



## CRS Report for Congress

# Health and Safety Concerns Over U.S. Imports of Chinese Products: An Overview

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## Summary

China is a major source of U.S. imports of consumer products (such as toys) and an increasingly important supplier of various food products. Reports of unsafe seafood, pet food, toys, tires, and other products imported from China over the past year or so have raised concern in the United States over the health, safety, and quality of imported Chinese products. This report provides an overview of this issue and implications for U.S.-China trade relations and will be updated as events warrant.

China is a large and rapidly growing source of U.S. imports. It is estimated that in 2007, China overtook Canada to become the largest source of U.S. imports (at \$325 billion), accounting for 16.5% of total U.S. imports.<sup>1</sup> Over the past year or so, numerous recalls and warnings have been issued by U.S. firms over various products imported from China, due to health and safety concerns. This has led many U.S. policymakers to question the adequacy of China's regulatory environment in ensuring that its exports to the United States meet U.S. standards for health, safety, and quality; as well as the ability of U.S. government regulators, importers, and retailers to identify and take action against unsafe imports (from all countries) before they enter the U.S. market.

## Warnings, Recalls, and Detentions

The **Food and Drug Administration (FDA)** in March 2007 issued warnings and announced voluntary recalls on certain pet foods (or products such as rice protein concentrate and wheat gluten used to manufacture pet food and animal feed) from China believed to have caused the sickness and deaths of numerous pets in the United States. In May 2007, the FDA issued warnings on certain toothpaste products (some of which were found to be counterfeit) found to originate in China that contained poisonous chemicals. In June 2007, the FDA announced import controls on all farm-raised catfish, basa, shrimp, dace (related to carp), and eel from China after antimicrobial agents, which

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<sup>1</sup> Estimate, based on actual data for January-September 2007.

are not approved in the United States for use in farm-raised aquatic animals, were found. Such shipments will be detained until they are proven to be free of contaminants.

**The National Highway Traffic Safety Administration (NHTSA)** in June 2007 was informed by Foreign Tire Sales Inc., an importer of foreign tires, that it suspected that up to 450,000 tires (later reduced to 255,000 tires) made in China may have a major safety defect (i.e., missing or insufficient gum strip inside the tire). The company was ordered by the NHTSA to issue a recall. The Chinese government and the manufacturer have maintained that the tires in question meet or exceed U.S. standards.

**The Consumer Product Safety Commission (CPSC)** has issued alerts and announced voluntary recalls by U.S. companies on numerous products made in China in 2007. From January-December 2007, over four-fifths of CPSC recall notices involved Chinese products. Over this period, roughly 17.6 million toy units were recalled because of excessive lead levels. Recalls were also issued on 9.5 million Chinese-made toys (because of the danger of loose magnets), 4.2 million “Aqua Dots” toys (because beads contain a chemical that can turn toxic if ingested) and 1 million toy ovens (due to potential finger entrapment and burn hazards).<sup>2</sup>

### **U.S. Imports of Products of Concern from China<sup>3</sup>**

**Table 1** lists products imported from China in 2006 that have been the subject of recent U.S. health and safety concerns, such as toys, seafood, tires, animal foods, and toothpaste. It indicates that in 2006, China was a major source of imports for many of these products. For example, China was the largest supplier of imported toys (86% of total), seafood products (15%), and tires (22%); the 2<sup>nd</sup> largest foreign supplier of animal food products (24%); the 6<sup>th</sup> largest supplier of toothpaste (4%); and the 12<sup>th</sup> largest source of imported pharmaceuticals and organic chemicals (3%).<sup>4</sup> The table also lists the change in U.S. imports of these products during the first nine months of 2007 over the previous period in 2006. During this time, toothpaste imports from China declined by 54%, while toy imports increased by 46%.

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<sup>2</sup> For a list of company recalls of Chinese products, see the CPSC website at [<http://www.cpsc.gov/cpsc/pub/prerel/prerel.html>]. In addition, several U.S. retailers have announced that they have halted sales of certain Chinese products, due to health and safety concerns, which do not appear on the CPSC website.

<sup>3</sup> For an overview of issues concerning U.S. food imports from China, see CRS Report RL34080, *Food and Agricultural Imports from China*, by Geoffrey S. Becker

<sup>4</sup> Imported Chinese-made pharmaceutical products and organic chemicals have not been subject to any major recalls to date. However, press reports of the proliferation of fake and ineffective drugs (sold in China or exported from China) have raised concerns over the effectiveness and safety of China’s growing pharmaceutical (and ingredients used to make to make such products) exports to the United States. For example, China was the largest foreign supplier of U.S. imported vitamins and their derivatives in 2006 (\$241 million or 38.9% of total imports).

**Table 1. U.S. Imports of Selected Products from China:  
2006 and Percent Change in Those Imports in 2007**

Product Description	Imports From China (\$ millions)	China's Rank as a Source of Imported Product	Imports From China As a % of Total U.S. Imports (%)	Percent Change in Imports in 2007 over 2006 (%)*
Dolls, toys, and games	14,593	1	86.0	45.7
Fish and other seafood products	1,959.6	1	14.6	10.3
Tires	1,896	1	22.0	27.6
Animal foods	137	2	23.7	20.2
Toothpaste	3.3	6	3.5	-53.8
Organic chemicals and pharmaceutical products	2,588	12	3.0	21.4
Total imports from China	287,773	2	15.5	13.5

**Source:** USITC DataWeb using various classifications systems and digit levels.

\*For the time period January-September 2007 over the same period in 2006.

## China's Poor Regulatory System

China is believed to have a rather weak health and safety regime for manufactured goods and agricultural products. Problems include weak consumer protection laws and poorly enforced regulations, lack of inspections and ineffective penalties for code violators, underfunded and understaffed regulatory agencies and poor interagency cooperation, the proliferation of fake goods and ingredients, the existence of numerous unlicensed producers, falsified export documents, extensive pollution,<sup>5</sup> intense competition that often induces firms to cut corners, the relative absence of consumer protection advocacy groups, failure by Chinese companies to effectively monitor the quality of their suppliers' products, restrictions on the media,<sup>6</sup> and extensive government corruption and lack of accountability, especially at the local government level.

Chinese officials contend that most Chinese-made products are safe and note that U.S. recalls for health and safety reasons have involved a number of countries (as well as U.S. products). They also argue that some of the blame for recalled products belongs to U.S. importers or by U.S. designers. They further contend that some U.S. products

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<sup>5</sup> For example, many fish farmers in China reportedly feed various drugs to the fish to help keep them alive in polluted waters.

<sup>6</sup> China's media often reports on health and safety problems, but rarely criticizes the central government for such problems.

imported into China have failed to meet Chinese standards.<sup>7</sup> However, they have acknowledged numerous product health and safety problems in China, as reflected in reports that have appeared in China's state-controlled media. For example, in June 2004, the Chinese *People's Daily* reported that fake baby formula had killed 50 to 60 infants in China. In June 2006, the *China Daily* reported that 11 people had died from a tainted injection used to treat gall bladders. In August 2006, *Xinhua News Agency* reported that a defective antibiotic drug killed seven people and sickened many others.

China has announced a number of initiatives to improve and strengthen food and drug safety supervision and standards, increase inspections, require safety certificates before some products can be sold, and to crack down on government corruption:

- In May 2007, the *Xinhua News Agency* reported that former director of China's State Food and Drug Administration had been sentenced to death for taking bribes (equivalent to \$850,000) in return for approving untested and/or fake medicines (he was executed on July 10, 2007). On the same day, the *Xinhua News Agency* reported that the Chinese government had announced that it would, by the end of 2007, complete regulations for setting up a national food recall system would ban the sale of toys that failed to pass a national compulsory safety certification.
- On June 27, 2007, the *China Daily* reported that a nationwide inspection of the food production industry had found that a variety of dangerous industrial raw materials had been used in the production of flour, candy, pickles, biscuits, black fungus, melon seeds, bean curd, and seafood. As a result, the government reportedly closed 180 food factories found to be producing unsafe products and/or making fake commodities. It also reported that in 2006, the government had conducted 10.4 million inspections, uncovering problems in 360,000 food businesses, and had closed 152,000 unlicensed food businesses.
- On July 4, 2007, the *China Daily* reported that the government had finished making amendments to all food safety standards and had established an emergency response mechanism among several ministries to deal with major problems regarding food safety.
- On August 9, 2007, *China Daily* reported that the government had pledged to spend \$1 billion by 2010 to improve drug and food safety.
- On August 15, 2007, a spokesperson from the Chinese embassy in Washington, DC, said that China would require that every food shipment be inspected for quality by the government by September 1, 2007.

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<sup>7</sup> Since June 2007, China has seized, rejected, or complained about U.S. shipments of orange pulp dried apricots, frozen chicken, pork products, pacemakers, soybeans, frozen potato slices, and sardines. In September 2007, China reportedly ordered increased inspections of imported U.S. products. Some analysts contend that these actions are retaliation for U.S. recalls of Chinese products.

- On August 20, 2007, the Chinese government announced that it had created a 19-member cabinet-level panel to oversee product quality and food safety (headed by Vice-Premier Wu Yi) and would start a four-month nationwide campaign to improve the quality of goods and food.
- On December 5, 2007, the government stated that during the first 10 months of the year, it had shut down 47,800 food factories without operating licenses.
- On January 15, 2008, China announced it had inspected over 3,000 export-oriented toy manufacturers and had revoked licences for 600 firms that failed to meet quality standards.

The United States and China reached a number of agreements in 2007 to address health and safety concerns:

- On September 11, 2007, the CPSC and its Chinese counterpart, the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ), signed a Joint Statement on enhancing consumer product safety. China pledged to implement a comprehensive plan to intensify efforts (such as increased inspections, efforts to educate Chinese manufacturers, bilateral technical personal exchanges and training, regular meetings to exchange information with U.S. officials, and the development of a product tracking system) to prevent exports of unsafe products to the United States, especially in regard to lead paint and toys.
- On September 12, 2007, the NHTSA signed a Memorandum of Cooperation with its Chinese counterpart on enhanced cooperation and communication on vehicles and automotive equipment safety.
- On December 11, 2007, the U.S. Health and Human Services (HHS) announced that it had signed two Memoranda of Agreement (MOA) with its Chinese counterparts; the first covering specific food and feed items that have been of concern to the United States, and the second covering drugs and medical devices. Both MOAs would require Chinese firms that export such products to the United States to register with the Chinese government and to obtain certification before they can export. Such firms would also be subject to annual inspections to ensure they meet U.S. standards. The MOAs also establish mechanisms for greater information sharing, increase access of production facilities by U.S. officials, and creates working group in order to boost cooperation.

## **Economic Implications**

Many Members of Congress have called for tighter scrutiny (such as increased inspections and certification requirements) of imported Chinese products, and numerous bills have recently been introduced to address health and safety concerns over imported products. The primary bills addressing product safety that Congress is likely to consider are H.R. 4040 (Rush), which passed the House on December 19, 2007, and S. 2045 (Pryor) in the Senate. Although not identical, both bills would boost the CPSC's funding and

expand its authority, ban the sale of children's products that contain more than trace levels of lead, and require third-party inspections and mandatory tracking labels for children's products.<sup>8</sup>

Many charge that the current U.S. health and safety regulatory regime lacks the ability to effectively identify and halt unsafe products, and some have called for strengthening federal agencies that monitor imports. Others have called for new rules that would require U.S. companies that import from China to do more to ensure that such products are safe and effective. Another proposal would ban certain imports from China until they are proven to be safe. Still others contend the focus should be on pressing China to do more to enforce its own laws and regulations and to boost cooperation and assistance on health and safety issues. World Trade Organization rules allow countries to impose restrictions on imports for health and safety reasons as long as they are based on science, but forbid measures deemed to be discriminatory or protectionist in nature.

Concerns over the health, safety, and quality of Chinese products could have a number of important economic implications. Both the United States and China have accused each other of using health and safety concerns as an excuse to impose protectionist measures and some observers contend that this issue could lead to growing trade friction between the two sides. International concerns over the safety of Chinese exports may diminish the attractiveness of China as a destination for foreign investment in export-oriented manufacturing, as well as for foreign firms that contract with Chinese firms to make and export products under their labels (such as toys). Efforts by China to restore international confidence in the health and safety of its exports through increased inspections, certification requirements, mandatory testing, etc., could have a significant impact on the cost of doing business in China, which could slow the pace of Chinese exports and hurt employment in the export sector. Moreover, international concerns over the safety of Chinese products could prove to be a setback to the government's efforts to develop and promote internationally recognized Chinese brands (such as cars), which it views as important to the country's future economic development. Thus, it is very likely the Chinese government will take this issue very seriously. However, it is unclear how long it will take for the central government to effectively address the numerous challenges it faces (especially government corruption and counterfeiting) to ensure that its exports comply with the health and safety standards of the United States and other trading partners. Additionally, a sharp decrease in purchases by U.S. consumers of Chinese products could negatively impact U.S. firms that import and/or sell such products and may raise prices of some commodities as firms attempt to rectify various safety problems.

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<sup>8</sup> For a listing of bills on food safety, see CRS Report RL34152, *Food Safety: Selected Issues and Bills in the 110th Congress*, by Geoffrey S. Becker.