by means of analog communications, including over-the-air broadcasts, whereby a Party can limit the rights of performers and producers of sound recordings from the other Party on its own territory. This exception was a disappointment to U.S. industry, which otherwise praise the agreement. *Korea-U.S. Free Trade Agreement: Benefits to America’s Entertainment Industries*. Testimony Before the U.S. International Trade Commission by Greg Frazier, Executive Vice-President Worldwide Government Policy Motion Picture Association of America. June 6, 2007. p.7.

for America,” requires U.S. FTA partners to commit to enforcing the five basic international labor standards and would require that the commitment be enforceable under the FTA.<sup>150</sup> Neither country is to waive or otherwise derogate from its labor statutes that reflect the five labor rights in a manner that affects trade or investment between the two FTA countries. Each country is to ensure that those affected by their respective labor laws have access to tribunals that enforce their rights under those laws. During his nomination process, USTR Ron Kirk stated the Obama Administration’s position that the KORUS FTA appropriately incorporates the May 10<sup>th</sup> agreement.<sup>151</sup>

Under the KORUS FTA the two countries are to form a Labor Council made up of officials responsible for labor matters in each country, that will meet within the first year after the agreement enters into force. At least one session of the Council will be devoted to meeting with the public in each country to discuss matters related to the enforcement of the labor provisions of the FTA. Disputes regarding labor matters under the FTA are to be resolved first by consultations, but if those fail, the parties in dispute may take the matter to the Labor Council and eventually to a dispute settlement panel if these mechanisms fail to resolve the dispute. The KORUS FTA also calls for the establishment of a Labor Cooperation Mechanism whereby the two countries would develop and work in areas pertaining to labor rights in each country.

To many outside observers, South Korea’s labor rights regime is generally considered to be strong for regular workers. South Korea ranks in the top third of the OECD’s thirty members in terms of employment protection for regular workers.<sup>152</sup> Indeed, for years, a major complaint of U.S. multinationals is that restrictions in the South Korean labor market, such as mandatory severance pay, significantly raise the cost of investing and doing business in Korea. In contrast, U.S. union representatives argue that recent changes to make South Korean labor markets more flexible are reducing the rights of South Korean workers.<sup>153</sup> Korea’s unions have earned a reputation for activism; the number of working days lost to strikes is regularly among the highest in the OECD. Hyundai Motors, for instance, has experienced a strike every year since 1994. Moreover, strikes in South Korea are notable in that they are sometimes accompanied by violence and the occupation of workplaces and public spaces (such as highways), to which the government often responds with police action. In its comments on the KORUS FTA, the Labor Advisory Committee for Trade Negotiations and Trade Policy (LAC), criticized South Korea for the imprisonment of

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<sup>150</sup> The FTA would require each Party to adopt and maintain five internationally-accepted labor rights that are contained in the ILO Declaration on Fundamental Principles and Rights at Work and Its Follow-Up (1998) (ILO Declaration) Article 19:2 specifies these rights as the freedom of association, the effective recognition of the right to collective bargaining, the elimination of all forms of compulsory or forced labor, the effective abolition of child labor and the elimination of discrimination in respect of employment and occupation. The framework also requires FTAs to adhere to seven major multilateral environmental agreements and for this commitment to be enforceable under the FTA. “The Trade Policy for America” was completed after President Bush notified the Congress on April 1, 2007 of his intention to sign the KORUS FTA but prior to the signing on June 30. At first, South Korean officials balked at opening negotiations to add the language but eventually agreed to do so. After, the two sides held negotiations, they included the language in the final text that was signed on June 30, 2007.

<sup>151</sup> In Questions for the Record posed by members of the Senate Finance Committee, USTR Kirk was asked “Do you think that the labor and environment provisions of the U.S.-Korea FTA are appropriate?” He responded that “the U.S.-Korea FTA incorporates the May 10<sup>th</sup> Agreement, which established a strong foundation for bipartisan progress on trade.” United States Senate Committee on Finance, “Finance Committee Questions For The Record. Hearing on Confirmation of Mr. Ronald Kirk to be United States Trade Representative,” March 9, 2009.

<sup>152</sup> OECD, *Economic Survey—Korea 2007*, p. 138.

<sup>153</sup> Report of the Labor Advisory Committee for Trade Negotiations and Trade Policy (LAC) on the KORUS FTA, April 27, 2007, p. 9.

around 200 unionists who were “exercising basic labor rights” and for mobilizing riot police against union activity.<sup>154</sup>

Korea’s labor pool is divided into two segments: (1) South Korean “salarymen” (salaried workers, overwhelmingly men, in large corporations) comprise less than one-third of the workforce. Over half of this segment of the workforce is represented by powerful unions. (2) The remainder of the workforce is comprised of employees in small-scale firms plus the country’s temporary and day laborers. Few of these workers are unionized. The proportion of temporary workers has grown markedly, to nearly one-third of the workforce, one of the highest rates in the industrialized world.<sup>155</sup> These workers tend to receive low wages and receive limited coverage by the social safety net, points highlighted by the LAC. Labor markets are notoriously rigid.

## **Government Procurement**

A great deal of business is conducted by governments through the purchase of goods and services for their own use. Most governments, including the United States have laws (The Buy American Act) which require such goods and services to be of domestic origin. However, the General Agreement on Tariffs and Trade (GATT) and now the WTO have some provisions, the WTO Government Procurement Agreement (GPA), under which the countries agree to open up some of their government procurement business, to foreign companies as a way to promote trade. This agreement is plurilateral, that is it only applies to those WTO members that have signed it. The United States and South Korea are among the 39 signatories to the GPA. The GPA established rules for governments to publish information about contract tenders, including technical specification, about qualification for suppliers, the awarding of contracts, with a specific emphasis on nondiscrimination and transparency in the conduct of government procurement.

The KORUS FTA reaffirms the GPA as a baseline for government procurement but would expand the criteria to include more contracts. The GPA applies to contracts valued at around \$193,000 and above. The KORUS FTA would apply agreement to contracts valued at \$100,000 and above, potentially increasing the value of bilateral government-procurement trade. The GPA applies only to contracts tendered by 79 U.S. Federal government agencies and by 42 South Korean central and subcentral agencies listed in the annex. Under the KORUS FTA, South Korea would add nine more agencies to be covered.

## **Environment Protection**

In keeping with the May 2007 agreement on labor and the environment between the Bush Administration and congressional leaders, under the KORUS FTA, the United States and South Korea would commit to enforce a list of seven multilateral environmental agreements to which both are parties and to add to the list when other agreements enter into force. (See the Labor Rights and Conditions section above.)<sup>156</sup> In addition, the FTA would prevent the two countries

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<sup>154</sup> *Ibid.*

<sup>155</sup> OECD, *Economic Survey—Korea 2007*, p. 128-40.

<sup>156</sup> The seven agreements are: the Convention on International Trade in Endangered Species; the Montreal Protocol on Ozone Depleting Substances; the Convention on Marine Pollution; the Inter-American Tropical Tuna Convention; the Ramsar Convention on the Wetlands; the International Convention for the Regulation of Whaling; and the Convention on Conservation of Antarctic Marine Living Resources.

from easing environmental standards in order to allow firms on their territory from gaining a competitive trade advantage. Furthermore, violations of the environmental provisions are to be handled in the same manner as commercial provisions through the dispute settlement mechanism of the KORUS FTA and subject to trade sanctions, unprecedented for U.S. FTAs. As mentioned earlier, the Obama Administration has indicated that the May 2007 agreement is incorporated into the KORUS FTA.<sup>157</sup>

## Transparency

Making information publically available is a fundamental principle imbedded in international trade rules and in each of the FTAs that the United States has entered into. For years U.S. exporters and trade negotiators identified the lack of transparency of South Korea's trading and regulatory systems as one of the most significant barriers to trade with South Korea, in almost every major product sector. Under KORUS FTA, the United States and South Korea would commit to publish relevant regulations and administrative decisions as well as proposed regulations; to allow persons from the other party to make comments and to ask questions regarding proposed regulations; to notify such persons of administrative proceedings and to allow them make presentations before final administrative action is taken; and to allow such persons to request review and appeal of administrative decisions.

## Institutional Provisions and Dispute Settlement

The KORUS FTA would provide several options for the United States and South Korea to resolve disputes arising under the agreement, in addition to the special dispute settlement provisions under the foreign investment chapter and other chapters. KORUS FTA would require the two countries to establish a joint committee chaired by the USTR and the Minister of Foreign Trade or their designees to supervise the implementation of the agreement. The committee would establish a panel to adjudicate disputes between the two countries under the agreement, if consultations do not lead to a resolution of the dispute. Annex 22A of the KORUS FTA contains provisions for the settlement of disputes regarding motor vehicles, specifically the snap-back provision. (See discussion in section on auto trade.) Annex 22-B provides for eventual discussion of the inclusion of products made in outward processing zones in North Korea. (For more information, see discussion in Kaesong Industrial Park section.)

## Other Technical Provisions

The KORUS FTA includes other sets of provisions intended to facilitate market access. **Technical barriers to trade** are standards and regulations that are intended ostensibly to protect the health and safety of consumers and for other legitimate non-trade purposes but may through design and implementation discriminate against imports. The KORUS FTA would commit both countries to uphold their obligations under the WTO Agreement on Technical Barriers to Trade (TBT). In addition, South Korea and the United States would promote transparency, by allowing persons from the other party to participate in the development of standards, technical regulations, and conformity assessment procedures.

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<sup>157</sup> United States Senate Committee on Finance, "Finance Committee Questions For The Record. Hearing on Confirmation of Mr. Ronald Kirk to be United States Trade Representative," March 9, 2009.

Regarding **customs administration and trade facilitation**, the KORUS FTA would promote joint cooperation to ensure compliance with each other's customs laws and regulations. For example, it would require the two countries to adopt procedures and regulations to facilitate express delivery shipments.

**Rules of origin** define what are goods that originate in the FTA region and therefore are eligible for preferential treatment. (Textiles and apparel have separate rules of origin). The KORUS FTA would require that goods must be wholly obtained or produced in the territory of both countries or country. The FTA would set a regional value threshold to be met to be considered originating in the FTA territory and provides formulas for determining the regional values.

National **competition laws and regulations** are intended to ensure that one firm does not so dominate a sector of the economy as to inhibit market entry and stifle competition. Among other things, the KORUS FTA would require that the United States and South Korea inform persons, who are subject to administrative actions, of hearings and provide them the opportunity to make their case. The two countries would cooperate in enforcing competition laws through the exchange of information and consultation. In addition, designated monopolies and state-enterprises would have to operate in conformance with the agreement and in accordance with commercial considerations.

The KORUS FTA includes provisions to facilitate trade via electronic commerce (**e-commerce**). They would prohibit discrimination against digital products and imposing customs duties on these products. They would also require the recognition of electronic authentication and electronic signatures and would promote consumer access to the Internet.

## **Next Steps, Implications, and the Emerging Debate**

The United States concluded and entered into (signed) the KORUS FTA within the parameters of the Trade Promotion Authority (TPA) under the Bipartisan Trade Promotion Act of 2002. (P.L. 107-210). Therefore, any implementing legislation would be subjected to expedited procedures, that is mandatory congressional consideration, limited debate, no amendments, and an up-or-down vote. TPA does not impose a deadline on the President to submit the draft implementing bill. It is generally assumed that the President would do so only when he expects to have sufficient support in Congress to pass it, although he could submit the bill without that assurance and risk the bill's failure.

### **Implications for South Korea and the U.S.-ROK Alliance**

In South Korea, the KORUS FTA must be approved by a majority vote in the unicameral National Assembly to take effect. The Assembly is controlled by President Lee Myung Bak's Grand National Party, which officially supports the agreement. Unlike in the United States, trade agreements are not subject to any fast-track time lines. President Lee Myung Bak, who was elected in December 2007, has made passage of the KORUS FTA a priority for his government. Most opinion polls generally have shown a majority of South Koreans in favor of the agreement, though opposition has been intense from the opposition parties and rural interests, among others. Furthermore, most polls of South Korean legislators show broad support for the agreement within the National Assembly, which is controlled by President Lee's Grand National Party. The KORUS FTA was not a significant issue in either the 2007 presidential election campaign, despite the fact

that one of the major candidates opposed the agreement, or the April 2008 parliamentary elections.

For South Korea, entering an FTA with the United States meshes with a number of Lee's economic and strategic goals. Ongoing competitive pressure from Japanese firms, increased competition from Chinese enterprises, and the rapid aging of the South Korean workforce has heightened the sense of urgency to boost national long-term competitiveness, particularly in the services industries, where South Korean productivity typically lags compared to other industrialized countries. Indeed, former President Roh and other South Korean officials have argued that the KORUS FTA is essential for South Korea's economic survival.<sup>158</sup> Similarly, if less grandiosely, President Lee has argued that passage of the KORUS FTA will help revitalize South Korea's economy. To accelerate Korea's reform efforts—and also to avoid being left out from other FTAs being created globally and in Asia—Presidents Roh and Lee have pursued an aggressive effort to negotiate FTAs. South Korea has entered into FTAs with Chile, Singapore, the European Free Trade Association (EFTA), the Association of Southeast Asian Nations (ASEAN), has completed FTA negotiations with the European Union and India and is negotiating FTAs with other countries, including Canada, Mexico, Australia, and New Zealand.<sup>159</sup>

The United States and South Korea negotiated the KORUS FTA in part as a means to restore the health of a critical foreign policy and national security alliance.<sup>160</sup> While the talks were ongoing, the KORUS FTA sometimes was discussed as a possible counterweight to the bilateral friction that was occurring over issues such as how to manage relations with North Korea and the re-positioning of U.S. troops in South Korea. These tensions decreased markedly in 2007, following the Bush Administration's decision to place greater emphasis on engagement and negotiations with North Korea. The election of Lee, who has stressed the importance of rebuilding U.S.-South Korean ties, is expected to further improve relations. Thus, with the alliance apparently on firmer ground, the KORUS FTA no longer appears as an exceptional area of bilateral cooperation.

Although the FTA's utility as an acute salve for the alliance has been reduced, some argue it could help to boost the alliance, over the medium and longer term, by deepening bilateral economic and political ties. Entering into an FTA, some argue, is a way to help reorient the alliance to adapt to the changes on the Korean Peninsula and in East Asia. However, in concrete terms, it is difficult to see how the KORUS FTA would make a significant difference in the strategic relationship, as it is unlikely to alter either country's fundamental interests on the Peninsula or in Northeast Asia.

In contrast, while the *passage* of the KORUS FTA is unlikely to have a major substantive impact on the strategic relationship, a *collapse* of the KORUS FTA would probably have a profound symbolic effect, particularly upon the way South Koreans view the alliance. If the KORUS FTA is rejected or subjected to a prolonged delay by the United States, it would be a psychological blow to many South Korean policymakers, many of whom would likely see it as a betrayal. This would be particularly true since, in their eyes, they made politically costly concessions on autos, beef, labor, and the environment to help ensure the agreement would be more favorably received

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<sup>158</sup> Korea Broadcast System, March 31, 2006 Broadcast in Korean, summarized by the Open Source Center, "ROK TV Carries Economic Minister's Comments on ROK-US FTA," April 10, 2006, FEA20060410021900. (Han was Finance Minister when he made these remarks.) South Korean Blue House, "Address to the Nation," April 2, 2007.

<sup>159</sup> EFTA is comprised of Iceland, Norway, Switzerland, and Liechtenstein. ASEAN consists of Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

<sup>160</sup> For more, see CRS Report RL33567, *Korea-U.S. Relations: Issues for Congress*, by Larry A. Niksch.

in the U.S. Congress. The KORUS FTA's failure in the United States, according to some Korean politicians and policymakers, would lend credence to arguments in South Korea that the U.S. commitment to Korea and Northeast Asia is declining. If these perceptions take hold, it would increase the political costs of South Korean leaders' taking unpopular decisions on behalf of the alliance, such as increasing South Korean payments for relocating U.S. troops on the Peninsula. If the KORUS FTA is rejected or delayed in the United States, U.S. policymakers could attempt to somewhat ameliorate the negative symbolic effects in South Korea by taking high profile steps to expand U.S.-ROK strategic, rather than economic, relations.

## **Implications for U.S. Trade Policy and U.S. Asia Policy**

It is unclear when, or if, President Obama will send draft implementing legislation for the KORUS FTA to Congress. On this issue and other trade-related issues, he faces competing pressures. On one side, are those, including business community representatives and pro-trade Members of the 111<sup>th</sup> Congress, who want him to send the bill as soon as possible. They view the KORUS FTA as an important opportunity for the United States to increase trade and investment with an important East Asian market and ally, and they are concerned about U.S. manufacturers and investors losing out to their EU competitors after the EU-Korea FTA enters into force. On another side, are those who have argued that the KORUS FTA does not sufficiently address South Korean barriers to imports of manufactured goods, particularly cars and some appliances, and these deficiencies would have to be fixed before a bill could pass Congress. The Obama Administration, including the President himself, has expressed such views and has indicated that they are in the process of seeking solutions. However, such a position raises the question to what extent would the South Korean government be willing to go to assuage U.S. concerns? South Korean leaders have already ruled out re-negotiating the pact.

The KORUS FTA faces even deeper opposition from those who are skeptical about the benefits of FTAs, in general, at least as pursued under current trade policy. Much of this opposition comes within the Democratic Party in Congress and is manifested in legislation, the TRADE Act of 2009, (H.R. 3012 (Michaud), S. 2821 (S. Brown)) introduced in the 111<sup>th</sup> Congress. At this writing, the House bill has 136 co-sponsors and the Senate bill has 6 co-sponsors. Each bill calls for a review of KORUS FTA and the other two pending agreements to ensure that U.S. interests are served and also calls for review of some FTAs already in force, and would subject them to possible renegotiation if they are deemed failing to serve U.S. interests. In addition, to these forces, the KORUS FTA faces congressional attention focused on health care reform, the economic crisis, among other issues.

The fate of the KORUS FTA could affect U.S. efforts to institutionalize its economic presence in East Asia, a goal the Bush Administration pursued in part through FTAs. In addition to the KORUS FTA, the United States has an FTA with Singapore. The Bush Administration initiated FTA negotiations with Malaysia and Thailand, but they ultimately stalled. In November 2009, President Obama announced the United States would enter into negotiations on a Trans-Pacific Partnership (TPP) trade agreement, a trade liberalization negotiation among Australia, Brunei Darussalam, Chile, New Zealand, Peru, Singapore and Vietnam. Some observers worry that the TPP negotiations, which are scheduled to begin in March 2010, could assume a higher priority for the Administration than the economically more significant KORUS FTA.<sup>161</sup>

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<sup>161</sup> "Lack of Movement on Korea Auto Fix May Mean No FTA Vote in Near Term," *Inside US Trade*, January 15, (continued...)



Since the early 2000s, U.S. use of FTAs in Asia also has been a proposed response to the plethora of bilateral and multilateral FTAs that are being negotiated in the region. None of the actual or proposed multilateral agreements include the United States. Failure of the KORUS FTA could be viewed as a serious blow to the U.S. “competitive liberalization” strategy. With FTAs throughout East Asia proliferating, a failure of the KORUS FTA to be implemented would also likely mean that the United States would be shut out of regional economic groupings in East Asia. In contrast, the implementation of the KORUS FTA could spark interest of other East Asian countries, such as Japan, to negotiate FTAs with the United States in order not to lose their share of the huge U.S. market to South Korea. Thus, if the proponents of the “competitive liberalization” argument are correct, the fate of the KORUS FTA could play an important role in accelerating or decelerating the move to open market regionalism in East Asia.

Similarly, the fate of the KORUS FTA is likely to be seen as a bellwether for broader U.S. trade policy, which is now in a period of re-evaluation. In addition to the KORUS FTA, U.S. FTAs with Colombia and Panama are pending and may be acted on during the 111<sup>th</sup> Congress. The Doha Development Agenda round in the WTO is, for all intent and purposes, on life support, if not dead. This raises questions in the minds of U.S. policymakers and other experts, regarding the future role of the WTO and multilateral negotiations in shaping the international trading framework. The KORUS FTA will likely play a role in this reassessment. For better or worse, its rejection or indefinite delay might call into question the viability of FTAs as a serious U.S. tool to strengthen economic ties with major trading partners.

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## **Appendix A. South Korea's Rules on Imports of U.S. Beef**

On April 18, 2008, U.S. and South Korean negotiators reached agreement on the sanitary rules that Korea will apply to beef imports from the United States. It allows for imports of all cuts of U.S. boneless and bone-in beef and other beef products from cattle, irrespective of age, as long as specified risk materials known to transmit mad cow disease are removed and other conditions are met. However, to address subsequent Korean concerns, both sides revised this deal on June 21, 2008, to limit sales of U.S. beef from cattle less than 30 months old.

Within a few days, South Korea published rules to put this agreement into effect, and quickly began to inspect U.S. beef shipments. The U.S. Department of Agriculture similarly began to implement a new program to verify that the beef sold is processed from cattle under 30 months old. U.S. beef exporters are now working to recapture a key overseas market. In 2003, South Korea was the third-largest market for U.S. beef exports, prior to the ban imposed after the first U.S. cow infected with mad cow disease, or BSE (*bovine spongiform encephalopathy*), was discovered. Korea's commercial significance is reflected in the position taken by several Members of Congress, who state that congressional consideration of, and support for, the KORUS FTA depends upon South Korea fully opening its market to U.S. beef.

While the U.S. beef industry and U.S. policymakers welcomed the initial April deal, Korean TV coverage of the issue and Internet-spread rumors that questioned the safety of U.S. beef resulted in escalating protests and calls for the beef agreement to be renegotiated or scrapped. U.S. officials countered that measures already in place to prevent the introduction of BSE in U.S. cattle herds meet international scientific standards. To address mounting public pressure, the Korean government twice pursued talks with the United States to find ways to defuse public concerns without "renegotiating" the beef agreement. In late June 2008, both governments confirmed a "voluntary private sector" arrangement that will allow Korean firms to import U.S. beef produced only from cattle less than 30 months old. Both view this as a transitional step until Korean consumers regain confidence in the safety of U.S. beef.

U.S. beef exporters have since worked to recapture this key overseas market. Exports of U.S. beef (including bone-in cuts) to South Korea resumed in mid-July 2008, and by year-end reached almost \$300 million, slightly more than one-third of the record 2003 sales level. For 2009, despite a drop off in beef sales worldwide due to the economic recession, sales to Korea may still reach the 2008 level. Though Australia is the main competitor, U.S. beef exporters have gained noticeable market share since the Korean market reopened to U.S. beef. The U.S. share (in quantity terms) rose from 15% in 2008 to 27% in 2009 (compared to 69% in 2003). Future sales will depend on the price competitiveness of U.S. beef compared to Australian beef (largely influenced by changes in their respective exchange rates relative to the Korean *won*); and signs that Korean consumers are willing to eat more beef away from home as the country's economy begins to recover.

The issue of full access for U.S. beef (i.e., securing access for beef from cattle older than 30 months) may come up in ongoing bilateral discussions with South Korea and consultations with Congress on how to proceed with the pending KORUS FTA. U.S. Trade Representative Ron

Kirk, in his confirmation hearings, stated that beef access will be a priority of the Obama Administration as efforts resume to normalize beef trade with Korea and other Asian markets. Though some press accounts suggest that the beef issue may be addressed before the agreement's auto provisions, he did acknowledge that "U.S. beef from cattle under 30 months of age is selling well in Korea."<sup>162</sup> Others also have noted "diminished interest in pressing this issue because South Korea has given the U.S. more than 90 percent of its beef access by value" under the arrangement agreed to in June 2008 covering all beef products from cattle younger than 30 months of age. More recently, U.S. beef industry sources have signaled that for this reason, a "fix" to beef access issues may not be necessary and are not pressing for one, noting that the FTA would reduce eliminate Korea's 40% tariff on beef imports from the United States. They see approval of the agreement as a step toward the ultimate goal that Korea accept the OIE guidelines that the U.S. beef sector follows to ensure the safety of beef for human consumption.<sup>163</sup>

The anti-beef agreement protests in South Korea have subsided. However, their size and intensity have eroded the Korean President's willingness and ability to accept the changes the Obama Administration has said would be necessary before the White House will consider submitting the KORUS FTA to Congress.

For more information, see CRS Report RL34528, *U.S.-South Korea Beef Dispute: Agreement and Status*, by Remy Jurenas and Mark E. Manyin.

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<sup>162</sup> Yonhap English News, "Kirk pledges to address beef, auto issues before Korea FTA's ratification," March 13, 2009; "Finance Committee Questions for the Record," submitted by Ronald Kirk per his confirmation hearing held March 9, 2009, p. 9, available at <http://www.finance.senate.gov/hearings/testimony/2009test/031109QFRs%20for%20SubmissionRK.pdf>; USTR, *2009 National Trade Estimate Report on Foreign Trade Barriers*, March 31, 2009, p. 308.

<sup>163</sup> *Inside U.S. Trade*, "U.S., Korea To Review FTA Ahead of June Visit; NSC Seeks Passage," April 17, 2009, p. 25; "Lack of Movement on Korea Auto Fix May Mean No FTA Vote in Near Term," January 15, 2010, p. 5.

## Appendix B. South Korean Motor Vehicle Manufacturing

South Korea came late to the table of major motor vehicle manufacturing nations. The 1980 edition of the *Automotive News Market Data Book*, an authoritative industry source, listed no South Korean production in its world table covering the period 1946-78, and no South Korean company among the top 50 global producers. By 1988, according to the same publication's 1990 edition, total South Korean car and truck production exceeded one million units. By 2008, according to the International Organization of Motor Vehicle Manufacturers, total South Korean production of cars and trucks in 2008 is given as 3.8 million units, which ranks South Korea as the global number five national producer, behind, in order, Japan, China, the United States, and Germany. Yet South Korea remains only a mid-level consumer of motor vehicles. Its national sales of 1.2 million ranked its market not only well behind the top three leading producers, but also behind each of the five largest western European nations, plus Russia, Brazil, India, and Canada, and just ahead of Mexico. Exports account for about 70% of Korea's motor vehicle production volume, a figure that is matched by no other major motor vehicle producing country.

South Korea has aggressively developed and protected a nationally owned automotive manufacturing base. Motor vehicle imports were prohibited in South Korea until 1987, and imports from Japan were banned until 1999.<sup>164</sup> Originally the South Korean government promoted the development of a fleet of domestically owned producers, but this strategy failed. In the shakeout after Korea's economic crisis of 1997-98, only one major South Korean-owned company was left, Hyundai, which also took control of the number-two producer by volume, Kia. Others were marginalized, out of the business altogether, or controlled by foreign companies. Korea's third producer, and their only other major manufacturer left in the business, Daewoo, is now controlled by General Motors.<sup>165</sup> The lone major South Korean-owned producer, the Hyundai-Kia combination, in 2008 produced 3.9 million vehicles worldwide, ranking it number fifth globally.<sup>166</sup> Of this output, 2.7 million vehicles were manufactured in South Korea, 70% of the country's total output of cars and light trucks, and more than double the total sales of all vehicles in South Korea.<sup>167</sup>

While Hyundai is a world-class global competitor, with current and planned assembly operations in the United States and other countries, it is questionable whether Hyundai, or any other South Korean-owned firm, could maintain an independently operated market base in South Korea without continued formal and informal protection from the national government. Comparative analysis of motor vehicle import and sales data by CRS from the *Automotive News Global Market Data Book* and *Ward's Motor Vehicle Facts & Figures* indicates that import penetration in the South Korean market in 2005 was equal to 3% of sales, even lower than the 5% level in Japan. By comparison, the U.S. level was 39% (20% if imports from Canada and Mexico are excluded),

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<sup>164</sup> USITC. *Industry and Trade Summary: Motor Vehicles* (USITC Publication 3545, September 2002), p. 60.

<sup>165</sup> *Ibid.*, pp. 60-61; Graeme P. Maxton and John Wormald, *Time for a Model Change: Re-Engineering the Global Automotive Industry*. Cambridge, U.K.: Cambridge University Press, 2004. p. 101-2; CRS Report RL32883, *U.S. Automotive Industry: Recent History and Issues*, p. 75-76.

<sup>166</sup> International Organization of Motor Vehicle Manufacturers, *World Motor Vehicle Production*, World Ranking of Manufacturers, Year 2008, 2008, <http://oica.net/wp-content/uploads/world-ranking-2008.pdf>.

<sup>167</sup> These statistics were compiled from Korea Automobile Manufacturers Association and Korea Automobile Importers and Dealers Association data.

and in major European producer countries, Canada, and Mexico, the shares of imports were 50% or higher. The British authors Maxton and Wormald believe that the South Korean industry may be fated to become a “networked” producer in the long run, i.e., surviving only by linkages to other major market producers.<sup>168</sup>

Jeffery Schott of the Peterson Institute for International Economics has presented an analysis of South Korean automotive production and shipments in 2005, based on Korean official statistics, which illustrates that large shares of South Korean vehicles of all types are exported. Among passenger cars, however, the significance of exports tends to decline with the size of the vehicle. The export share of South Korean-produced vehicles officially described as “light” was 69%, and of “small” vehicles was 82%. For “medium” cars, the export share dropped to 62%, and for “large” cars, the share was 53%. Schott noted that Ford and Chrysler representatives “argue that South Korean tariff and nontariff barriers have restricted the supply of imported large vehicles—which traditionally have higher profit margins—to reserve a large share of the market for domestic producers ... a surprisingly high percentage of South Korean production of larger cars is sold in the domestic market rather than exported, and these are cars that most directly compete with imports.”<sup>169</sup>

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<sup>168</sup> Maxton and Wormald, pp. 101-2.

<sup>169</sup> Schott (August 2007), table 2 and p. 4. It may be argued that Hyundai’s U.S. sales of its Sonata sedan, which may be considered a “medium” or “large” vehicle in Korea, were sourced out of its Alabama assembly plant starting in 2005, thus reducing the export share of that product. However, according to *Ward’s Automotive Yearbook*, only 91,000 Hyundai vehicles were produced in the U.S. in the startup year of 2005.