BY THE NUMBERS

Jeopardizing the National Benefits of Trade
Through America's Busiest Port Complex

November 1, 2019

BST Associates

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EXECUTIVE SUMMARY

   BST Associates was retained by the Port of Los Angeles to analyze the degree to which waterborne trade moving through the San Pedro Bay ports is exposed to tariffs. The United States has recently imposed tariffs on selected commodities imported into the United States. In retaliation for these tariffs on imports, certain countries and regions have imposed or proposed tariffs on U.S. exports.

   This analysis provides an estimate of the value (and volume) of trade that may be impacted by tariffs, and uses the value to estimate the economic impacts (jobs, income, and taxes) associated with the impacted trade. It is important to note the analysis does not estimate the percentage change in volume or price for impacted commodities.

Key Findings

   Most of the import tariffs that have been imposed or proposed are directed at China, including a portion of the Section 232 tariffs and all of the Section 301 tariffs. China accounts for most of the imports moving through the San Pedro Bay ports, including 57% of containerized imports (by value) and 54% of total waterborne imports.

   The share of import value that may be impacted by tariffs is estimated to be 56.1% of containerized cargo, 16.7% of non-containerized cargo, and 52.7% of total cargo. (See Figure ES-1). China accounts for more than 98% of the impacted value, due to its share of import cargo value and to the number of commodities that are subject to tariffs.

   China also accounts for the largest share of waterborne exports moving through San Pedro Bay ports, although not as large a share as it does for imports. China accounts for 31.8% of containerized export tonnage, 15.9% of non-containerized export tonnage, and 27.5% of total waterborne export tonnage.

   The share of San Pedro Bay export value that is subject to retaliatory tariffs is estimated to be 29.3% for containerized cargo, 23.8% for non-containerized cargo, and 28.8% of total cargo.

Figure ES-1: Summary of San Pedro Bay Trade Value
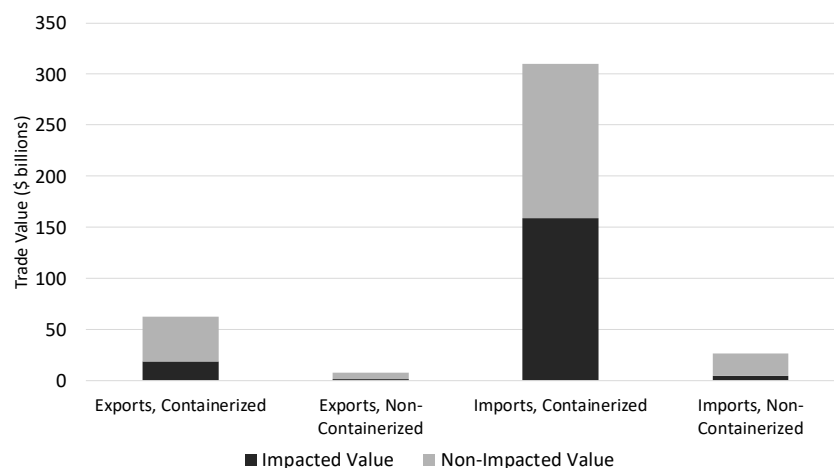
The number of jobs impacted was estimated for each state, and for the United States.

- An estimated 1.26 million jobs in the United States are supported by **imports** that are subject to the tariffs and that move through the San Pedro Bay ports.
- An estimated 206,790 jobs are supported by the **exports** that are subject to retaliatory tariffs.

Tariffs

The impacts of tariffs were estimated using the following scenario:

- Import impacts were estimated using all tariffs currently in place (as of October 1, 2019), including:
  - Section 232 tariffs on steel and aluminum, excluding Canada, Mexico, Australia, South Korea, Brazil, and Argentina for steel; and excluding Canada, Mexico, Australia, and Argentina for aluminum.
  - Round 1 through Round 4 of the Section 301 tariffs on imports from China,
- Export impacts were estimated using all retaliatory tariffs currently in place, including:
  - Section 232 retaliation from China, European Union, India, Russia, and Turkey.
  - Section 301 retaliation from China.

The tariffs included in this scenario is summarized in Figure ES-2.

Figure ES-2: Tariff Scenario

Imports		Exports	
Tariff Section / Description	Impacted Countries / Exempted Countries	Tariff Section / Description	Countries Imposing
Section 232 (Iron & Steel)	All Countries	**Section 232 (retaliation)**	China, EU, India, Russia, Turkey
	Steel tariffs exclude: Argentina, Australia, Brazil, Canada, Mexico, and South Korea.		
	Aluminum tariffs exclude: Argentina, Australia, Canada, and Mexico.		
Section 301 (Rounds 1-4)	China	**Section 301 (retaliation) (List 1-3)**	China

Analysis

This analysis includes three main parts:

- Chapter 1 estimates how much of the trade that moves through the San Pedro Bay ports may be impacted by the tariffs.

- Chapter 2 estimates the economic impacts associated with the affected trade, for each of the 50 states and the District of Columbia.

- Chapter 3 estimates the value of impacted trade, by political jurisdiction (state, congressional district, etc.).

The impacts of tariffs were estimated using:

- All of the Section 232 and 301 import tariffs imposed or proposed by the United States, and
- All of the export tariffs imposed or proposed by trading partners in response to the Section 232 and 301 tariffs.

Tariff impacts were based on trade values and volumes for 2018.

Chapter 1. ESTIMATES OF IMPACTED TRADE

Overview

BST Associates was retained by the Port of Los Angeles to analyze the degree to which waterborne trade moving through the San Pedro Bay ports is exposed to tariffs. The United States has recently imposed tariffs on selected commodities imported into the United States, and has proposed additional tariffs. In retaliation for these tariffs, certain countries and regions have imposed or proposed tariffs on U.S. goods exported to those countries.

This analysis provides an estimate of the value (and volume) of trade exposed to tariffs and uses the value to estimate the economic impacts (jobs, income, and taxes) associated with the impacted trade. It is important to note the analysis does not estimate the percentage decline in volume or price for each commodity.

This analysis includes three main parts:

- Chapter 1 estimates how much of the trade that moves through the San Pedro Bay ports may be impacted by the tariff.

- Chapter 2 estimates the economic impacts of the affected trade, for each of the 50 states and the District of Columbia.

- Chapter 3 estimates the value of impacted trade, by political jurisdiction (state, congressional district, etc.).

Data Sources

This analysis is based on two primary sources of trade data: WISERTrade and PIERS. WISERTrade (World Institute for Strategic Economic Research), based at Holyoke Community College in Massachusetts, produces detailed data sets of U.S. trade. This data includes information on U.S. port, foreign country of export or import, six-digit Harmonized System (HS) commodity code, waterborne weight and value, and containerized weight and value.

PIERS (Port Import Export Reporting Service) data includes records of imports and exports for individual shippers. This data includes U.S. port, foreign country of export or import, six-digit Harmonized System (HS) commodity code, waterborne weight and TEU, and containerized weight and TEU. The PIERS data also includes individual company names and addresses.

This analysis uses trade data for the Port of Los Angeles and the Port of Long Beach. Estimates of the volume and value of trade potentially impacted by the existing and proposed tariffs were made by applying the most recent list of tariffs (import and export) to full-year 2018 trade data.

The impact estimates use WISERTrade data for tonnage and value, and PIERS data for container volume (i.e. TEU). Total tonnage figures between the WISERTrade data and the PIERS data are comparable. However, the way in which PIERS assigns HS commodity codes makes it likely that the estimates of TEU are understated.

One of the issues with PIERS HS codes is that some shipments are classified as HS code "000797, Household Goods" or "007985, Miscellaneous Cargo". These two HS codes are not part of the international Harmonized System. Another issue is that PIERS uses a proprietary

commodity coding system, which is cross-referenced to the HS system. During the conversion from PIERS commodity codes to HS codes there is some loss of accuracy. Based on a comparison of the share of containerized tonnage potentially impacted with the share of TEU potentially impacted, the TEU totals may be undercounted by 15% to 20%.

Overview of Tariffs

U.S. Import Tariffs

Section 232 of the Trade Expansion Act of 1962 (19U.S.C. § 1862, as amended) allows any department, agency head, or any "interested party" to request the Department of Commerce to determine if certain imports threaten to impair national security. Commerce initiated investigations into steel and aluminum imports in April 2017 (82 FR 19205, 82 FR 21509), and determined that the quantities and circumstances of imports threaten to impair the national security. The President concurred with Commerce's findings, and effective March 23, 2018, applied 25% tariffs on steel imports and 10 % tariffs on imports of aluminum.

These tariffs affected essentially every country, although countries and/or companies negatively impacted by these additional tariffs can petition for an exclusion. Permanent tariff exemptions were granted to Brazil and South Korea for steel and to Argentina for steel and aluminum in exchange for quantitative limitations. Australia was exempted from both tariffs with no quantitative restrictions. In May 2019, the United States, Mexico, and Canada announced a joint monitoring and consultation system to replace the tariffs.

Section 301 of the Trade Act of 1974 provides the United States with the authority to enforce trade agreements, resolve trade disputes, and open foreign markets to U.S. goods and services. It is the principal statutory authority under which the United States may impose trade sanctions on foreign countries that either violate trade agreements or engage in other unfair trade practices. When negotiations to remove the offending trade practice fail, the United States may take action to raise import duties on the foreign country's products as a means to rebalance lost concessions.

Under Section 301, the United States has raised import duties on selected commodities from China. The initial list of products subject to the additional tariffs became effective in July 2018. A second list became effective in August 2018, a third list in May 2019. A fourth list was scheduled to go into effect in June 2019; however, this list has since been split into list 4a and 4b. List 4a went into effect on September 1, 2019 and List 4b is scheduled to go into effect on December 15, 2019.

As of May 20, 2019, the Section 232 tariffs on steel products were suspended for Argentina, Australia, Brazil, Canada, Mexico, and South Korea.

As of May 20, 2019, the Section 232 tariffs on aluminum products were suspended for Agentina, Australia, Canada and Mexico.

Retaliatory Tariffs on U.S. Exports

In retaliation for the Section 232 tariffs a number of countries or trade regions imposed additional tariffs on commodities on U.S. exports. These include Canada, Mexico, China, the European Union (EU), India, Russia, and Turkey.

In retaliation for the Section 301 tariff increases, China imposed additional tariffs in response to the first three U.S. lists, and has proposed increasing tariff levels in response to U.S. list 4.

In May 2019, Canada and Mexico dropped their Section 232 retaliatory tariffs in response to the U.S. suspending the Section 232 tariffs on aluminum and steel for those countries.

Tariff Scenario

This analysis uses the lists of commodities under all of the existing and proposed tariffs and retaliatory tariffs, and estimates the volume and value of imports moving through the San Pedro Bay ports in 2018 that would have been subject to these tariffs.

As of the date this draft analysis was completed, the tariffs that had been imposed or proposed included the following:

- Import duties for steel mill and aluminum articles were imposed on all countries in March of 2018, under Section 232 of the Trade Expansion Act of 1962.
- In retaliation for the Section 232 tariffs a number of countries or trade regions imposed additional tariffs on commodities on U.S. exports. These included Canada, Mexico, China, the European Union (EU), India, Russia, and Turkey.
- Import duties were imposed on goods from China using Section 301 of the Trade Act of 1974. Four lists of commodities subject to these tariffs were created, each to be imposed under separate rounds. The first three of these rounds were imposed in 2018 and 2019, and the fourth was on hold as of the development of this analysis.
- In retaliation for the Section 301 tariff increases, China imposed additional tariffs in response to the first three U.S. lists, and has proposed additional commodities in response to U.S. list 4.
- As of May 20, 2019, steel and aluminum products from Canada and Mexico were excluded from the Section 232 tariffs, and both countries dropped their retaliatory tariffs as as result.
- As of May 20, 2019, other countries exempted from the tariffs on steel included Argentina, Australia, Brazil, and South Korea. Other countries exempted from the tariffs on aluminum included Argentina and Australia

This is summarized in Table 1-1.

Proposed tariffs on Mexico under the International Emergency Economic Powers Act of 1977, aimed at curbing immigration through Mexico, were not included.

Increased tariffs on Turkey and India due to their removal from the GSP were not included in the analysis.

In addition, China has yet to announce a new list of tariffs to be imposed in retaliation for the Section 301 Round 4 tariffs.

Table 1-1: Tariff Scenario

Imports		Exports	
Tariff Section / Description	Impacted Countries / Exempted Countries	Tariff Section / Description	Countries Imposing
Section 232 (Iron & Steel)	All Countries	**Section 232 (retaliation)**	China, EU, India, Russia, Turkey
	Steel tariffs exclude: Argentina, Australia, Brazil, Canada, Mexico, and South Korea.		
	Aluminum tariffs exclude: Argentina, Australia, Canada, and Mexico.		
Section 301 (Rounds 1-4)	China	**Section 301 (retaliation) (List 1-3)**	China

Tariff Impact

Imports

Sources of San Pedro Bay Imports

In order to comprehend the impacts of the tariffs it is critical to understand where the imports that move through the San Pedro Bay ports originate.

As shown in Table 1-1, most of the imports moving through San Pedro Bay ports originate in China. China accounts for 42% of all waterborne import tonnage, including 61% of containerized import tonnage and 3% of non-containerized import tonnage. Most of the tariff actions to date have have been directed at China: the Section 232 steel and aluminum tariffs include China as one of the countries impacted, while the Section 301 tariffs are currently directed exclusively at China.

In terms of value, China accounts for 54% of total waterborne imports moving through San Pedro Bay, 57% of containerized imports, and 17% of non-containerized imports value. (See Table 1-2).

In terms of TEUs, China accounts for 67% of waterborne imports moving through San Pedro Bay. (See Table 1-3).

Table 1-1: Source of San Pedro Bay Waterborne Imports – Metric Tons

	Country	Metric Tons (1,000's)			Share of Total		
		Contain-erized	Non-Contain-erized	Total	Contain-erized	Non-Contain-erized	Total
1	China	31,080	760	31,840	61.0%	3.1%	42.1%
2	Korea	2,080	1,820	3,900	4.1%	7.4%	5.2%
3	Japan	2,260	1,250	3,500	4.4%	5.1%	4.6%
4	Iraq	-	2,920	2,920	0.0%	11.9%	3.9%
5	Vietnam	2,610	240	2,850	5.1%	1.0%	3.8%
6	Ecuador	50	2,650	2,700	0.1%	10.8%	3.6%
7	Mexico	240	2,460	2,700	0.5%	10.0%	3.6%
8	Taiwan	2,040	400	2,430	4.0%	1.6%	3.2%
9	EU	2,000	370	2,360	3.9%	1.5%	3.1%
10	Brazil	480	1,860	2,340	0.9%	7.6%	3.1%
11	Thailand	1,850	60	1,910	3.6%	0.2%	2.5%
12	Canada	40	1,820	1,860	0.1%	7.4%	2.5%
13	Colombia	40	1,320	1,350	0.1%	5.4%	1.8%
14	Russia	90	1,050	1,140	0.2%	4.3%	1.5%
15	Kuwait	-	1,020	1,020	0.0%	4.1%	1.4%
16	Peru	170	780	950	0.3%	3.2%	1.3%
17	Indonesia	940	10	950	1.8%	0.0%	1.3%
18	Angola	-	850	850	0.0%	3.5%	1.1%
19	Malaysia	780	20	800	1.5%	0.1%	1.1%
20	India	750	10	760	1.5%	0.0%	1.0%
21	Saudi Arabia	10	690	700	0.0%	2.8%	0.9%
22	Equatorial Guinea	-	550	550	0.0%	2.2%	0.7%
23	Chile	450	80	530	0.9%	0.3%	0.7%
24	Australia	360	160	510	0.7%	0.7%	0.7%
25	Philippines	460	-	460	0.9%	0.0%	0.6%
27	Turkey	310	20	330	0.6%	0.1%	0.4%
	Other	1,900	1,410	3,340	3.7%	5.7%	4.4%
	Total	50,990	24,580	75,550	100.0%	100.0%	100.0%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

Table 1-2: Source of San Pedro Bay Waterborne Imports – Value

	Country	Value ($ millions)			Share of Total		
		Contain-erized	Non-Contain-erized	Total	Contain-erized	Non-Contain-erized	Total
1	China	$162,030	$4,550	$166,580	57.2%	17.2%	53.8%
2	Japan	$29,240	$2,740	$31,970	10.3%	10.3%	10.3%
3	Vietnam	$20,660	$320	$20,980	7.3%	1.2%	6.8%
4	Korea	$12,500	$2,300	$14,800	4.4%	8.7%	4.8%
5	Taiwan	$12,410	$1,170	$13,580	4.4%	4.4%	4.4%
6	EU	$6,740	$3,240	$9,980	2.4%	12.2%	3.2%
7	Thailand	$8,920	$180	$9,100	3.2%	0.7%	2.9%
8	Indonesia	$6,580	$80	$6,660	2.3%	0.3%	2.2%
9	Malaysia	$4,130	$100	$4,230	1.5%	0.4%	1.4%
10	Philippines	$3,390	$40	$3,430	1.2%	0.2%	1.1%
11	India	$2,910	$120	$3,030	1.0%	0.5%	1.0%
12	Saudi Arabia	$10	$2,400	$2,410	0.0%	9.1%	0.8%
13	Cambodia	$1,890	$10	$1,900	0.7%	0.0%	0.6%
14	Brazil	$520	$1,030	$1,550	0.2%	3.9%	0.5%
15	Bangladesh	$1,490	$10	$1,510	0.5%	0.0%	0.5%
16	Australia	$1,320	$150	$1,470	0.5%	0.6%	0.5%
17	Iraq	$0	$1,420	$1,420	0.0%	5.4%	0.5%
18	Ecuador	$180	$1,200	$1,380	0.1%	4.5%	0.4%
19	Mexico	$380	$1,000	$1,370	0.1%	3.8%	0.4%
20	Singapore	$900	$250	$1,150	0.3%	0.9%	0.4%
21	Chile	$720	$160	$880	0.3%	0.6%	0.3%
22	Russia	$270	$570	$840	0.1%	2.2%	0.3%
23	New Zealand	$780	$50	$830	0.3%	0.2%	0.3%
24	Peru	$420	$350	$760	0.1%	1.3%	0.2%
25	Colombia	$90	$610	$700	0.0%	2.3%	0.2%
26	Canada	$70	$460	$530	0.0%	1.7%	0.2%
30	Turkey	$330	$80	$410	0.1%	0.3%	0.1%
	Other	$4,250	$1,920	$6,180	1.5%	7.2%	2.0%
	Total	$283,130	$26,510	$309,630	100.0%	100.0%	100.0%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

Table 1-3: Source of San Pedro Bay Waterborne Imports – TEU

	Country	TEU (1,000's)	Share of Total
1	China	5,949.9	67.0%
2	Vietnam	601.7	6.8%
3	Japan	366.0	4.1%
4	Korea	358.2	4.0%
5	Taiwan	323.8	3.6%
6	Thailand	258.8	2.9%
7	EU	214.8	2.4%
8	Indonesia	162.0	1.8%
9	Malaysia	109.7	1.2%
10	India	80.9	0.9%
11	Philippines	70.5	0.8%
12	Chile	42.6	0.5%
13	Cambodia	38.2	0.4%
14	Australia	29.9	0.3%
15	Bangladesh	28.6	0.3%
16	Singapore	28.4	0.3%
17	New Zealand	21.5	0.2%
18	Turkey	18.6	0.2%
19	Mexico	18.1	0.2%
20	Pakistan	14.6	0.2%
21	Guatemala	14.1	0.2%
22	Brazil	13.7	0.2%
23	Peru	13.3	0.1%
24	UAE	9.0	0.1%
25	Sri Lanka	8.6	0.1%
27	Russia	7.2	0.1%
50	Canada	0.9	0.0%
	Other	81	0.9%
	Total	8,885	100.0%

Source: BST Associates, data from PIERS
Note: rounding may result in slight variations in percentages or totals.

Impacts of Import Tariffs

The share of San Pedro Bay import cargo that is subject to tariffs is estimated to be:

- 60.4% of containerized tonnage,
- 4.3% of non-containerized tonnage, and
- 42.2% of total tonnage. (See Table 1-4).

Approximately 98% of the import cargo subject to tariffs is from China, because China accounts for such a large share of San Pedro Bay imports, and because essentially all of China's imports are subject to additional tariffs (as of the fourth round of Section 301 tariffs).

Table 1-4: Impact of Tariffs on Waterborne Imports – Metric Tons

	Country	Total Trade (1,000 MT)			Impacted Trade (1,000 MT)			Share Impacted		
		Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total
1	China	31,080	760	31,840	30,360	696	31,055	97.7%	91.6%	97.5%
2	Korea	2,080	1,820	3,900	-	-	-	0.0%	0.0%	0.0%
3	Japan	2,260	1,250	3,500	46	135	181	2.0%	10.8%	5.2%
4	Iraq	-	2,920	2,920	-	-	-	0.0%	0.0%	0.0%
5	Vietnam	2,610	240	2,850	52	148	200	2.0%	61.6%	7.0%
6	Ecuador	50	2,650	2,700	-	-	-	0.0%	0.0%	0.0%
7	Mexico	240	2,460	2,700	-	-	-	0.0%	0.0%	0.0%
8	Taiwan	2,040	400	2,430	75	51	126	3.7%	12.8%	5.2%
9	EU	2,000	370	2,360	30	2	32	1.5%	0.5%	1.3%
10	Brazil	480	1,860	2,340	-	-	-	0.0%	0.0%	0.0%
11	Thailand	1,850	60	1,910	10	25	35	0.5%	41.1%	1.8%
12	Canada	40	1,820	1,860	-	-	-	0.0%	0.0%	0.0%
13	Colombia	40	1,320	1,350	0	-	0	0.2%	0.0%	0.0%
14	Russia	90	1,050	1,140	5	-	5	5.8%	0.0%	0.5%
15	Kuwait	-	1,020	1,020	-	-	-	0.0%	0.0%	0.0%
16	Peru	170	780	950	-	-	-	0.0%	0.0%	0.0%
17	Indonesia	940	10	950	26	0	26	2.7%	0.1%	2.7%
18	Angola	-	850	850	-	-	-	0.0%	0.0%	0.0%
19	Malaysia	780	20	800	7	11	17	0.8%	54.3%	2.2%
20	India	750	10	760	56	0	56	7.5%	0.2%	7.4%
21	Saudi Arabia	10	690	700	2	-	2	15.1%	0.0%	0.2%
22	Eq. Guinea	-	550	550	-	-	-	0.0%	0.0%	0.0%
23	Chile	450	80	530	-	-	-	0.0%	0.0%	0.0%
24	Australia	360	160	510	-	-	-	0.0%	0.0%	0.0%
25	Philippines	460	-	460	-	-	-	0.0%	0.0%	0.0%
27	Turkey	310	20	330	3	-	3	0.9%	0.0%	0.8%
	Other	1,900	1,410	3,340	141	0	141	7.4%	0.0%	4.2%
	Total	50,990	24,580	75,550	30,811	1,067	31,878	60.4%	4.3%	42.2%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

The share of import value that may be impacted by tariffs is estimated as:

- 56.1% of containerized cargo value,
- 16.7% of non-containerized cargo value, and
- 52.7% of total cargo value. (See Table 1-5).

China accounts for more than 97% of the impacted value, due to its share of import cargo value and to the number of commodities that are subject to tariffs.

Table 1-5: Impact of Tariffs on Waterborne Imports – Value

	Country	Total Value ($ bil.)			Impacted Value ($ bil.)			Share Impacted		
		Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total
1	China	$162.0	$4.6	$166.6	$157.7	$4.2	$161.8	97.3%	91.3%	97.1%
2	Japan	$29.2	$2.7	$32.0	$0.1	$0.1	$0.2	0.5%	3.1%	0.7%
3	Vietnam	$20.7	$0.3	$21.0	$0.0	$0.1	$0.2	0.2%	38.5%	0.8%
4	Korea	$12.5	$2.3	$14.8	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
5	Taiwan	$12.4	$1.2	$13.6	$0.2	$0.0	$0.2	1.7%	3.4%	1.8%
6	EU	$6.7	$3.2	$10.0	$0.1	$0.0	$0.1	1.8%	0.1%	1.2%
7	Thailand	$8.9	$0.2	$9.1	$0.0	$0.0	$0.0	0.1%	11.1%	0.4%
8	Indonesia	$6.6	$0.1	$6.7	$0.1	$0.0	$0.1	1.1%	0.1%	1.1%
9	Malaysia	$4.1	$0.1	$4.2	$0.0	$0.0	$0.0	0.4%	8.6%	0.6%
10	Philippines	$3.4	$0.0	$3.4	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
11	India	$2.9	$0.1	$3.0	$0.1	$0.0	$0.1	4.7%	0.0%	4.5%
12	Saudi Arabia	$0.0	$2.4	$2.4	$0.0	$0.0	$0.0	14.3%	0.0%	0.1%
13	Cambodia	$1.9	$0.0	$1.9	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
14	Brazil	$0.5	$1.0	$1.6	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
15	Bangladesh	$1.5	$0.0	$1.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
16	Australia	$1.3	$0.2	$1.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
17	Iraq	$0.0	$1.4	$1.4	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
18	Ecuador	$0.2	$1.2	$1.4	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
19	Mexico	$0.4	$1.0	$1.4	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
20	Singapore	$0.9	$0.3	$1.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
21	Chile	$0.7	$0.2	$0.9	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
22	Russia	$0.3	$0.6	$0.8	$0.0	$0.0	$0.0	7.2%	0.0%	2.3%
23	New Zealand	$0.8	$0.1	$0.8	$0.0	$0.0	$0.0	2.2%	0.0%	2.1%
24	Peru	$0.4	$0.4	$0.8	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
25	Colombia	$0.1	$0.6	$0.7	$0.0	$0.0	$0.0	0.1%	0.0%	0.0%
26	Canada	$0.1	$0.5	$0.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
30	Turkey	$0.3	$0.1	$0.4	$0.0	$0.0	$0.0	1.0%	0.0%	0.8%
	Other	$4.3	$1.9	$6.2	$0.3	$0.0	$0.3	7.2%	0.0%	5.0%
	Total	$283.1	$26.5	$309.6	$158.8	$4.4	$163.2	56.1%	16.7%	52.7%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

In terms of TEUs, an estimated 78.4% of containers from China are subject to the tariffs. Across all trading partners, an estimated 53.1% of imported containers are subject to the tariffs (See Table 1-6).

China accounts for approximately 4.66 million out of 4.71 million TEU impacted, or 99% of the total.

As noted above, however, the TEU counts are likely to be conservative, due to discrepancies in the way that PIERS assigns HS commodity codes.

Table 1-6: Impact of Tariffs on Waterborne Imports – TEU

	Country	Total TEU (1,000's)	Impacted TEU (1,000's)	Share Impacted
1	China	5,949.9	4,663.0	78.4%
2	Vietnam	601.7	5.3	0.9%
3	Japan	366.0	7.3	2.0%
4	Korea	358.2	-	0.0%
5	Taiwan	323.8	13.2	4.1%
6	Thailand	258.8	3.1	1.2%
7	EU	214.8	3.0	1.4%
8	Indonesia	162.0	2.3	1.4%
9	Malaysia	109.7	1.2	1.1%
10	India	80.9	4.1	5.0%
11	Philippines	70.5	0.2	0.3%
12	Chile	42.6	0.1	0.2%
13	Cambodia	38.2	0.0	0.0%
14	Australia	29.9	-	0.0%
15	Bangladesh	28.6	0.0	0.0%
16	Singapore	28.4	0.2	0.6%
17	New Zealand	21.5	0.1	0.4%
18	Turkey	18.6	0.4	2.2%
19	Mexico	18.1	-	0.0%
20	Pakistan	14.6	0.0	0.2%
21	Guatemala	14.1	0.0	0.2%
22	Brazil	13.7	-	0.0%
23	Peru	13.3	0.0	0.0%
24	UAE	9.0	6.5	72.5%
25	Sri Lanka	8.6	0.0	0.0%
27	Russia	7.2	1.2	17.0%
50	Canada	0.9	-	0.0%
	Other	80.8	2.8	3.4%
	Total	8,884.6	4,714.0	53.1%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

Exports

Sources of San Pedro Bay Exports

China accounts for the largest share of waterborne exports moving through San Pedro Bay ports, although not as large a share as it does for imports. As shown in Table 1-7, China accounts for 31.8% of containerized export tonnage, 15.9% of non-containerized export tonnage, and 27.5% of total waterborne export tonnage.

Other countries that have imposed retaliatory tariffs account for much smaller shares of San Pedro Bay exports. For containerized cargo,

- India accounts for 1.5% of tonnage,
- The EU accounts for 1.3%,
- Turkey accounts for 0.1%, and
- Russia accounts for essentially 0.0%.

For non-containerized cargo,

- The EU accounts for 10.9% of tonnage,
- India accounts for 2.6%,
- Turkey accounts for essentially 0.0%, and
- Russia accounts for essentially 0.0%.

Table 1-7: Source of San Pedro Bay Waterborne Exports – Metric Tons

	Country	Metric Tons (1,000's)			Share of Total		
		Contain-erized	Non-Contain-erized	Total	Contain-erized	Non-Contain-erized	Total
1	China	9,700	1,810	11,510	31.8%	15.9%	27.5%
2	Japan	2,650	4,490	7,140	8.7%	39.6%	17.1%
3	Taiwan	3,710	330	4,040	12.2%	2.9%	9.7%
4	Korea	2,750	880	3,630	9.0%	7.8%	8.7%
5	Vietnam	2,470	290	2,760	8.1%	2.6%	6.6%
6	Indonesia	2,240	90	2,330	7.4%	0.8%	5.6%
7	Thailand	1,080	280	1,360	3.5%	2.5%	3.3%
8	Mexico	50	1,240	1,290	0.2%	10.9%	3.1%
9	Malaysia	920	200	1,120	3.0%	1.8%	2.7%
10	Australia	640	230	870	2.1%	2.0%	2.1%
11	India	460	290	750	1.5%	2.6%	1.8%
12	EU	400	320	720	1.3%	2.8%	1.7%
13	Philippines	610	20	630	2.0%	0.2%	1.5%
14	Saudi Arabia	560	-	560	1.8%	0.0%	1.3%
15	Singapore	350	10	360	1.1%	0.1%	0.9%
16	Chile	170	100	270	0.6%	0.9%	0.6%
17	UAE	220	50	270	0.7%	0.4%	0.6%
18	Bangladesh	120	100	220	0.4%	0.9%	0.5%
19	Brazil	50	120	170	0.2%	1.1%	0.4%
20	Myanmar	170	-	170	0.6%	0.0%	0.4%
21	New Zealand	130	20	150	0.4%	0.2%	0.4%
22	Pakistan	150	-	150	0.5%	0.0%	0.4%
23	Peru	60	80	140	0.2%	0.7%	0.3%
24	Colombia	70	50	120	0.2%	0.4%	0.3%
25	Cambodia	90	-	90	0.3%	0.0%	0.2%
32	Canada	-	50	50	0.0%	0.4%	0.1%
38	Turkey	30	-	30	0.1%	0.0%	0.1%
54	Russia	10	-	10	0.0%	0.0%	0.0%
	Other	610	300	910	2.0%	2.6%	2.2%
	Total	30,470	11,350	41,820	100.0%	100.0%	100.0%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

China accounts for the largest share of waterborne value exported the through San Pedro Bay ports, as shown in Table 1-8. China accounts for 30.0% of containerized export value, 24.0% of non-containerized export value, and 29.4% of total waterborne export value.

Table 1-8: Source of San Pedro Bay Waterborne Exports – Value

	Country	Value ($ millions)			Share of Total		
		Contain-erized	Non-Contain-erized	Total	Contain-erized	Non-Contain-erized	Total
1	China	$18,830	$1,750	$20,580	30.0%	24.0%	29.4%
2	Japan	$8,650	$1,560	$10,210	13.8%	21.4%	14.6%
3	Korea	$7,180	$700	$7,880	11.5%	9.6%	11.3%
4	Australia	$4,690	$390	$5,080	7.5%	5.3%	7.3%
5	Taiwan	$3,930	$440	$4,370	6.3%	6.0%	6.2%
6	EU	$2,990	$400	$3,390	4.8%	5.5%	4.8%
7	Vietnam	$2,480	$190	$2,670	4.0%	2.6%	3.8%
8	Singapore	$1,780	$160	$1,940	2.8%	2.2%	2.8%
9	Thailand	$1,590	$170	$1,760	2.5%	2.3%	2.5%
10	Indonesia	$1,680	$70	$1,750	2.7%	1.0%	2.5%
11	Malaysia	$1,150	$150	$1,300	1.8%	2.1%	1.9%
12	Philippines	$1,180	$70	$1,250	1.9%	1.0%	1.8%
13	India	$950	$110	$1,060	1.5%	1.5%	1.5%
14	New Zealand	$640	$90	$730	1.0%	1.2%	1.0%
15	Mexico	$50	$480	$530	0.1%	6.6%	0.8%
16	UAE	$450	$50	$500	0.7%	0.7%	0.7%
17	Chile	$380	$80	$460	0.6%	1.1%	0.7%
18	Saudi Arabia	$380	$10	$390	0.6%	0.1%	0.6%
19	Nicaragua	$310	$0	$310	0.5%	0.0%	0.4%
20	Peru	$190	$50	$240	0.3%	0.7%	0.3%
21	Brazil	$190	$40	$230	0.3%	0.5%	0.3%
22	Pakistan	$200	$0	$200	0.3%	0.0%	0.3%
23	Bangladesh	$150	$40	$190	0.2%	0.5%	0.3%
24	Cambodia	$190	$0	$190	0.3%	0.0%	0.3%
25	Guatemala	$170	$10	$180	0.3%	0.1%	0.3%
30	Turkey	$130	$20	$150	0.2%	0.3%	0.2%
33	Russia	$90	$10	$100	0.1%	0.1%	0.1%
57	Canada	$0	$20	$20	0.0%	0.3%	0.0%
	Other	$2,100	$230	$2,330	3.3%	3.2%	3.3%
	Total	$62,700	$7,290	$69,990	100.0%	100.0%	100.0%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

China accounts for the largest share of containers exported the through San Pedro Bay ports, as shown in Table 1-9. China accounts for 30.5% of export TEUs.

Other countries that have imposed retaliatory tariffs account for smaller shares of San Pedro Bay export TEUs:

- The EU accounts for 2.2% of TEUs,
- India accounts for 1.3%,
- Turkey accounts for 0.1%, and
- Russia accounts for 0.1%.

Table 1-9: Source of San Pedro Bay Waterborne Exports – TEU

	Country	TEU (1,000's)	Share of Total
1	China	868.1	30.5%
2	Taiwan	331.3	11.6%
3	Republic of Korea	288.4	10.1%
4	Japan	286.8	10.1%
5	Vietnam	191.5	6.7%
6	Indonesia	147.2	5.2%
7	Malaysia	79.9	2.8%
8	Thailand	77.6	2.7%
9	Australia	76.1	2.7%
10	EU	63.4	2.2%
11	Singapore	56.6	2.0%
12	Philippines	49.9	1.8%
13	India	38.0	1.3%
14	Saudi Arabia	35.3	1.2%
15	United Arab Emirates	31.1	1.1%
16	Guam	21.9	0.8%
17	Chile	18.2	0.6%
18	New Zealand	16.9	0.6%
19	Pakistan	14.4	0.5%
20	Burma	12.0	0.4%
21	Bangladesh	9.2	0.3%
22	Cambodia	9.2	0.3%
23	El Salvador	8.4	0.3%
24	Guatemala	7.5	0.3%
25	Sri Lanka (Ceylon)	7.4	0.3%
33	Mexico	4.5	0.2%
34	Russia	4.0	0.1%
39	Turkey	3.4	0.1%
90	Canada	0.0	0.0%
	Other	88.1	3.1%
	Total	$2,847	100.0%

Source: BST Associates, data from PIERS
Note: rounding may result in slight variations in percentages or totals.

Impacts of Export Tariffs

The share of San Pedro Bay export cargo tonnage that is subject to retaliatory tariffs is estimated to be 31.6% of containerized tonnage, 15.9% of non-containerized tonnage, and 27.3% of total tonnage (See Table 1-10).

As described above, five countries or trading blocs have imposed retaliatory tariffs on exports from the United States: China, the EU, India, Russia, and Turkey. For all but China, these are in retaliation for the Section 232 tariffs on aluminum and steel. For China they are in retaliation for both the Section 232 and Section 301 tariffs. No other countries have imposed retaliatory tariffs as of this writing.

Nearly all of the exports to China that move through the San Pedro Bay ports are subject to retaliatory tariffs. For containerized exports, 98.9% of tonnage is subject to the Chinese retaliatory tariffs, and for non-containerized exports essentially 100.0% of tonnage is subject to the Chinese retaliatory tariffs.

For most of the other countries/blocs, relatively little of the exports moving through the San Pedro Bay ports is subject to the retaliatory tariffs. For containerized cargo:

- For Russia, 10.0% of containerized tonnage is subject to the tariffs, or approximately 1,000 metric tons.
- For India, 3.7% of containerized export tonnage is subject to the tariffs, or approximately 17,200 metric tons.
- For the EU, 1.3% of containerized export tonnage is subject to the tariffs, or approximately 5,400 metric tons.
- Turkey is the main exception: nearly 55% of containerized exports to Turkey are subject to the retaliatory tariffs, or approxiately 16,100 metric tons.
- The combined tonnage of these countries is approximately 39,700 metric tons, or just 0.4% of the impacted container tonnage.

In total, 31.6% of San Pedro Bay containerized export tonnage is subject to retaliatory tariffs. This is primarily due to China, which accounts for 31.8% of containerized tonnage. For non-containerized tonnage, 15.9% is subject to retaliatory tariffs.

For non-containerized tonnage, essentially none of the exports to the countries with retaliatory tariffs are impacted (other than China). For exports to China, essentially all non-containerizer commodities are subject to retaliatory tariffs.

Table 1-10: Impact of Tariffs on Waterborne Exports – Metric Tons

	Country	Total Trade (1,000 MT)			Impacted Trade (1,000 MT)			Share Impacted		
		Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total
1	China	9,703.7	1,809.9	11,513.6	9,594.2	1,807.2	11,401.4	98.9%	99.9%	99.0%
2	Japan	2,648.5	4,487.7	7,136.2	0.0	0.0	0.0	0.0%	0.0%	0.0%
3	Taiwan	3,711.1	331.7	4,042.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
4	Korea	2,749.0	882.8	3,631.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
5	Vietnam	2,467.0	288.2	2,755.2	0.0	0.0	0.0	0.0%	0.0%	0.0%
6	Indonesia	2,235.2	95.9	2,331.1	0.0	0.0	0.0	0.0%	0.0%	0.0%
7	Thailand	1,077.7	281.9	1,359.6	0.0	0.0	0.0	0.0%	0.0%	0.0%
8	Mexico	45.9	1,247.4	1,293.3	0.0	0.0	0.0	0.0%	0.0%	0.0%
9	Malaysia	924.2	200.1	1,124.3	0.0	0.0	0.0	0.0%	0.0%	0.0%
10	Australia	640.2	231.0	871.2	0.0	0.0	0.0	0.0%	0.0%	0.0%
11	India	461.3	290.5	751.8	17.2	2.5	19.7	3.7%	0.9%	2.6%
12	EU	402.9	314.9	717.8	5.4	0.4	5.8	1.3%	0.1%	0.8%
13	Philippines	614.8	19.3	634.1	0.0	0.0	0.0	0.0%	0.0%	0.0%
14	Saudi Arabia	560.6	3.0	563.6	0.0	0.0	0.0	0.0%	0.0%	0.0%
15	Singapore	345.7	16.7	362.4	0.0	0.0	0.0	0.0%	0.0%	0.0%
16	Chile	167.9	106.8	274.7	0.0	0.0	0.0	0.0%	0.0%	0.0%
17	UAE	223.2	49.6	272.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
18	Bangladesh	122.7	100.7	223.4	0.0	0.0	0.0	0.0%	0.0%	0.0%
19	Brazil	45.3	126.5	171.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
20	Myanmar	172.3	1.3	173.6	0.0	0.0	0.0	0.0%	0.0%	0.0%
21	New Zealand	130.0	19.7	149.7	0.0	0.0	0.0	0.0%	0.0%	0.0%
22	Pakistan	145.1	2.7	147.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
23	Peru	57.8	78.2	136.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
24	Colombia	66.2	55.6	121.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
25	Cambodia	86.7	1.7	88.4	0.0	0.0	0.0	0.0%	0.0%	0.0%
32	Canada	0.0	54.8	54.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
38	Turkey	29.5	3.8	33.3	16.1	1.6	17.8	54.6%	42.1%	53.5%
54	Russia	10.0	1.1	11.1	1.0	0.0	0.7	10.0%	0.0%	6.3%
	Other	670.8	306.0	976.8	0.0	0.0	0.0	0.0%	0.0%	0.0%
	Total	30,515.2	11,409.6	41,924.8	9,633.9	1,811.7	11,445.4	31.6%	15.9%	27.3%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

The share of San Pedro Bay export value that is subject to retaliatory tariffs is estimated to be 29.3% for containerized cargo, 23.9% for non-containerized cargo, and 28.8% of total cargo. (See Table 1-11).

As noted above, nearly all exports to China that move through the San Pedro Bay ports are subject to retaliatory tariffs. In terms of value, 96.4% of containerized value, 98.4% of non-containerized value, and 96.6% of total value to China are subject to the tariffs.

The combined value of exports that are subject to retaliatory tariffs from other countries is approximately $248 million for containerized cargo, $31 million for non-containerized cargo, and $279 million total. Approximately 0.6% of both containerized and non-containerized cargo from these countries is subject to the tariffs.

Table 1-11: Impact of Tariffs on Waterborne Exports – Value

	Country	Total Value ($ mil.)			Impacted Value ($ mil.,)			Share Impacted		
		Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total	Cont.	Non-Cont.	Total
1	China	$18,833.6	$1,750.3	$20,583.9	$18,156.6	$1,722.6	$19,879.1	96.4%	98.4%	96.6%
2	Japan	$8,651.3	$1,560.9	$10,212.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
3	Korea	$7,179.8	$697.4	$7,877.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
4	Australia	$4,688.6	$394.5	$5,083.1	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
5	Taiwan	$3,927.9	$438.6	$4,366.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
6	EU	$2,987.4	$398.6	$3,386.0	$71.2	$6.2	$77.4	2.4%	1.6%	2.3%
7	Vietnam	$2,477.4	$192.6	$2,670.0	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
8	Singapore	$1,782.9	$158.8	$1,941.6	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
9	Thailand	$1,594.2	$166.8	$1,761.0	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
10	Indonesia	$1,678.0	$72.8	$1,750.8	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
11	Malaysia	$1,147.7	$147.5	$1,295.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
12	Philippines	$1,182.0	$67.5	$1,249.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
13	India	$949.5	$112.8	$1,062.3	$82.9	$13.9	$96.8	8.7%	12.3%	9.1%
14	New Zealand	$640.3	$85.0	$725.4	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
15	Mexico	$52.5	$481.2	$533.7	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
16	UAE	$450.2	$48.3	$498.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
17	Chile	$380.5	$80.4	$460.9	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
18	Saudi Arabia	$377.2	$17.3	$394.5	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
19	Nicaragua	$305.1	$2.5	$307.6	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
20	Peru	$191.1	$45.5	$236.7	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
21	Brazil	$193.2	$33.1	$226.3	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
22	Pakistan	$195.1	$8.1	$203.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
23	Bangladesh	$148.9	$43.2	$192.1	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
24	Cambodia	$189.4	$4.2	$193.6	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
25	Guatemala	$166.9	$10.3	$177.2	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
30	Turkey	$129.9	$16.2	$146.1	$79.6	$9.7	$89.3	61.3%	59.9%	61.1%
33	Russia	$89.0	$8.4	$97.4	$13.8	$1.6	$15.3	15.5%	19.0%	15.7%
57	Canada	$0.0	$22.8	$22.8	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
	Other	$2,161.1	$281.5	$2,442.6	$0.0	$0.0	$0.0	0.0%	0.0%	0.0%
	Total	$62,750.5	$7,347.3	$70,097.8	$18,404.1	$1,754.0	$20,157.9	29.3%	23.9%	28.8%

Source: BST Associates, data from WISERTrade

According to analysis of the PIERS data, 0.73 million TEUs out of the 2.85 million TEUS exported through San Pedro Bay ports is subject to retaliatory tariffs, or 25.7% of the total.

As noted above, because of issues with the way PIERS assigns commodity codes, these figures are likely conservative. It is likely that the share of TEUs impacted by retaliatory tariffs is similar to that of tonnage and value, or approximately 30.0%.

Table 1-12: Impact of Tariffs on Waterborne Exports – TEU

	Country	Total TEU (1,000's)	Impacted TEU (1,000's)	Share Impacted
1	China	868.1	726.3	83.7%
2	Taiwan	331.3	-	0.0%
3	Korea	288.4	-	0.0%
4	Japan	286.8	-	0.0%
5	Vietnam	191.5	-	0.0%
6	Indonesia	147.2	-	0.0%
7	Malaysia	79.9	-	0.0%
8	Thailand	77.6	-	0.0%
9	Australia	76.1	-	0.0%
10	EU	63.4	1.2	1.9%
11	Singapore	56.6	-	0.0%
12	Philippines	49.9	-	0.0%
13	India	38.0	1.7	4.4%
14	Saudi Arabia	35.3	-	0.0%
15	UAE	31.1	-	0.0%
16	Guam	21.9	-	0.0%
17	Chile	18.2	-	0.0%
18	New Zealand	16.9	-	0.0%
19	Pakistan	14.4	-	0.0%
20	Myanmar	12.0	-	0.0%
21	Bangladesh	9.2	-	0.0%
22	Cambodia	9.2	-	0.0%
23	El Salvador	8.4	-	0.0%
24	Guatemala	7.5	-	0.0%
25	Sri Lanka	7.4	-	0.0%
33	Mexico	4.5	-	0.0%
34	Russia	4.0	0.0	0.2%
39	Turkey	3.4	1.8	51.9%
90	Canada	0.0	-	0.0%
	Other	88.1	-	0.0%
	Total	2,846.7	731.0	25.7%

Source: BST Associates, data from WISERTrade
Note: rounding may result in slight variations in percentages or totals.

Chapter 2.   STATE IMPACTS

Exports

Methodology

For every state, the value of trade subject to retaliatory tariffs was estimated based on the country of import and the commodity. These values were then summarized by industry group, using a concordance between Harmonized System commodity codes and NAICS industry codes.

Economic impact multipliers from the Bureau of Economic Analysis RIMS II model were used to estimate the economic impacts. The RIMS II model uses a different industry code than NAICS; in order to use the multipliers the NAICS-level trade values were converted to RIMS II industry codes using a concordance. The economic impact multipliers were then applied to the trade value to generate the economic impact estimates.

The primary sources of data used for the export analysis were WISERTrade export trade data and Bureau of Economic Analysis RIMS II impact multipliers.

Trade value data was obtained from WISERTrade. WISERTrade works with the U.S. Department of Commerce to develop a summary of export declaration data at the state level. Two data sets from WISERTrade were used in this analysis, one of which reports the total value of exports moving through each U.S. port from each state, and the other that reports total export value for each state and commodity. BST Associates created a concordance between the commodity codes in the WISERTrade data and the industry groups used in the RIMS II multipliers. State export values from the second WISERTrade data set were summarized by industry group, then allocated to the ports of Los Angeles and Long Beach based on the first WISERTrade data set.

For each state and commodity group, the economic impact of exports moving through the ports of Los Angeles and Long Beach were estimated combining the value estimates derived from the WISERTrade data and economic impact multipliers from the U.S. Bureau of Economic Analysis Regional Input-Output Modeling System (RIMS II) model. Impacts were calculated for output, income, and employment.

All of the trade values in this analysis are for containerized trade moving through the Port of Los Angeles and the Port of Long Beach in 2018. These values include only those exports that would have been subject to the recent rounds of retaliatory tariffs, as discussed in Chapter 1.

Details for each state and each type of impact are presented in the following sections.

Please note that totals may not add due to rounding.

Output

Output refers to the value of production (or sales) that is created within the economy by export trade; this is the **direct** output impact.

In addition to the direct impact of export sales, exports have broad impacts on the economy: export firms purchase inputs (materials, components, equipment) from their suppliers, and the value of these purchases constitutes the **indirect** impact of exports.

Employees of the exporters and supplier firms earn income, which they then use to purchase consumer goods and services. The value of these purchases comprises the **induced** impact of exports.

In this study, the total impact associated with exports (including direct, indirect and induced impacts) of exports was estimated using RIMS II multipliers The direct impact was estimated by summarizing the value of the export trade subject to tariffs (by state and industry), and then multiplying the direct inputs times the RIMS II multipliers (by state and industry). The multipliers estimate the total impacts (direct plus indirect plus induced).

The State of California is used as an example to illustrate the methodology. As shown in Table 2-1, an estimated $6.6 billion of goods produced in California and exported in containers through the ports of Los Angeles and Long Beach in 2018 would have been subject to the current export tariffs. The total output impact of this trade is nearly $13.4 billion, with a resulting average multiplier of 2.04. The value of trade, the multipliers, and the resulting total impacts are presented by industry sector in the table.

Table 2-1: Output Impacts by Industry, California Exports Shipped via San Pedro Bay Ports, 2018

Sector/Product	Exports ($ millions)	Output Multipliers	Total Output ($ millions)
Crop and animal production	$982.0	2.04	$2,006.3
Forestry, fishing, and related activities	$65.9	2.09	$137.4
Oil and gas extraction	$0.0	1.71	$0.0
Mining, except oil and gas	$5.2	1.92	$10.0
Wood product manufacturing	$32.1	2.15	$69.2
Nonmetallic mineral product manufacturing	$58.6	2.19	$128.3
Primary metal manufacturing	$88.5	1.93	$170.4
Fabricated metal product manufacturing	$186.1	2.08	$387.1
Machinery manufacturing	$641.8	2.10	$1,348.1
Computer and electronic product manufacturing	$388.5	2.14	$831.0
Electrical equipment and appliance manufacturing	$237.9	1.90	$453.1
Motor vehicle, body, trailer, and parts manufacturing	$516.0	1.90	$978.9
Other transportation equipment manufacturing	$11.7	2.25	$26.3
Furniture and related product manufacturing	$22.2	2.12	$47.1
Miscellaneous manufacturing	$230.8	2.00	$461.6
Food, beverage, and tobacco product manufacturing	$775.9	2.25	$1,746.3
Textile and textile product mills	$53.4	1.89	$101.1
Apparel, leather, and allied product manufacturing	$128.2	2.30	$294.4
Paper manufacturing	$58.7	1.93	$113.2
Printing and related support activities	$8.1	2.24	$18.2
Petroleum and coal products manufacturing	$46.8	1.54	$72.2
Chemical manufacturing	$957.6	1.91	$1,831.9
Plastics and rubber products manufacturing	$163.8	1.88	$307.3
Unknown	$900.8	2.07	$1,860.6
Total	$6,560.7	2.04	$13,400.0

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

A similar analysis was performed for each state, and shown in Table 2-2. In total, the value of San Pedro Bay containerized export trade that is subject to retaliatory tariffs is $20.2 billion. The total impact is $42.3 billion, and the national average multiplier is 2.10. In other words, every $1.00 in export trade produces $2.10 in total output.

Table 2-2: Output Impacts by State, Containerized Exports Shipped via San Pedro Bay Ports, 2018

State	Exports ($ mil.)	Output Multiplier	Total Output ($ mil.)	State	Exports ($ mil.)	Output Multiplier	Total Output ($ mil.)
Alabama	$100.9	2.16	$218.0	Montana	$3.2	1.85	$5.9
Alaska	$2.5	1.45	$3.7	Nebraska	$705.9	2.03	$1,436.4
Arizona	$306.3	1.77	$543.1	Nevada	$49.2	1.67	$82.3
Arkansas	$228.2	2.09	$477.1	New Hampshire	$5.1	1.84	$9.3
California	$6,560.7	2.04	$13,400.0	New Jersey	$93.9	1.96	$184.1
Colorado	$340.1	2.10	$713.7	New Mexico	$34.2	1.64	$56.2
Connecticut	$31.5	1.82	$57.4	New York	$122.2	1.76	$215.2
Delaware	$14.3	1.79	$25.5	North Carolina	$66.6	1.93	$128.6
Dist. of Columbia	$2.8	1.18	$3.3	North Dakota	$2.8	1.69	$4.8
Florida	$49.9	1.77	$88.4	Ohio	$900.3	2.25	$2,024.8
Georgia	$100.9	2.06	$207.9	Oklahoma	$148.7	2.01	$299.1
Hawaii	$1.0	1.64	$1.6	Oregon	$51.2	1.89	$96.9
Idaho	$40.5	1.79	$72.5	Pennsylvania	$182.7	2.13	$390.1
Illinois	$2,099.6	2.24	$4,693.3	Rhode Island	$20.7	1.70	$35.1
Indiana	$503.6	2.06	$1,037.5	South Carolina	$40.9	2.08	$85.2
Iowa	$498.3	1.96	$975.9	South Dakota	$11.8	1.93	$22.8
Kansas	$626.4	2.05	$1,281.8	Tennessee	$598.4	2.08	$1,242.1
Kentucky	$192.3	2.07	$397.6	Texas	$2,014.3	2.33	$4,690.7
Louisiana	$200.5	2.16	$432.9	Utah	$298.7	2.13	$635.9
Maine	$4.9	1.78	$8.8	Vermont	$0.8	1.64	$1.4
Maryland	$43.5	1.77	$76.9	Virginia	$47.8	1.83	$87.7
Massachusetts	$23.6	1.85	$43.8	Washington	$33.9	1.92	$65.1
Michigan	$919.0	2.16	$1,982.2	West Virginia	$138.0	1.95	$268.8
Minnesota	$515.6	2.04	$1,051.3	Wisconsin	$508.2	2.05	$1,043.9
Mississippi	$186.7	1.94	$361.4	Wyoming	$12.0	1.75	$21.0
Missouri	$472.5	2.13	$1,007.8	United States	$20,158.0	2.10	$42,296.9

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Income

Income impact refers to the earnings of workers. Total income impacts (direct, indirect and induced) were calculated using trade value as the direct impact (for each state and industry group), and multiplied by the RIMS II earnings multipliers to estimate the indirect and induced impacts.

In Table 2-3 the State of California is used as an example to illustrate the methodology. As shown in the table, the RIMS II input-output model estimates that there is $0.56 in total income in the crop and animal production industry for every $1.00 in sales. In 2018 an estimated $982 million of products from the crop and animal production industry group were produced in California and exported through the ports of Los Angeles and Long Beach, and would have been subject to the current retaliatory tariffs. The total income associated with the crop and animal production industry exports is $550 million.

Total exports from California subject to retaliatory tariffs were $6.6 billion in 2018, with a total income impact of nearly $3.4 billion and with an average multiplier of 0.51.

Table 2-3: Income Impacts by Industry, California Exports Shipped via San Pedro Bay Ports, 2018)

Sector/Product	Exports ($ mil.)	Income Multipliers	Total Income ($ mil.)
Crop and animal production	$982.0	0.56	$549.9
Forestry, fishing, and related activities	$65.9	0.91	$60.0
Oil and gas extraction	$0.0	0.33	$0.0
Mining, except oil and gas	$5.2	0.39	$2.0
Wood product manufacturing	$32.1	0.50	$16.2
Nonmetallic mineral product manufacturing	$58.6	0.48	$28.0
Primary metal manufacturing	$88.5	0.39	$34.6
Fabricated metal product manufacturing	$186.1	0.47	$88.3
Machinery manufacturing	$641.8	0.51	$325.3
Computer and electronic product manufacturing	$388.5	0.54	$209.6
Electrical equipment and appliance manufacturing	$237.9	0.43	$101.3
Motor vehicle, body, trailer, and parts manufacturing	$516.0	0.37	$191.2
Other transportation equipment manufacturing	$11.7	0.51	$5.9
Furniture and related product manufacturing	$22.2	0.52	$11.6
Miscellaneous manufacturing	$230.8	0.54	$124.4
Food, beverage, and tobacco product manufacturing	$775.9	0.49	$376.3
Textile and textile product mills	$53.4	0.48	$25.9
Apparel, leather, and allied product manufacturing	$128.2	0.72	$92.8
Paper manufacturing	$58.7	0.42	$24.5
Printing and related support activities	$8.1	0.58	$4.8
Petroleum and coal products manufacturing	$46.8	0.28	$13.2
Chemical manufacturing	$957.6	0.45	$435.2
Plastics and rubber products manufacturing	$163.8	0.39	$64.7
Unknown	$900.8	0.64	$573.4
Total	$6,560.7	0.51	$3,359.0

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Table 2-4 provides a summary estimate of the total income effects associated with the containerized exports that are subject to retaliatory tariffs, and move through the Ports of Los Angeles and Long Beach. Estimates are presented for each state. In total, the value of exports was $20.2 billion in 2018, which generated an estimated $10.1 billion in total income. The national average earnings multiplier was 0.50 (i.e., for every $1.00 in export trade, there was $0.50 in total income effects).

Table 2-4: Income Impacts by State, Containerized Exports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Income Multiplier	Total Income ($ mil.)	State	Direct Output ($ mil.)	Income Multiplier	Total Income ($ mil.)
Alabama	$100.9	0.47	$47.5	Montana	$3.2	0.39	$1.2
Alaska	$2.5	0.47	$1.2	Nebraska	$705.9	0.49	$348.9
Arizona	$306.3	0.45	$138.2	Nevada	$49.2	0.38	$18.9
Arkansas	$228.2	0.46	$104.7	New Hampshire	$5.1	0.42	$2.2
California	$6,560.7	0.51	$3,359.0	New Jersey	$93.9	0.46	$43.4
Colorado	$340.1	0.50	$171.0	New Mexico	$34.2	0.38	$13.1
Connecticut	$31.5	0.45	$14.0	New York	$122.2	0.44	$54.3
Delaware	$14.3	0.27	$3.8	North Carolina	$66.6	0.48	$31.9
Dist. of Columbia	$2.8	0.08	$0.2	North Dakota	$2.8	0.36	$1.0
Florida	$49.9	0.47	$23.3	Ohio	$900.3	0.53	$473.0
Georgia	$100.9	0.51	$51.6	Oklahoma	$148.7	0.45	$67.1
Hawaii	$1.0	0.45	$0.4	Oregon	$51.2	0.46	$23.4
Idaho	$40.5	0.45	$18.2	Pennsylvania	$182.7	0.48	$87.0
Illinois	$2,099.6	0.52	$1,099.9	Rhode Island	$20.7	0.40	$8.3
Indiana	$503.6	0.47	$234.8	South Carolina	$40.9	0.47	$19.2
Iowa	$498.3	0.44	$219.4	South Dakota	$11.8	0.44	$5.2
Kansas	$626.4	0.48	$300.9	Tennessee	$598.4	0.49	$292.8
Kentucky	$192.3	0.43	$82.1	Texas	$2,014.3	0.55	$1,100.6
Louisiana	$200.5	0.46	$92.2	Utah	$298.7	0.48	$142.9
Maine	$4.9	0.52	$2.6	Vermont	$0.8	0.40	$0.3
Maryland	$43.5	0.37	$16.2	Virginia	$47.8	0.41	$19.4
Massachusetts	$23.6	0.43	$10.2	Washington	$33.9	0.50	$17.0
Michigan	$919.0	0.51	$471.3	West Virginia	$138.0	0.35	$47.9
Minnesota	$515.6	0.50	$255.6	Wisconsin	$508.2	0.49	$249.3
Mississippi	$186.7	0.40	$74.2	Wyoming	$12.0	0.32	$3.9
Missouri	$472.5	0.44	$209.7	United States	$20,158.0	0.50	$10,074.6

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Employment

Total employment impacts (direct, indirect and induced) were also estimated using RIMS II employment multipliers.

Again, using California as an example, the RIMS II input-output model estimates that in 2018 there were 15.17 jobs in the crop and animal production industry for every $1,000,000 in sales (i.e. exports). As shown in Table 2-5, the $982 million of export sales subject to retaliatory tariffs from crop and animal production supported an estimated 14,540 jobs. Across all sectors, the ports of Los Angeles and Long Beach handled $6.6 billion (subject to retaliatory tariffs) in California exports in 2018, with a total employment impact of 67,480 jobs.

Table 2-5: Employment Impacts by Industry, California Exports Shipped via San Pedro Bay Ports, 2018

Sector/Product	Exports ($ millions)	Employment Multipliers	Total Employment
Crop and animal production	$982.0	15.17	14,540
Forestry, fishing, and related activities	$65.9	24.30	1,560
Oil and gas extraction	$0.0	5.84	0
Mining, except oil and gas	$5.2	8.90	50
Wood product manufacturing	$32.1	11.43	360
Nonmetallic mineral product manufacturing	$58.6	9.04	520
Primary metal manufacturing	$88.5	7.29	630
Fabricated metal product manufacturing	$186.1	9.19	1,670
Machinery manufacturing	$641.8	8.68	5,440
Computer and electronic product manufacturing	$388.5	7.83	2,970
Electrical equipment and appliance manufacturing	$237.9	7.70	1,790
Motor vehicle, body, trailer, and parts manufacturing	$516.0	6.67	3,360
Other transportation equipment manufacturing	$11.7	7.90	90
Furniture and related product manufacturing	$22.2	11.23	240
Miscellaneous manufacturing	$230.8	9.92	2,230
Food, beverage, and tobacco product manufacturing	$775.9	10.39	7,870
Textile and textile product mills	$53.4	11.11	580
Apparel, leather, and allied product manufacturing	$128.2	19.10	2,390
Paper manufacturing	$58.7	7.52	430
Printing and related support activities	$8.1	12.71	100
Petroleum and coal products manufacturing	$46.8	3.85	180
Chemical manufacturing	$957.6	6.94	6,490
Plastics and rubber products manufacturing	$163.8	7.65	1,220
Unknown	$900.8	14.53	12,780
Total	$6,560.7	10.29	67,480

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs. Note: rounding may result in slight variations in percentages or totals.

Table 2-6 provides state-level estimates of the employment impacts, for containerized exports that are subject to retaliatory tariffs and that move through the San Pedro Bay ports. As shown in the table, the total value of this trade was $20.2 billion in 2018, which supported an estimated 206,790 jobs.

The average employment multiplier was 10.26 (including direct, indirect and induced effects), which means that every $1,000,000 of containerized exports supports 10.26 jobs in the United States.

Table 2-6: Employment Impacts by State, Containerized Exports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Emp. Multiplier	Total Jobs	State	Direct Output ($ mil.)	Emp. Multiplier	Total Jobs
Alabama	$100.9	10.30	1,040	Montana	$3.2	9.35	30
Alaska	$2.5	11.84	30	Nebraska	$705.9	11.47	8,100
Arizona	$306.3	9.99	3,060	Nevada	$49.2	7.93	390
Arkansas	$228.2	11.09	2,530	New Hampshire	$5.1	7.87	40
California	$6,560.7	10.29	67,480	New Jersey	$93.9	9.16	860
Colorado	$340.1	11.14	3,790	New Mexico	$34.2	9.35	320
Connecticut	$31.5	8.25	260	New York	$122.2	9.33	1,140
Delaware	$14.3	4.89	70	North Carolina	$66.6	9.76	650
Dist. of Columbia	$2.8	0.00	0	North Dakota	$2.8	7.07	20
Florida	$49.9	11.22	560	Ohio	$900.3	11.15	10,040
Georgia	$100.9	11.30	1,140	Oklahoma	$148.7	11.03	1,640
Hawaii	$1.0	10.10	10	Oregon	$51.2	10.73	550
Idaho	$40.5	10.63	430	Pennsylvania	$182.7	9.14	1,670
Illinois	$2,099.6	9.85	20,690	Rhode Island	$20.7	9.18	190
Indiana	$503.6	8.78	4,420	South Carolina	$40.9	10.02	410
Iowa	$498.3	9.87	4,920	South Dakota	$11.8	10.15	120
Kansas	$626.4	11.08	6,940	Tennessee	$598.4	10.04	6,010
Kentucky	$192.3	9.00	1,730	Texas	$2,014.3	10.47	21,100
Louisiana	$200.5	12.87	2,580	Utah	$298.7	10.75	3,210
Maine	$4.9	14.17	70	Vermont	$0.8	11.82	10
Maryland	$43.5	7.35	320	Virginia	$47.8	9.41	450
Massachusetts	$23.6	7.63	180	Washington	$33.9	12.10	410
Michigan	$919.0	9.95	9,140	West Virginia	$138.0	6.81	940
Minnesota	$515.6	9.89	5,100	Wisconsin	$508.2	10.62	5,400
Mississippi	$186.7	9.37	1,750	Wyoming	$12.0	5.82	70
Missouri	$472.5	10.03	4,740	United States	$20,158.0	10.26	206,790

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Tax Revenues

The international trade moving through the Ports of Los Angeles and Long Beach generates state and local taxes, in the states and localities where the goods are shipped or received. These taxes include: sales taxes (including general, gasoline, alcoholic beverages, tobacco, public utilities, insurance receipts and other taxes), local taxes (including property, general, public utilities, and other taxes), motor vehicle licenses, and other taxes.

Table 2-7 provides a summary estimate of the state and local taxes associated with the containerized export trade that is subject to retaliatory tariffs and moves through the San Pedro Bay ports. In 2018 the value of these exports was $20.2 billion, which generated an estimated $868 million in state and local taxes. On a national basis, the effective tax rate was 4.3%.

Table 2-7: State & Local Tax Impacts by State, Containerized Exports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Estimated Tax Rate	S & L Tax ($ mil.)	State	Direct Output ($ mil.)	Estimated Tax Rate	S & L Tax ($ mil.)
Alabama	$100.9	4.3%	$4.3	Montana	$3.2	5.0%	$0.2
Alaska	$2.5	4.5%	$0.1	Nebraska	$705.9	4.6%	$32.5
Arizona	$306.3	4.3%	$13.2	Nevada	$49.2	5.4%	$2.7
Arkansas	$228.2	4.5%	$10.3	New Hampshire	$5.1	4.4%	$0.2
California	$6,560.7	4.1%	$269.0	New Jersey	$93.9	12.5%	$11.8
Colorado	$340.1	4.1%	$13.9	New Mexico	$34.2	6.7%	$2.3
Connecticut	$31.5	3.6%	$1.1	New York	$122.2	0.0%	$0.0
Delaware	$14.3	4.2%	$0.6	North Carolina	$66.6	3.5%	$2.3
Dist. of Columbia	$2.8	0.0%	$0.0	North Dakota	$2.8	6.7%	$0.2
Florida	$49.9	4.9%	$2.4	Ohio	$900.3	4.0%	$36.0
Georgia	$100.9	3.6%	$3.6	Oklahoma	$148.7	4.1%	$6.1
Hawaii	$1.0	5.4%	$0.1	Oregon	$51.2	3.7%	$1.9
Idaho	$40.5	4.4%	$1.8	Pennsylvania	$182.7	4.4%	$8.0
Illinois	$2,099.6	4.6%	$96.6	Rhode Island	$20.7	5.0%	$1.0
Indiana	$503.6	3.5%	$17.6	South Carolina	$40.9	4.5%	$1.8
Iowa	$498.3	4.8%	$23.9	South Dakota	$11.8	4.8%	$0.6
Kansas	$626.4	4.5%	$28.2	Tennessee	$598.4	4.4%	$26.3
Kentucky	$192.3	4.5%	$8.7	Texas	$2,014.3	4.9%	$98.7
Louisiana	$200.5	4.7%	$9.4	Utah	$298.7	3.7%	$11.1
Maine	$4.9	6.7%	$0.3	Vermont	$0.8	7.5%	$0.1
Maryland	$43.5	3.9%	$1.7	Virginia	$47.8	4.0%	$1.9
Massachusetts	$23.6	3.9%	$0.9	Washington	$33.9	4.8%	$1.6
Michigan	$919.0	3.5%	$32.2	West Virginia	$138.0	5.7%	$7.9
Minnesota	$515.6	4.4%	$22.7	Wisconsin	$508.2	4.2%	$21.3
Mississippi	$186.7	6.1%	$11.4	Wyoming	$12.0	6.7%	$0.8
Missouri	$472.5	3.4%	$16.1	United States	$20,158.0	4.3%	$867.5

Source: BST Associates using data from WISERTrade and U.S. Bureau of Economic Analysis. Export values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Imports

Methodology

The methodology used for estimating the economic impact of imports was similar to that used for exports, in that RIMS II multipliers were used to convert the value of trade goods into jobs, income, and output. However, there are also important differences in the methodology used in determining the values used as inputs to the impact calculations.

For exports, the total value of the goods exported was used. Imports tend to have a more limited impact on a per-dollar basis, because they do not require as many inputs as exports. For example, exports require the purchase of raw materials, transportation of materials to the manufacturer, labor and capital to manufacture the goods, and transportation of finished goods from the manufacturer. In contrast, imports primarily require wholesale distribution to retailers or manufacturers, and labor and capital associated with retail sales.

Wholesale & Retail Margins

In order to assure that the impact estimates for imports focused on just wholesale and retail trade, two steps were used to convert the value of containerized imports into wholesale and retail figures. The first step was to classify imports as being destined for retail trade or for use in the production of goods. Then, margins were applied to determine the share of import value associated with retail and production uses. Specifically, the wholesale margin was applied to all commodities, while the retail margin was applied to only those goods destined for retail trade.

In order to estimate state level economic impacts from wholesale and retail trade, it is necessary to distinguish the value created by the retailer and wholesaler from that of the manufacturer that made the item. In an input-output model, this is accomplished by adding appropriate margins to the producer price (price at the factory) to yield the price paid by the consumer (purchaser price). The purchaser price = producer price + transportation margin + wholesale margin + retail margin. (This will help in understanding Table 2-8).

To estimate multiplier effects of retail purchases, the portion of the sale accruing to the retailer, wholesaler, shipper and manufacturer must be separated. The retail margin goes to the retail trade sector, while the producer price accrues to the manufacturer of the item. Imports are manufactured overseas and thus only the retail, wholesale and transportation margins will accrue to the state as direct sales. In this analysis, only wholesale and retail output was included. Most of the transportation activity associated with Port activity in Los Angeles and Long Beach is local, accruing to the counties immediately surrounding the Ports. These impacts have been calculated separately by the Ports of Los Angeles and Long Beach.

It is critical to note that the resulting impacts do not include the jobs, wages, and output of the industries (i.e. manufacturing) that use the imported products as an input. In order to calculate those impacts it would be necessary to know what share of each commodity was used by each possible industry in each state. That information is not available, and calculating those impacts are beyond the scope of this analysis. If it were possible to calculate those impacts, they would undoubtedly be substantially greater than the impacts of just the wholesale and retail sectors presented here.

Wholesale & Retail Direct Output

Table 2-8 presents a summary of the combined wholesale and retail margins associated with the containerized imports moving through the Ports of Los Angeles and Long Beach and that are subject to the tariffs. The resulting direct output values are the figures used as inputs to the economic impact calculations. For example, the total value of imports destined for California in 2018 and subject to tariffs was estimated to be $42.5 billion. The average combined wholesale and retail margin for these goods is 0.49, resulting in estimated direct output of $20.7 billion.

The margin in California is relatively high, because of the larger share of wholesale activity that occurs in California relative to other states. Nationally, for those commodities subject to the import tariffs the average margin is 0.45, and the $158.8 billion in imported goods create a calculated direct output of $71.9 billion.

Table 2-8: Direct Output Associated with Imports Moving via San Pedro Bay Ports, 2018

State	Imports ($ mil.)	Margin	Direct Output ($ mil.)	State	Imports ($ mil.)	Margin	Direct Output ($ mil.)
Alabama	$417.9	0.43	$180.3	Montana	$802.2	0.46	$366.0
Alaska	$550.9	0.37	$201.9	Nebraska	$1,626.3	0.42	$681.2
Arizona	$7,366.1	0.44	$3,242.2	Nevada	$3,203.6	0.43	$1,380.4
Arkansas	$2,198.7	0.44	$958.5	New Hampshire	$107.5	0.39	$42.3
California	$42,493.5	0.49	$20,734.1	New Jersey	$611.9	0.44	$269.4
Colorado	$4,454.1	0.44	$1,977.2	New Mexico	$1,364.5	0.47	$647.4
Connecticut	$267.5	0.41	$110.1	New York	$1,324.5	0.44	$589.2
Delaware	$68.5	0.43	$29.4	North Carolina	$857.1	0.44	$379.1
Dist. of Columbia	$42.3	0.49	$20.7	North Dakota	$681.8	0.40	$272.4
Florida	$1,556.0	0.48	$751.6	Ohio	$8,555.5	0.44	$3,783.4
Georgia	$831.1	0.46	$379.3	Oklahoma	$2,836.0	0.44	$1,249.3
Hawaii	$925.2	0.41	$381.5	Oregon	$93.0	0.45	$41.9
Idaho	$1,417.2	0.43	$613.4	Pennsylvania	$985.4	0.40	$397.1
Illinois	$8,816.7	0.46	$4,067.4	Rhode Island	$77.1	0.42	$32.4
Indiana	$5,312.6	0.42	$2,211.9	South Carolina	$424.5	0.44	$186.3
Iowa	$2,446.7	0.42	$1,036.7	South Dakota	$738.0	0.42	$311.0
Kansas	$2,134.0	0.44	$942.7	Tennessee	$568.2	0.44	$248.4
Kentucky	$3,229.5	0.45	$1,441.7	Texas	$20,307.9	0.45	$9,055.0
Louisiana	$3,356.0	0.44	$1,477.0	Utah	$2,650.5	0.42	$1,114.8
Maine	$100.6	0.41	$41.3	Vermont	$49.7	0.39	$19.6
Maryland	$413.8	0.44	$182.6	Virginia	$607.3	0.43	$259.6
Massachusetts	$508.4	0.42	$211.9	Washington	$163.1	0.46	$74.8
Michigan	$7,344.0	0.44	$3,238.4	West Virginia	$135.1	0.41	$55.6
Minnesota	$4,117.4	0.44	$1,817.3	Wisconsin	$4,624.5	0.42	$1,922.6
Mississippi	$244.3	0.45	$108.8	Wyoming	$503.2	0.41	$205.6
Missouri	$4,251.2	0.46	$1,957.1	United States	$158,762.6	0.45	$71,899.7

Source: BST Associates, using data from PIERS and U.S. Bureau of Economic Analysis. Import values are those subject to retaliatory tariffs.
Note: rounding may result in slight variations in percentages or totals.

Total Output

Output refers to the value of production (or sales) that is created within the domestic economy by import trade. The estimated direct output associated with import trade was estimated by applying wholesale and retail trade margins to the import value, in the previous step. Applying RIMS II multipliers to this direct output produces an estimate of the total output associated with the imports. As described previously in this document, the total output combines direct output with indirect and induced outputs. (The value of other purchases by firms using inputs, such as materials, components, and equipment, comprise the indirect impact of imports. In addition, when employees of the importing firms and their suppliers spend wages on consumer goods and services this creates induced impacts).

As shown in Table 2-9, the $71.9 billion in direct output creates total output nationwide of $143.8 billion, with an average output multiplier of 2.00.

Table 2-9: Total Output Associated with Imports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Income Multiplier	Total Output ($ mil.)	State	Direct Output ($ mil.)	Income Multiplier	Total Output ($ mil.)
Alabama	$180.3	1.83	$330.3	Montana	$366.0	1.65	$602.8
Alaska	$201.9	1.66	$334.7	Nebraska	$681.2	1.82	$1,240.2
Arizona	$3,242.2	1.97	$6,382.4	Nevada	$1,380.4	1.83	$2,526.3
Arkansas	$958.5	1.76	$1,689.7	New Hampshire	$42.3	1.78	$75.2
California	$20,734.1	2.04	$42,235.3	New Jersey	$269.4	2.03	$546.2
Colorado	$1,977.2	2.09	$4,139.3	New Mexico	$647.4	1.66	$1,073.3
Connecticut	$110.1	1.84	$202.6	New York	$589.2	1.85	$1,087.1
Delaware	$29.4	1.72	$50.5	North Carolina	$379.1	2.00	$757.2
Dist. of Columbia	$20.7	1.29	$26.6	North Dakota	$272.4	1.66	$451.3
Florida	$751.6	1.98	$1,485.7	Ohio	$3,783.4	2.03	$7,692.3
Georgia	$379.3	2.15	$816.8	Oklahoma	$1,249.3	1.86	$2,326.7
Hawaii	$381.5	1.80	$688.1	Oregon	$41.9	1.85	$77.5
Idaho	$613.4	1.69	$1,038.5	Pennsylvania	$397.1	2.01	$798.0
Illinois	$4,067.4	2.18	$8,861.1	Rhode Island	$32.4	1.72	$55.9
Indiana	$2,211.9	1.92	$4,249.0	South Carolina	$186.3	1.92	$357.9
Iowa	$1,036.7	1.74	$1,806.4	South Dakota	$311.0	1.67	$520.0
Kansas	$942.7	1.87	$1,767.4	Tennessee	$248.4	2.08	$517.1
Kentucky	$1,441.7	1.84	$2,653.2	Texas	$9,055.0	2.21	$19,974.5
Louisiana	$1,477.0	1.79	$2,646.2	Utah	$1,114.8	2.06	$2,294.5
Maine	$41.3	1.80	$74.3	Vermont	$19.6	1.64	$32.2
Maryland	$182.6	1.87	$341.5	Virginia	$259.6	1.92	$499.0
Massachusetts	$211.9	1.87	$396.7	Washington	$74.8	1.86	$139.5
Michigan	$3,238.4	1.94	$6,289.3	West Virginia	$55.6	1.61	$89.6
Minnesota	$1,817.3	1.98	$3,594.6	Wisconsin	$1,922.6	1.86	$3,578.5
Mississippi	$108.8	1.73	$187.8	Wyoming	$205.6	1.55	$319.5
Missouri	$1,957.1	1.98	$3,872.7	United States	$71,899.7	2.00	$143,793.2

Source: BST Associates, using data from PIERS and U.S. Bureau of Economic Analysis. Based on imports subject to recent tariffs.
Note: rounding may result in slight variations in percentages or totals.

Income

Table 2-10 presents a summary of the total income, by state, associated with the containerized imports that are subject to recent tariffs and that move via San Pedro Bay ports. For example, in California the income multiplier of 0.66 means that for every $1.00 in direct output, $0.66 of income is generated. Applying this multiplier to the estimated direct output of wholesale and retail trade activity associated with imports of $20.7 billion, the total estimated income impact in California is $13.9 billion.

Nationwide the income multiplier is 0.65, and the $71.9 billion in direct output is estimated to generate $47.0 billion of income.

Table 2-10: Income Impacts by State, Containerized Imports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Income Multiplier	Total Income ($ mil.)	State	Direct Output ($ mil.)	Income Multiplier	Total Income ($ mil.)
Alabama	$180.3	0.60	$108.8	Montana	$366.0	0.56	$206.5
Alaska	$201.9	0.56	$113.8	Nebraska	$681.2	0.60	$406.0
Arizona	$3,242.2	0.66	$2,128.8	Nevada	$1,380.4	0.61	$840.9
Arkansas	$958.5	0.58	$557.0	New Hampshire	$42.3	0.55	$23.4
California	$20,734.1	0.67	$13,881.9	New Jersey	$269.4	0.62	$166.6
Colorado	$1,977.2	0.69	$1,373.7	New Mexico	$647.4	0.56	$360.1
Connecticut	$110.1	0.58	$64.2	New York	$589.2	0.56	$331.3
Delaware	$29.4	0.47	$13.8	North Carolina	$379.1	0.65	$247.8
Dist. of Columbia	$20.7	0.15	$3.1	North Dakota	$272.4	0.52	$140.5
Florida	$751.6	0.66	$497.0	Ohio	$3,783.4	0.66	$2,487.2
Georgia	$379.3	0.70	$265.6	Oklahoma	$1,249.3	0.62	$777.0
Hawaii	$381.5	0.60	$230.7	Oregon	$41.9	0.59	$24.9
Idaho	$613.4	0.57	$348.9	Pennsylvania	$397.1	0.64	$254.2
Illinois	$4,067.4	0.69	$2,823.3	Rhode Island	$32.4	0.51	$16.5
Indiana	$2,211.9	0.62	$1,368.8	South Carolina	$186.3	0.62	$116.0
Iowa	$1,036.7	0.57	$587.2	South Dakota	$311.0	0.56	$173.7
Kansas	$942.7	0.57	$533.6	Tennessee	$248.4	0.66	$162.9
Kentucky	$1,441.7	0.58	$829.1	Texas	$9,055.0	0.72	$6,515.6
Louisiana	$1,477.0	0.60	$891.2	Utah	$1,114.8	0.68	$760.9
Maine	$41.3	0.61	$25.2	Vermont	$19.6	0.53	$10.5
Maryland	$182.6	0.58	$106.0	Virginia	$259.6	0.61	$157.7
Massachusetts	$211.9	0.59	$124.8	Washington	$74.8	0.61	$45.8
Michigan	$3,238.4	0.65	$2,112.4	West Virginia	$55.6	0.51	$28.1
Minnesota	$1,817.3	0.64	$1,171.8	Wisconsin	$1,922.6	0.62	$1,191.9
Mississippi	$108.8	0.56	$61.0	Wyoming	$205.6	0.52	$107.1
Missouri	$1,957.1	0.61	$1,198.1	United States	$71,899.7	0.65	$46,972.9

Source: BST Associates, using data from PIERS and U.S. Bureau of Economic Analysis. Based on imports subject to recent tariffs.
Note: rounding may result in slight variations in percentages or totals.

Employment

Table 2-11 presents a summary of the estimated total employment associated with the imports subject to the recent tariffs. These impacts are based on the wholesale and retail value associated with imports moving via the Ports of Los Angeles and Long Beach, for each state.

As an example, in California the $20.7 billion in imports supports estimated total employment (from wholesale and retail trade activity) of 333,220 jobs. The average multiplier of 16.07 means that every $1 million in direct output supports 16.07 jobs.

Nationally, the average employment multiplier is 17.52, and the $71.9 billion in direct output (associated with containerized imports moving through San Pedro Bay ports) supported an estimated 1.26 million jobs in 2018.

Table 2-11: Employment Impacts by State, Containerized Imports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Emp. Multiplier	Total Jobs	State	Direct Output ($ mil.)	Emp. Multiplier	Total Jobs
Alabama	$180.3	18.80	3,390	Montana	$366.0	17.46	6,390
Alaska	$201.9	15.80	3,190	Nebraska	$681.2	18.11	12,340
Arizona	$3,242.2	18.42	59,730	Nevada	$1,380.4	17.45	24,090
Arkansas	$958.5	17.39	16,670	New Hampshire	$42.3	15.35	650
California	$20,734.1	16.07	333,220	New Jersey	$269.4	15.89	4,280
Colorado	$1,977.2	18.71	36,990	New Mexico	$647.4	17.35	11,230
Connecticut	$110.1	14.81	1,630	New York	$589.2	14.68	8,650
Delaware	$29.4	13.93	410	North Carolina	$379.1	18.94	7,180
Dist. of Columbia	$20.7	4.35	90	North Dakota	$272.4	14.83	4,040
Florida	$751.6	19.55	14,690	Ohio	$3,783.4	19.25	72,830
Georgia	$379.3	20.06	7,610	Oklahoma	$1,249.3	18.43	23,030
Hawaii	$381.5	17.14	6,540	Oregon	$41.9	16.22	680
Idaho	$613.4	17.04	10,450	Pennsylvania	$397.1	18.08	7,180
Illinois	$4,067.4	17.72	72,070	Rhode Island	$32.4	13.89	450
Indiana	$2,211.9	17.84	39,470	South Carolina	$186.3	19.17	3,570
Iowa	$1,036.7	17.62	18,270	South Dakota	$311.0	16.79	5,220
Kansas	$942.7	16.97	16,000	Tennessee	$248.4	16.95	4,210
Kentucky	$1,441.7	17.81	25,680	Texas	$9,055.0	18.63	168,730
Louisiana	$1,477.0	17.54	25,900	Utah	$1,114.8	18.90	21,070
Maine	$41.3	18.90	780	Vermont	$19.6	16.36	320
Maryland	$182.6	15.61	2,850	Virginia	$259.6	17.49	4,540
Massachusetts	$211.9	15.48	3,280	Washington	$74.8	15.63	1,170
Michigan	$3,238.4	18.63	60,340	West Virginia	$55.6	16.36	910
Minnesota	$1,817.3	17.55	31,890	Wisconsin	$1,922.6	18.01	34,630
Mississippi	$108.8	17.38	1,890	Wyoming	$205.6	15.95	3,280
Missouri	$1,957.1	18.52	36,250	United States	$71,899.7	17.52	1,259,970

Source: BST Associates, using data from PIERS and U.S. Bureau of Economic Analysis. Based on imports subject to recent tariffs.
Note: rounding may result in slight variations in percentages or totals.

Tax Revenues

As described above, the activities associated with international trade generate various taxes at the state and local level, including sales tax, property tax, and others.

Using California as an example, the state and local tax associated with the $20.7 billion in imports subject to the new tariffs was estimated to be $5.4 billion in 2018, as shown in Table 2-12. The estimated tax rate of all state and local taxes associated with containerized imports for California was 26.0% of output.

The combined state and local tax rates vary widely among the states, from a low of 4.4% in Oregon to a high of 33.7% in Louisiana, with a national average of 26.5%. The $71.9 billion of direct output associated containerized imports that are subject to the import tariffs and that moved through San Pedro Bay ports 2018 is associated with an estimated $19.0 billion in state and local taxes.

Table 2-12: State & Local Tax Impacts by State, Containerized Imports Shipped via San Pedro Bay Ports, 2018

State	Direct Output ($ mil.)	Estimated Tax Rate	S & L Tax ($ mil.)	State	Direct Output ($ mil.)	Estimated Tax Rate	S & L Tax ($ mil.)
Alabama	$180.3	29.3%	$52.9	Montana	$366.0	6.4%	$23.3
Alaska	$201.9	11.6%	$23.3	Nebraska	$681.2	25.5%	$174.0
Arizona	$3,242.2	29.8%	$964.8	Nevada	$1,380.4	30.4%	$419.6
Arkansas	$958.5	31.6%	$302.9	New Hampshire	$42.3	5.4%	$2.3
California	$20,734.1	26.0%	$5,386.1	New Jersey	$269.4	26.0%	$70.0
Colorado	$1,977.2	27.2%	$537.7	New Mexico	$647.4	30.2%	$195.8
Connecticut	$110.1	22.9%	$25.2	New York	$589.2	32.4%	$191.1
Delaware	$29.4	5.3%	$1.6	North Carolina	$379.1	22.9%	$86.8
Dist. of Columbia	$20.7	24.0%	$5.0	North Dakota	$272.4	27.5%	$74.9
Florida	$751.6	25.0%	$187.6	Ohio	$3,783.4	25.2%	$952.0
Georgia	$379.3	23.9%	$90.5	Oklahoma	$1,249.3	29.8%	$372.9
Hawaii	$381.5	21.3%	$81.1	Oregon	$41.9	4.4%	$1.8
Idaho	$613.4	23.0%	$141.4	Pennsylvania	$397.1	23.7%	$94.2
Illinois	$4,067.4	30.7%	$1,249.2	Rhode Island	$32.4	26.7%	$8.6
Indiana	$2,211.9	23.6%	$522.6	South Carolina	$186.3	25.1%	$46.8
Iowa	$1,036.7	24.8%	$256.9	South Dakota	$311.0	24.4%	$76.0
Kansas	$942.7	30.1%	$283.8	Tennessee	$248.4	30.6%	$76.0
Kentucky	$1,441.7	22.6%	$325.6	Texas	$9,055.0	28.9%	$2,613.7
Louisiana	$1,477.0	33.7%	$497.1	Utah	$1,114.8	24.1%	$268.8
Maine	$41.3	24.3%	$10.0	Vermont	$19.6	26.9%	$5.3
Maryland	$182.6	22.7%	$41.5	Virginia	$259.6	21.6%	$55.9
Massachusetts	$211.9	23.1%	$48.9	Washington	$74.8	30.9%	$23.1
Michigan	$3,238.4	21.3%	$688.8	West Virginia	$55.6	25.6%	$14.2
Minnesota	$1,817.3	26.4%	$479.8	Wisconsin	$1,922.6	20.1%	$385.8
Mississippi	$108.8	26.3%	$28.6	Wyoming	$205.6	23.9%	$49.0
Missouri	$1,957.1	27.3%	$533.9	United States	$71,899.7	26.5%	$19,048.9

Source: BST Associates, using data from Ernst & Young Tax Policy Institute. Based on imports subject to recent tariffs.
Note: rounding may result in slight variations in percentages or totals.

Total Jobs by State

Table 2-13 presents, for each state, the total employment associated with exports and imports that are subject to the recent imports and exports tariffs, and that move via the Ports of Los Angeles and Long Beach Bay ports.

Table 2-13: Total Employment by State, Containerized Trade Shipped via San Pedro Bay Ports, 2018

State	Exports	Imports	Total	State	Exports	Imports	Total
Alabama	1,040	3,390	4,430	Montana	30	6,390	6,420
Alaska	30	3,190	3,220	Nebraska	8,100	12,340	20,440
Arizona	3,060	59,730	62,790	Nevada	390	24,090	24,480
Arkansas	2,530	16,670	19,200	New Hampshire	40	650	690
California	67,480	333,220	400,700	New Jersey	860	4,280	5,140
Colorado	3,790	36,990	40,780	New Mexico	320	11,230	11,550
Connecticut	260	1,630	1,890	New York	1,140	8,650	9,790
Delaware	70	410	480	North Carolina	650	7,180	7,830
Dist. of Columbia	0	90	90	North Dakota	20	4,040	4,060
Florida	560	14,690	15,250	Ohio	10,040	72,830	82,870
Georgia	1,140	7,610	8,750	Oklahoma	1,640	23,030	24,670
Hawaii	10	6,540	6,550	Oregon	550	680	1,230
Idaho	430	10,450	10,880	Pennsylvania	1,670	7,180	8,850
Illinois	20,690	72,070	92,760	Rhode Island	190	450	640
Indiana	4,420	39,470	43,890	South Carolina	410	3,570	3,980
Iowa	4,920	18,270	23,190	South Dakota	120	5,220	5,340
Kansas	6,940	16,000	22,940	Tennessee	6,010	4,210	10,220
Kentucky	1,730	25,680	27,410	Texas	21,100	168,730	189,830
Louisiana	2,580	25,900	28,480	Utah	3,210	21,070	24,280
Maine	70	780	850	Vermont	10	320	330
Maryland	320	2,850	3,170	Virginia	450	4,540	4,990
Massachusetts	180	3,280	3,460	Washington	410	1,170	1,580
Michigan	9,140	60,340	69,480	West Virginia	940	910	1,850
Minnesota	5,100	31,890	36,990	Wisconsin	5,400	34,630	40,030
Mississippi	1,750	1,890	3,640	Wyoming	70	3,280	3,350
Missouri	4,740	36,250	40,990	United States	206,790	1,259,970	1,466,760

Source: BST Associates, using data from PIERS and U.S. Bureau of Economic Analysis
Note: rounding may result in slight variations in percentages or totals.

Chapter 3.   POLITICAL DISTRICT TRADE VALUE

BST Associates prepared an analysis of trade moving through the Ports of Los Angeles and Long Beach for all 435 U.S. Congressional districts. This analysis included an estimate of the value of both exports and imports moving through the two ports, by firms in each district.

Methodology

The methodology used in this analysis is substantially different than that used for calculating statewide economic impacts. As a result, the results are not directly comparable.

Although the allocations by state methodology employed in the analysis produces valid statewide results, the same allocation methodology becomes far less accurate when applying it to smaller geographic areas.

The primary difference in methodology is that the statewide economic impact calculations were based on 1) estimated demand for imports in each state, and 2) allocated export values. The congressional district values in this section are not based on any allocation to states, but are instead based on the address information included in trade data from PIERS. **At the Congressional district level, firms are identified that are engaged in the container transaction. However, this does not necessarily mean that the product in the container is consumed or used in that district.** As a result, calculating the congressional district total for each state will not produce the same trade figures as those used in the impact estimates.

This analysis was developed by combining PIERS containerized trade volume with value information from the U.S. Census Bureau waterborne trade data. As discussed earlier in this report, the address information in PIERS contains a number of problems that make it difficult to determine where firms are located. In addition to the foreign addresses and missing addresses noted previously, another significant problem is that the same firm is often described in different ways for the same location.

One significant problem is that different spellings are often used for the same company at the same location. Another common problem is that a company may have a street address missing, but it shares the same city, state, ZIP code, and name as another firm in the database. Instead, BST Associates used several steps to edit large portions of the data.

BST Associates reduced the errors in the names and addresses using several steps. The first step involved summing and ranking both imports and exports by PIERS company number. This number is unique to each location of a company. This list was then sent to PIERS, which appended company information data (i.e. name, address, etc.) for each company number. This reduced the number of name/address combinations to just one per company number.

The name and address information in the PIERS master file was an improvement over that in the raw data, but still had a substantial number of errors. BST Associates edited this data to the extent possible, given the time limitations of the project.

The company name and address file was then imported into GIS software, which was used to append the latitude and longitude of each record based on the address.

Once the company information was geocoded, the GIS software was used to populate data fields for Congressional District, California State Senate District, California State Assembly

District, Los Angeles County Supervisor District, Los Angeles City Council District, and Long Beach City Council District.

Results

Congressional Districts

The House of Representatives is made up of 435 elected representatives for the 50 states, apportioned based on population, with every state guaranteed at least one representative. In addition, the District of Columbia, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands each have one representative.

In 2018, the average Congressional District had a population of approximately 745,000. This varies substantially, however. Seven states have only one Representative, and the population of these states varies from a low of 577,700 for Wyoming to a high of 1,062,300 for Montana. The state with the smallest number of people per district is Rhode Island; the two districts in that state have an average population of 528,700.

The value of trade that is subject to the recent import and export tariffs, and which moves through the San Pedro Bay ports, was estimated for each congressional district. Summary data is presented on the following pages.

Other Political Districts

In addition to the congressional districts, the value of trade that is subject to the tariffs was also estimated for the following districts:

- California State Senate (40 districts),
- California State Assembly (80 districts),
- Los Angeles County Supervisor (5 districts),
- Los Angeles City Council (15 districts), and
- Long Beach City Council (9 districts).

Table 3-1: Trade Value Subject to Tariffs, by Congressional District ($1,000s)

	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Alabama																		
1	$0	$2,022	$2,022	$0	$23,524	$23,524	--	8%	8%	$0	$6,850	$6,850	$0	$1,695	$1,695	--	80%	80%
2	$0	$318	$318	$0	$12,014	$12,014	--	3%	3%	$0	$9,527	$9,527	$0	$25,955	$25,955	--	27%	27%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$32,408	$32,408	$0	$54,320	$54,320	--	37%	37%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$47,236	$47,236	$356	$19,072	$19,428	0%	71%	71%
5	$0	$416	$416	$0	$3,085	$3,085	--	12%	12%	$0	$21,810	$21,810	$0	$54,932	$54,932	--	28%	28%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$8,678	$8,678	$0	$3,278	$3,278	--	73%	73%
7	$0	$0	$0	$0	$0	$0	--	--	--	$0	$26,911	$26,911	$0	$273,192	$273,192	--	9%	9%
Alaska																		
At Large	$0	$0	$0	$0	$0	$0	--	--	--	$0	$2,166	$2,166	$0	$56	$56	--	98%	98%
Arizona																		
1	$0	$387	$387	$0	$0	$0	--	100%	100%	$0	$1,361	$1,361	$0	$1,402	$1,402	--	49%	49%
2	$0	$0	$0	$0	$5,270	$5,270	--	0%	0%	$0	$20,648	$20,648	$0	$10,980	$10,980	--	65%	65%
3	$0	$563	$563	$0	$5,594	$5,594	--	9%	9%	$0	$96,170	$96,170	$679	$31,935	$32,614	0%	75%	75%
4	$0	$21	$21	$0	$0	$0	--	100%	100%	$0	$9,150	$9,150	$0	$5,338	$5,338	--	63%	63%
5	$0	$0	$0	$0	$33,695	$33,695	--	0%	0%	$0	$73,478	$73,478	$0	$25,755	$25,755	--	74%	74%
6	$0	$32	$32	$0	$6,066	$6,066	--	1%	1%	$32	$75,487	$75,518	$28	$27,552	$27,580	53%	73%	73%
7	$0	$7,343	$7,343	$0	$8,189	$8,189	--	47%	47%	$54,576	$203,034	$257,610	$0	$47,831	$47,831	100%	81%	84%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$277,382	$277,382	$2,481	$21,721	$24,203	0%	93%	92%
9	$0	$7,749	$7,749	$0	$14,556	$14,556	--	35%	35%	$0	$100,821	$100,821	$0	$81,902	$81,902	--	55%	55%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Arkansas																		
1	$0	$1	$1	$0	$4,007	$4,007	--	0%	0%	$0	$129,140	$129,140	$0	$9,656	$9,656	--	93%	93%
2	$0	$0	$0	$0	$51	$51	--	0%	0%	$0	$62,851	$62,851	$0	$18,210	$18,210	--	78%	78%
3	$0	$33,438	$33,438	$0	$6,579	$6,579	--	84%	84%	$0	$126,125	$126,125	$0	$40,691	$40,691	--	76%	76%
4	$0	$504	$504	$0	$0	$0	--	100%	100%	$0	$9,420	$9,420	$0	$2,164	$2,164	--	81%	81%
California																		
1	$0	$350	$350	$0	$50	$50	--	88%	88%	$0	$9,256	$9,256	$0	$335	$335	--	97%	97%
2	$0	$8,397	$8,397	$0	$3,017	$3,017	--	74%	74%	$0	$36,276	$36,276	$0	$28,615	$28,615	--	56%	56%
3	$0	$8,304	$8,304	$0	$18,632	$18,632	--	31%	31%	$0	$2,446	$2,446	$0	$13,218	$13,218	--	16%	16%
4	$0	$30,500	$30,500	$0	$158,216	$158,216	--	16%	16%	$0	$11,300	$11,300	$0	$1,567	$1,567	--	88%	88%
5	$0	$0	$0	$0	$0	$0	--	--	--	$0	$19,705	$19,705	$0	$5,919	$5,919	--	77%	77%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$2,916	$2,916	$0	$5,865	$5,865	--	33%	33%
7	$0	$7,204	$7,204	$0	$27,733	$27,733	--	21%	21%	$0	$1,961	$1,961	$0	$1,678	$1,678	--	54%	54%
8	$12	$0	$12	$0	$32	$32	100%	0%	27%	$0	$299,017	$299,017	$0	$61,525	$61,525	--	83%	83%
9	$0	$0	$0	$0	$264	$264	--	0%	0%	$0	$5,069	$5,069	$0	$1,513	$1,513	--	77%	77%
10	$0	$586	$586	$0	$293	$293	--	67%	67%	$0	$6,498	$6,498	$0	$1,292	$1,292	--	83%	83%
11	$0	$11,713	$11,713	$0	$26,652	$26,652	--	31%	31%	$2,900	$26,742	$29,642	$0	$14,446	$14,446	100%	65%	67%
12	$0	$11,285	$11,285	$0	$3,875	$3,875	--	74%	74%	$0	$210,370	$210,370	$40,743	$377,489	$418,232	0%	36%	33%
13	$0	$3,516	$3,516	$0	$55,163	$55,163	--	6%	6%	$0	$52,346	$52,346	$0	$62,255	$62,255	--	46%	46%
14	$0	$90,104	$90,104	$145	$331,719	$331,864	0%	21%	21%	$0	$200,713	$200,713	$0	$15,399	$15,399	--	93%	93%
15	$0	$25,484	$25,484	$703	$38,548	$39,250	0%	40%	39%	$0	$123,888	$123,888	$0	$56,702	$56,702	--	69%	69%
16	$0	$374	$374	$0	$18,305	$18,305	--	2%	2%	$0	$15,361	$15,361	$210	$13,963	$14,174	0%	52%	52%
17	$0	$8,020	$8,020	$0	$25,713	$25,713	--	24%	24%	$0	$382,638	$382,638	$0	$79,061	$79,061	--	83%	83%
18	$0	$1,889	$1,889	$0	$7,503	$7,503	--	20%	20%	$0	$58,143	$58,143	$0	$8,779	$8,779	--	87%	87%
19	$0	$20	$20	$0	$471	$471	--	4%	4%	$0	$67,136	$67,136	$0	$44,398	$44,398	--	60%	60%
20	$0	$26,309	$26,309	$0	$25,853	$25,853	--	50%	50%	$0	$15,825	$15,825	$0	$13,808	$13,808	--	53%	53%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
California																		
21	$8,080	$86,860	$94,940	$225	$292,327	$292,553	97%	23%	25%	$0	$21,505	$21,505	$14,814	$30,270	$45,084	0%	42%	32%
22	$0	$9,241	$9,241	$32	$50,817	$50,849	0%	15%	15%	$0	$65,230	$65,230	$0	$14,264	$14,264	--	82%	82%
23	$12,723	$280,270	$292,993	$17,392	$261,254	$278,646	42%	52%	51%	$0	$75,576	$75,576	$0	$7,291	$7,291	--	91%	91%
24	$0	$0	$0	$0	$32	$32	--	0%	0%	$0	$107,317	$107,317	$0	$168,405	$168,405	--	39%	39%
25	$0	$4,789	$4,789	$0	$17,257	$17,257	--	22%	22%	$0	$117,481	$117,481	$0	$19,276	$19,276	--	86%	86%
26	$0	$1,153	$1,153	$0	$20,030	$20,030	--	5%	5%	$0	$413,924	$413,924	$0	$99,746	$99,746	--	81%	81%
27	$350	$220,730	$221,080	$368	$358,161	$358,529	49%	38%	38%	$8,119	$499,186	$507,305	$649	$140,559	$141,208	93%	78%	78%
28	$13,237	$955	$14,192	$7,423	$45,469	$52,892	64%	2%	21%	$13,920	$98,249	$112,169	$6,430	$82,276	$88,706	68%	54%	56%
29	$0	$0	$0	$0	$321	$321	--	0%	0%	$0	$202,187	$202,187	$0	$40,202	$40,202	--	83%	83%
30	$0	$1,272	$1,272	$0	$652	$652	--	66%	66%	$0	$135,335	$135,335	$0	$72,144	$72,144	--	65%	65%
31	$0	$58,552	$58,552	$0	$132,054	$132,054	--	31%	31%	$0	$408,128	$408,128	$0	$163,235	$163,235	--	71%	71%
32	$102,849	$321,945	$424,794	$42,472	$179,817	$222,289	71%	64%	66%	$3,881	$1,856,870	$1,860,751	$0	$904,650	$904,650	100%	67%	67%
33	$0	$53,830	$53,830	$0	$309,581	$309,581	--	15%	15%	$257	$797,882	$798,138	$99,094	$987,010	$1,086,104	0%	45%	42%
34	$0	$82,647	$82,647	$335	$98,484	$98,819	0%	46%	46%	$24,063	$1,307,201	$1,331,264	$67,031	$436,202	$503,234	26%	75%	73%
35	$0	$107,941	$107,941	$3,320	$139,975	$143,296	0%	44%	43%	$9,335	$2,782,627	$2,791,962	$1,731,571	$776,654	$2,508,225	1%	78%	53%
36	$0	$0	$0	$0	$27	$27	--	0%	0%	$0	$3,271	$3,271	$0	$18,275	$18,275	--	15%	15%
37	$0	$567	$567	$0	$8,683	$8,683	--	6%	6%	$0	$383,150	$383,150	$60	$170,833	$170,893	0%	69%	69%
38	$0	$120,877	$120,877	$279	$137,728	$138,006	0%	47%	47%	$5,369	$1,283,482	$1,288,852	$59,206	$662,789	$721,995	8%	66%	64%
39	$0	$794,754	$794,754	$498	$528,654	$529,152	0%	60%	60%	$800	$1,780,695	$1,781,495	$3,958	$880,636	$884,593	17%	67%	67%
40	$0	$30,509	$30,509	$214	$82,290	$82,504	0%	27%	27%	$957	$1,993,291	$1,994,248	$196	$726,251	$726,447	83%	73%	73%
41	$0	$2,993	$2,993	$0	$496	$496	--	86%	86%	$155	$488,684	$488,839	$0	$195,962	$195,962	100%	71%	71%
42	$0	$1,966	$1,966	$7,049	$7,428	$14,477	0%	21%	12%	$0	$251,560	$251,560	$2,912	$33,988	$36,900	0%	88%	87%
43	$485	$1,059,073	$1,059,558	$7,319	$1,994,745	$2,002,064	6%	35%	35%	$5,066	$992,214	$997,281	$2,509,904	$992,533	$3,502,437	0%	50%	22%
44	$3,667	$777,362	$781,029	$30,312	$3,028,954	$3,059,267	11%	20%	20%	$0	$1,524,036	$1,524,036	$32,083	$648,604	$680,687	0%	70%	69%
45	$120	$14,129	$14,249	$0	$43,155	$43,155	100%	25%	25%	$13,440	$870,804	$884,244	$8,425	$364,828	$373,252	61%	70%	70%
46	$0	$109,828	$109,828	$156	$279,772	$279,928	0%	28%	28%	$2,877	$371,926	$374,803	$2,269	$189,613	$191,882	56%	66%	66%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
California																		
47	$6,281	$182,700	$188,980	$7,353	$1,154,412	$1,161,765	46%	14%	14%	$16,996	$271,206	$288,202	$11,535	$332,564	$344,099	60%	45%	46%
48	$0	$5,708	$5,708	$1,444	$27,657	$29,101	0%	17%	16%	$0	$255,635	$255,635	$20	$148,305	$148,326	0%	63%	63%
49	$1,439	$41,561	$43,001	$0	$577,686	$577,686	100%	7%	7%	$1,315	$178,896	$180,211	$5,406	$92,499	$97,905	20%	66%	65%
50	$0	$817	$817	$0	$385	$385	--	68%	68%	$0	$171,214	$171,214	$0	$36,085	$36,085	--	83%	83%
51	$0	$35,416	$35,416	$109	$195,145	$195,254	0%	15%	15%	$5,088	$462,488	$467,576	$1,904	$263,489	$265,393	73%	64%	64%
52	$0	$6,660	$6,660	$303	$12,117	$12,420	0%	35%	35%	$117	$291,847	$291,964	$0	$69,958	$69,958	100%	81%	81%
53	$0	$10	$10	$0	$0	$0	--	100%	100%	$2,971	$98,298	$101,269	$0	$24,619	$24,619	100%	80%	80%
Colorado																		
1	$0	$4,936	$4,936	$0	$6,306	$6,306	--	44%	44%	$0	$117,126	$117,126	$0	$23,144	$23,144	--	84%	84%
2	$0	$0	$0	$0	$260	$260	--	0%	0%	$0	$92,183	$92,183	$3	$66,871	$66,874	0%	58%	58%
3	$10	$2,427	$2,437	$306	$5,673	$5,980	3%	30%	29%	$0	$39,205	$39,205	$0	$5,978	$5,978	--	87%	87%
4	$0	$84,428	$84,428	$43	$182,684	$182,727	0%	32%	32%	$0	$10,325	$10,325	$0	$64,399	$64,399	--	14%	14%
5	$0	$150	$150	$0	$64	$64	--	70%	70%	$0	$9,376	$9,376	$30	$759	$789	0%	93%	92%
6	$0	$7,286	$7,286	$0	$13,302	$13,302	--	35%	35%	$0	$56,020	$56,020	$0	$12,512	$12,512	--	82%	82%
7	$0	$0	$0	$0	$108	$108	--	0%	0%	$0	$52,393	$52,393	$0	$8,286	$8,286	--	86%	86%
Connecticut																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$14,531	$14,531	$0	$1,972	$1,972	--	88%	88%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$4,678	$4,678	$0	$175	$175	--	96%	96%
3	$0	$1,177	$1,177	$0	$1,426	$1,426	--	45%	45%	$0	$12,123	$12,123	$0	$1,787	$1,787	--	87%	87%
4	$0	$5,450	$5,450	$0	$0	$0	--	100%	100%	$0	$487,282	$487,282	$0	$13,996	$13,996	--	97%	97%
5	$0	$1,964	$1,964	$0	$3,705	$3,705	--	35%	35%	$0	$12,692	$12,692	$0	$2,249	$2,249	--	85%	85%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Delaware																		
At Large	$0	$522,868	$522,868	$0	$568,742	$568,742	--	48%	48%	$0	$108,259	$108,259	$0	$14,431	$14,431	--	88%	88%
Dist. of Columbia																		
At Large	$0	$2,784	$2,784	$0	$92	$92	--	97%	97%	$0	$3,896	$3,896	$0	$158	$158	--	96%	96%
Florida																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$51,984	$51,984	$0	$9,574	$9,574	--	84%	84%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$12,070	$12,070	$0	$0	$0	--	100%	100%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$7,436	$7,436	$0	$1,484	$1,484	--	83%	83%
4	$0	$115	$115	$2,385	$2,197	$4,583	0%	5%	2%	$0	$22,605	$22,605	$0	$12,802	$12,802	--	64%	64%
5	$0	$470	$470	$0	$714	$714	--	40%	40%	$0	$71,695	$71,695	$0	$31,278	$31,278	--	70%	70%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$6,803	$6,803	$0	$1,170	$1,170	--	85%	85%
7	$0	$367	$367	$0	$11,820	$11,820	--	3%	3%	$0	$74,266	$74,266	$0	$58,960	$58,960	--	56%	56%
8	$0	$249	$249	$0	$5,923	$5,923	--	4%	4%	$0	$5,311	$5,311	$0	$365	$365	--	94%	94%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$4,799	$4,799	$0	$3,161	$3,161	--	60%	60%
10	$0	$190	$190	$718	$8,056	$8,774	0%	2%	2%	$0	$33,716	$33,716	$0	$4,877	$4,877	--	87%	87%
11	$0	$0	$0	$0	$0	$0	--	--	--	$0	$878	$878	$0	$73	$73	--	92%	92%
12	$0	$0	$0	$0	$0	$0	--	--	--	$0	$5,687	$5,687	$0	$428	$428	--	93%	93%
13	$173	$0	$173	$0	$0	$0	100%	--	100%	$0	$81,706	$81,706	$0	$14,366	$14,366	--	85%	85%
14	$6,477	$1,347	$7,824	$0	$3,792	$3,792	100%	26%	67%	$0	$32,590	$32,590	$0	$7,259	$7,259	--	82%	82%
15	$0	$4,726	$4,726	$0	$6,025	$6,025	--	44%	44%	$0	$9,833	$9,833	$0	$1,125	$1,125	--	90%	90%
16	$0	$0	$0	$0	$0	$0	--	--	--	$0	$10,027	$10,027	$0	$2,660	$2,660	--	79%	79%
17	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,368	$1,368	$0	$104	$104	--	93%	93%
18	$0	$407	$407	$0	$5,204	$5,204	--	7%	7%	$0	$5,760	$5,760	$0	$1,216	$1,216	--	83%	83%
19	$0	$589	$589	$130	$8,934	$9,064	0%	6%	6%	$0	$2,590	$2,590	$0	$14,516	$14,516	--	15%	15%
20	$0	$358	$358	$0	$7,776	$7,776	--	4%	4%	$0	$44,423	$44,423	$0	$1,168	$1,168	--	97%	97%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Florida																		
21	$41	$57	$98	$0	$0	$0	100%	100%	100%	$0	$26,881	$26,881	$0	$1,380	$1,380	--	95%	95%
22	$0	$2,944	$2,944	$0	$985	$985	--	75%	75%	$0	$885,752	$885,752	$0	$14,099	$14,099	--	98%	98%
23	$0	$8,849	$8,849	$0	$10,618	$10,618	--	45%	45%	$0	$77,217	$77,217	$0	$26,823	$26,823	--	74%	74%
24	$0	$21,894	$21,894	$0	$18,607	$18,607	--	54%	54%	$0	$43,575	$43,575	$0	$11,159	$11,159	--	80%	80%
25	$0	$4,812	$4,812	$0	$68,442	$68,442	--	7%	7%	$0	$45,451	$45,451	$0	$27,086	$27,086	--	63%	63%
26	$0	$53	$53	$0	$100	$100	--	34%	34%	$0	$14,025	$14,025	$0	$16,123	$16,123	--	47%	47%
27	$0	$1	$1	$0	$73	$73	--	1%	1%	$0	$18,335	$18,335	$0	$17,546	$17,546	--	51%	51%
Georgia																		
1	$0	$21,237	$21,237	$0	$106,124	$106,124	--	17%	17%	$0	$7,828	$7,828	$0	$1,544	$1,544	--	84%	84%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$35,085	$35,085	$0	$6,327	$6,327	--	85%	85%
3	$0	$1,286	$1,286	$0	$4,495	$4,495	--	22%	22%	$0	$38,910	$38,910	$316	$15,981	$16,297	0%	71%	70%
4	$0	$2,836	$2,836	$0	$3,710	$3,710	--	43%	43%	$0	$28,177	$28,177	$0	$5,066	$5,066	--	85%	85%
5	$0	$47,792	$47,792	$928	$121,342	$122,270	0%	28%	28%	$0	$235,940	$235,940	$0	$63,041	$63,041	--	79%	79%
6	$0	$111,253	$111,253	$0	$165,684	$165,684	--	40%	40%	$0	$945,953	$945,953	$0	$228,082	$228,082	--	81%	81%
7	$0	$37,596	$37,596	$0	$64,777	$64,777	--	37%	37%	$12,649	$376,316	$388,965	$0	$58,687	$58,687	100%	87%	87%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$2,711	$2,711	$0	$234	$234	--	92%	92%
9	$0	$0	$0	$0	$0	$0	--	--	--	$7	$20,547	$20,554	$0	$23,623	$23,623	100%	47%	47%
10	$0	$138	$138	$0	$0	$0	--	100%	100%	$0	$16,380	$16,380	$0	$2,605	$2,605	--	86%	86%
11	$0	$3,724	$3,724	$0	$8,841	$8,841	--	30%	30%	$0	$86,656	$86,656	$0	$289,994	$289,994	--	23%	23%
12	$0	$0	$0	$0	$162	$162	--	0%	0%	$0	$3,891	$3,891	$0	$836	$836	--	82%	82%
13	$0	$14,858	$14,858	$1,311	$90,007	$91,318	0%	14%	14%	$0	$20,828	$20,828	$0	$4,291	$4,291	--	83%	83%
14	$0	$22	$22	$0	$198	$198	--	10%	10%	$0	$45,196	$45,196	$0	$8,035	$8,035	--	85%	85%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| Dist. | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Hawaii																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$12,653	$12,653	$0	$3,135	$3,135	--	80%	80%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,651	$1,651	$0	$83	$83	--	95%	95%
Idaho																		
1	$0	$0	$0	$0	$1,288	$1,288	--	0%	0%	$0	$21,475	$21,475	$0	$1,907	$1,907	--	92%	92%
2	$0	$12,830	$12,830	$0	$10,955	$10,955	--	54%	54%	$0	$30,813	$30,813	$0	$3,871	$3,871	--	89%	89%
Illinois																		
1	$0	$11,899	$11,899	$0	$7,799	$7,799	--	60%	60%	$0	$57,120	$57,120	$0	$51,757	$51,757	--	52%	52%
2	$0	$3,564	$3,564	$0	$17,582	$17,582	--	17%	17%	$0	$39,952	$39,952	$0	$18,718	$18,718	--	68%	68%
3	$0	$2,981	$2,981	$0	$51,979	$51,979	--	5%	5%	$0	$230,147	$230,147	$0	$18,952	$18,952	--	92%	92%
4	$0	$10,898	$10,898	$6	$2,008	$2,015	0%	84%	84%	$0	$79,455	$79,455	$0	$36,563	$36,563	--	68%	68%
5	$0	$51,772	$51,772	$103	$94,074	$94,177	0%	35%	35%	$1,627	$211,356	$212,982	$6,659	$65,754	$72,413	20%	76%	75%
6	$2,247	$267,000	$269,247	$0	$650,313	$650,313	100%	29%	29%	$0	$200,418	$200,418	$84	$61,323	$61,407	0%	77%	77%
7	$0	$2,525	$2,525	$0	$13,064	$13,064	--	16%	16%	$3,959	$205,886	$209,845	$1,050	$217,045	$218,096	79%	49%	49%
8	$945	$798,521	$799,466	$2,974	$1,820,643	$1,823,618	24%	30%	30%	$279	$602,236	$602,515	$20,378	$306,199	$326,577	1%	66%	65%
9	$118	$30,710	$30,828	$0	$17,157	$17,157	100%	64%	64%	$0	$202,874	$202,874	$0	$84,369	$84,369	--	71%	71%
10	$0	$33,865	$33,865	$0	$50,776	$50,776	--	40%	40%	$0	$451,138	$451,138	$0	$319,956	$319,956	--	59%	59%
11	$0	$4,036	$4,036	$0	$12,857	$12,857	--	24%	24%	$0	$218,698	$218,698	$0	$66,094	$66,094	--	77%	77%
12	$0	$1,054	$1,054	$0	$33,339	$33,339	--	3%	3%	$0	$15,451	$15,451	$0	$34,482	$34,482	--	31%	31%
13	$0	$21,123	$21,123	$313	$160,091	$160,404	0%	12%	12%	$0	$19,829	$19,829	$161,527	$6,036	$167,564	0%	77%	11%
14	$0	$14,889	$14,889	$84	$79,248	$79,332	0%	16%	16%	$0	$137,974	$137,974	$184	$88,093	$88,277	0%	61%	61%
15	$0	$0	$0	$0	$0	$0	--	--	--	$0	$54,252	$54,252	$0	$19,212	$19,212	--	74%	74%
16	$0	$1,643	$1,643	$0	$6,948	$6,948	--	19%	19%	$0	$50,150	$50,150	$0	$11,675	$11,675	--	81%	81%
17	$0	$50,413	$50,413	$361	$42,335	$42,696	0%	54%	54%	$0	$103,774	$103,774	$10,326	$12,055	$22,380	0%	90%	82%
18	$87	$109,075	$109,163	$0	$273,667	$273,667	100%	28%	29%	$1,984	$53,984	$55,968	$38,738	$24,671	$63,409	5%	69%	47%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Indiana																		
1	$0	$442	$442	$0	$360	$360	--	55%	55%	$0	$47,481	$47,481	$0	$12,952	$12,952	--	79%	79%
2	$0	$4,749	$4,749	$0	$3,314	$3,314	--	59%	59%	$0	$318,111	$318,111	$0	$50,249	$50,249	--	86%	86%
3	$0	$1,147	$1,147	$0	$0	$0	--	100%	100%	$7	$82,704	$82,711	$0	$33,875	$33,875	100%	71%	71%
4	$0	$3,451	$3,451	$0	$67,081	$67,081	--	5%	5%	$0	$173,537	$173,537	$0	$515,914	$515,914	--	25%	25%
5	$0	$5,313	$5,313	$0	$143,304	$143,304	--	4%	4%	$0	$157,176	$157,176	$0	$54,128	$54,128	--	74%	74%
6	$0	$854	$854	$0	$3,662	$3,662	--	19%	19%	$41	$259,851	$259,892	$0	$132,307	$132,307	100%	66%	66%
7	$0	$9,920	$9,920	$0	$9,952	$9,952	--	50%	50%	$0	$61,814	$61,814	$0	$40,579	$40,579	--	60%	60%
8	$0	$359	$359	$0	$2,243	$2,243	--	14%	14%	$0	$85,778	$85,778	$0	$15,625	$15,625	--	85%	85%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$51,498	$51,498	$0	$65,528	$65,528	--	44%	44%
Iowa																		
1	$0	$337	$337	$0	$350	$350	--	49%	49%	$0	$117,573	$117,573	$0	$24,462	$24,462	--	83%	83%
2	$0	$0	$0	$0	$403	$403	--	0%	0%	$0	$45,370	$45,370	$0	$31,020	$31,020	--	59%	59%
3	$0	$2,883	$2,883	$0	$2,237	$2,237	--	56%	56%	$0	$53,985	$53,985	$0	$24,266	$24,266	--	69%	69%
4	$0	$0	$0	$0	$98	$98	--	0%	0%	$0	$62,265	$62,265	$0	$5,116	$5,116	--	92%	92%
Kansas																		
1	$0	$30,045	$30,045	$0	$52,742	$52,742	--	36%	36%	$0	$22,554	$22,554	$7	$10,405	$10,411	0%	68%	68%
2	$0	$2,032	$2,032	$71	$25,813	$25,884	0%	7%	7%	$0	$251,586	$251,586	$0	$128,352	$128,352	--	66%	66%
3	$0	$61,203	$61,203	$318,654	$348,095	$666,749	0%	15%	8%	$0	$146,905	$146,905	$0	$49,182	$49,182	--	75%	75%
4	$0	$94,003	$94,003	$0	$425,133	$425,133	--	18%	18%	$0	$131,836	$131,836	$0	$19,069	$19,069	--	87%	87%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Kentucky																		
1	$0	$713	$713	$0	$4,215	$4,215	--	14%	14%	$0	$79,547	$79,547	$0	$47,079	$47,079	--	63%	63%
2	$0	$2,189	$2,189	$0	$3,016	$3,016	--	42%	42%	$0	$72,295	$72,295	$0	$71,941	$71,941	--	50%	50%
3	$0	$100,843	$100,843	$0	$56,489	$56,489	--	64%	64%	$0	$179,460	$179,460	$108,176	$37,691	$145,867	0%	83%	55%
4	$134	$98,467	$98,601	$1,029	$130,359	$131,387	12%	43%	43%	$0	$110,935	$110,935	$2,751	$101,868	$104,618	0%	52%	51%
5	$0	$0	$0	$0	$2,557	$2,557	--	0%	0%	$0	$2,526	$2,526	$0	$842	$842	--	75%	75%
6	$0	$7,666	$7,666	$0	$9,920	$9,920	--	44%	44%	$0	$50,673	$50,673	$31,256	$128,505	$159,761	0%	28%	24%
Louisiana																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$26,547	$26,547	$0	$18,199	$18,199	--	59%	59%
2	$0	$8,306	$8,306	$0	$1,830	$1,830	--	82%	82%	$0	$80,460	$80,460	$0	$8,509	$8,509	--	90%	90%
3	$0	$0	$0	$0	$95	$95	--	0%	0%	$0	$14,843	$14,843	$0	$7,309	$7,309	--	67%	67%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$15,644	$15,644	$0	$2,543	$2,543	--	86%	86%
5	$0	$0	$0	$0	$105	$105	--	0%	0%	$0	$16,925	$16,925	$0	$40,690	$40,690	--	29%	29%
6	$0	$12,844	$12,844	$321	$69,462	$69,782	0%	16%	16%	$0	$12,821	$12,821	$0	$2,408	$2,408	--	84%	84%
Maine																		
1	$0	$6	$6	$0	$0	$0	--	100%	100%	$0	$1,193	$1,193	$0	$0	$0	--	100%	100%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$936	$936	$0	$87	$87	--	92%	92%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Maryland																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,441	$3,441	$0	$2,382	$2,382	--	59%	59%
2	$0	$19,856	$19,856	$0	$12,663	$12,663	--	61%	61%	$0	$36,557	$36,557	$0	$8,579	$8,579	--	81%	81%
3	$0	$13,310	$13,310	$0	$12,335	$12,335	--	52%	52%	$1,297	$69,205	$70,501	$0	$286,085	$286,085	100%	19%	20%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$14,744	$14,744	$0	$303	$303	--	98%	98%
5	$0	$66	$66	$0	$2,368	$2,368	--	3%	3%	$0	$18,003	$18,003	$0	$113,221	$113,221	--	14%	14%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$15,488	$15,488	$0	$6,610	$6,610	--	70%	70%
7	$28,029	$31,358	$59,387	$21,676	$88,380	$110,055	56%	26%	35%	$1	$111,441	$111,442	$0	$11,688	$11,688	100%	91%	91%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$4,818	$4,818	$0	$412	$412	--	92%	92%
Massachusetts																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,631	$3,631	$0	$15,695	$15,695	--	19%	19%
2	$0	$6	$6	$0	$0	$0	--	100%	100%	$0	$13,417	$13,417	$0	$1,494	$1,494	--	90%	90%
3	$0	$232	$232	$0	$0	$0	--	100%	100%	$0	$48,334	$48,334	$0	$245,157	$245,157	--	16%	16%
4	$4	$670	$674	$0	$1,607	$1,607	100%	29%	30%	$0	$98,236	$98,236	$0	$13,520	$13,520	--	88%	88%
5	$0	$0	$0	$0	$0	$0	--	--	--	$0	$37,651	$37,651	$1,184	$18,078	$19,262	0%	68%	66%
6	$0	$5,260	$5,260	$0	$400	$400	--	93%	93%	$0	$2,177	$2,177	$0	$7,045	$7,045	--	24%	24%
7	$0	$2,922	$2,922	$0	$4,123	$4,123	--	41%	41%	$0	$13,392	$13,392	$0	$2,493	$2,493	--	84%	84%
8	$0	$4,446	$4,446	$103	$4,855	$4,958	0%	48%	47%	$0	$61,464	$61,464	$0	$327,471	$327,471	--	16%	16%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$34	$34	$0	$0	$0	--	100%	100%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| Dist. | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Michigan																		
1	$0	$8,360	$8,360	$0	$9,872	$9,872	--	46%	46%	$0	$10,514	$10,514	$0	$1,649	$1,649	--	86%	86%
2	$0	$10,081	$10,081	$0	$4,482	$4,482	--	69%	69%	$0	$480,072	$480,072	$0	$31,875	$31,875	--	94%	94%
3	$0	$4,197	$4,197	$0	$7,882	$7,882	--	35%	35%	$0	$162,412	$162,412	$0	$54,349	$54,349	--	75%	75%
4	$0	$5,505	$5,505	$0	$381	$381	--	94%	94%	$0	$23,230	$23,230	$0	$21,388	$21,388	--	52%	52%
5	$0	$0	$0	$0	$0	$0	--	--	--	$0	$15,005	$15,005	$0	$29,655	$29,655	--	34%	34%
6	$0	$1,320	$1,320	$0	$1,861	$1,861	--	42%	42%	$0	$99,643	$99,643	$0	$151,430	$151,430	--	40%	40%
7	$0	$654	$654	$0	$697	$697	--	48%	48%	$0	$148,357	$148,357	$0	$91,346	$91,346	--	62%	62%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$34,853	$34,853	$0	$2,762	$2,762	--	93%	93%
9	$0	$59	$59	$0	$0	$0	--	100%	100%	$0	$81,316	$81,316	$0	$33,524	$33,524	--	71%	71%
10	$0	$48	$48	$0	$13	$13	--	79%	79%	$0	$22,809	$22,809	$0	$11,496	$11,496	--	66%	66%
11	$46	$541,697	$541,743	$0	$104,052	$104,052	100%	84%	84%	$9	$660,141	$660,149	$0	$301,968	$301,968	100%	69%	69%
12	$0	$6,960	$6,960	$0	$4,219	$4,219	--	62%	62%	$0	$73,476	$73,476	$0	$148,042	$148,042	--	33%	33%
13	$0	$43,846	$43,846	$0	$45,342	$45,342	--	49%	49%	$0	$50,241	$50,241	$0	$6,924	$6,924	--	88%	88%
14	$0	$2,696	$2,696	$0	$41,459	$41,459	--	6%	6%	$0	$49,542	$49,542	$23	$44,127	$44,151	0%	53%	53%
Minnesota																		
1	$0	$3,612	$3,612	$0	$75,591	$75,591	--	5%	5%	$0	$124,987	$124,987	$0	$77,412	$77,412	--	62%	62%
2	$0	$51,836	$51,836	$0	$330,523	$330,523	--	14%	14%	$0	$40,544	$40,544	$0	$13,293	$13,293	--	75%	75%
3	$0	$61,402	$61,402	$0	$226,593	$226,593	--	21%	21%	$52	$89,440	$89,493	$582	$20,972	$21,554	8%	81%	81%
4	$0	$14,590	$14,590	$0	$53,292	$53,292	--	21%	21%	$0	$8,797	$8,797	$0	$3,502	$3,502	--	72%	72%
5	$0	$8,676	$8,676	$51	$575,010	$575,061	0%	1%	1%	$11,402	$130,803	$142,206	$45,461	$19,882	$65,344	20%	87%	69%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$17,818	$17,818	$0	$1,709	$1,709	--	91%	91%
7	$0	$2,610	$2,610	$0	$24,121	$24,121	--	10%	10%	$0	$7,454	$7,454	$0	$362	$362	--	95%	95%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,003	$1,003	$0	$292	$292	--	77%	77%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Mississippi																		
1	$0	$124	$124	$0	$249	$249	--	33%	33%	$0	$311,252	$311,252	$0	$114,911	$114,911	--	73%	73%
2	$0	$14,963	$14,963	$0	$45,660	$45,660	--	25%	25%	$0	$48,829	$48,829	$0	$7,424	$7,424	--	87%	87%
3	$0	$237	$237	$0	$0	$0	--	100%	100%	$0	$3,393	$3,393	$0	$1,236	$1,236	--	73%	73%
4	$0	$404	$404	$0	$0	$0	--	100%	100%	$0	$1,719	$1,719	$0	$8	$8	--	100%	100%
Missouri																		
1	$0	$11,469	$11,469	$0	$63,169	$63,169	--	15%	15%	$0	$138,077	$138,077	$0	$107,739	$107,739	--	56%	56%
2	$0	$20,744	$20,744	$0	$22,783	$22,783	--	48%	48%	$0	$509,201	$509,201	$0	$111,631	$111,631	--	82%	82%
3	$0	$204	$204	$4	$2,548	$2,552	0%	7%	7%	$0	$80,181	$80,181	$579	$15,088	$15,666	0%	84%	84%
4	$0	$0	$0	$0	$0	$0	--	0%	0%	$0	$162,739	$162,739	$0	$24,065	$24,065	--	87%	87%
5	$30	$43,477	$43,507	$0	$47,745	$47,745	100%	48%	48%	$0	$173,696	$173,696	$0	$31,868	$31,868	--	84%	84%
6	$10	$32,721	$32,730	$76	$85,585	$85,660	11%	28%	28%	$0	$204,922	$204,922	$0	$89,807	$89,807	--	70%	70%
7	$0	$5,181	$5,181	$0	$563	$563	--	90%	90%	$0	$119,082	$119,082	$0	$21,584	$21,584	--	85%	85%
8	$0	$17	$17	$0	$242	$242	--	6%	6%	$0	$68,262	$68,262	$0	$6,302	$6,302	--	92%	92%
Montana																		
At Large	$0	$3,236	$3,236	$0	$0	$0	--	100%	100%	$0	$5,431	$5,431	$0	$1,574	$1,574	--	78%	78%
Nebraska																		
1	$0	$3,640	$3,640	$0	$47,147	$47,147	--	7%	7%	$0	$46,993	$46,993	$0	$148,420	$148,420	--	24%	24%
2	$0	$26,778	$26,778	$0	$260,729	$260,729	--	9%	9%	$0	$80,915	$80,915	$0	$18,771	$18,771	--	81%	81%
3	$0	$0	$0	$0	$1,403	$1,403	--	0%	0%	$0	$17,479	$17,479	$0	$6,126	$6,126	--	74%	74%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| Dist. | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Nevada																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$90,393	$90,393	$0	$54,553	$54,553	--	62%	62%
2	$0	$0	$0	$0	$0	$0	--	--	--	$3,324	$26,848	$30,172	$0	$9,765	$9,765	100%	73%	76%
3	$0	$0	$0	$0	$1,104	$1,104	--	0%	0%	$0	$98,656	$98,656	$0	$28,746	$28,746	--	77%	77%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$39,654	$39,654	$0	$11,167	$11,167	--	78%	78%
New Hampshire																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$5,434	$5,434	$0	$9,802	$9,802	--	36%	36%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,049	$1,049	$0	$24	$24	--	98%	98%
New Jersey																		
1	$0	$1,592	$1,592	$0	$32,619	$32,619	--	5%	5%	$0	$1,125	$1,125	$727	$3,027	$3,754	0%	27%	23%
2	$0	$1,818	$1,818	$0	$3,399	$3,399	--	35%	35%	$0	$64,189	$64,189	$0	$2,017	$2,017	--	97%	97%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,044	$1,044	$0	$56	$56	--	95%	95%
4	$339	$18,498	$18,837	$324	$19,766	$20,090	51%	48%	48%	$0	$14,753	$14,753	$0	$6,422	$6,422	--	70%	70%
5	$0	$5,948	$5,948	$0	$83,561	$83,561	--	7%	7%	$220	$94,615	$94,836	$134	$115,251	$115,385	62%	45%	45%
6	$0	$69,489	$69,489	$93	$38,010	$38,103	0%	65%	65%	$775	$43,249	$44,024	$0	$29,749	$29,749	100%	59%	60%
7	$0	$21,716	$21,716	$0	$25,054	$25,054	--	46%	46%	$0	$50,655	$50,655	$0	$74,538	$74,538	--	40%	40%
8	$0	$187,655	$187,655	$0	$79,410	$79,410	--	70%	70%	$46	$45,837	$45,883	$0	$32,107	$32,107	100%	59%	59%
9	$0	$157,410	$157,410	$315	$74,562	$74,877	0%	68%	68%	$0	$154,020	$154,020	$0	$36,572	$36,572	--	81%	81%
10	$0	$11,208	$11,208	$0	$91,184	$91,184	--	11%	11%	$0	$40,115	$40,115	$0	$3,581	$3,581	--	92%	92%
11	$0	$99	$99	$0	$0	$0	--	100%	100%	$0	$172,802	$172,802	$0	$101,412	$101,412	--	63%	63%
12	$0	$2,806	$2,806	$0	$10,342	$10,342	--	21%	21%	$0	$50,314	$50,314	$0	$14,078	$14,078	--	78%	78%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| Dist. | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
New Mexico																		
1	$0	$0	$0	$0	$11,138	$11,138	--	0%	0%	$0	$28,132	$28,132	$0	$3,752	$3,752	--	88%	88%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$13,670	$13,670	$0	$6,719	$6,719	--	67%	67%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,125	$1,125	$0	$30	$30	--	97%	97%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
New York																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$59,286	$59,286	$0	$10,561	$10,561	--	85%	85%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$164,859	$164,859	$0	$18,299	$18,299	--	90%	90%
3	$0	$49,207	$49,207	$4,185	$48,743	$52,928	0%	50%	48%	$51	$157,894	$157,945	$0	$78,092	$78,092	100%	67%	67%
4	$79	$68,451	$68,529	$836	$46,917	$47,754	9%	59%	59%	$0	$115,202	$115,202	$0	$37,647	$37,647	--	75%	75%
5	$0	$97,387	$97,387	$0	$80,180	$80,180	--	55%	55%	$0	$24,204	$24,204	$0	$10,944	$10,944	--	69%	69%
6	$0	$11,028	$11,028	$0	$6,165	$6,165	--	64%	64%	$0	$34,729	$34,729	$0	$3,543	$3,543	--	91%	91%
7	$0	$4,337	$4,337	$0	$7,390	$7,390	--	37%	37%	$0	$72,197	$72,197	$0	$56,627	$56,627	--	56%	56%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,451	$3,451	$0	$537	$537	--	87%	87%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$35,307	$35,307	$0	$622	$622	--	98%	98%
10	$0	$35,469	$35,469	$0	$38,940	$38,940	--	48%	48%	$868	$259,977	$260,845	$240	$65,733	$65,973	78%	80%	80%
11	$0	$541	$541	$0	$70,195	$70,195	--	1%	1%	$0	$18,121	$18,121	$0	$832	$832	--	96%	96%
12	$0	$8,999	$8,999	$114	$344,296	$344,410	0%	3%	3%	$17,596	$2,371,042	$2,388,638	$2,242	$429,198	$431,439	89%	85%	85%
13	$0	$0	$0	$0	$0	$0	--	--	--	$0	$45,028	$45,028	$0	$17,785	$17,785	--	72%	72%
14	$0	$15	$15	$0	$0	$0	--	100%	100%	$0	$99,478	$99,478	$0	$25,449	$25,449	--	80%	80%
15	$0	$0	$0	$0	$0	$0	--	--	--	$0	$2,086	$2,086	$0	$41	$41	--	98%	98%
16	$0	$9,018	$9,018	$0	$0	$0	--	100%	100%	$55	$42,820	$42,875	$719	$43,921	$44,640	7%	49%	49%
17	$0	$2,921	$2,921	$0	$6,446	$6,446	--	31%	31%	$0	$149,315	$149,315	$67	$196,147	$196,215	0%	43%	43%
18	$0	$2,170	$2,170	$0	$29,409	$29,409	--	7%	7%	$0	$27,705	$27,705	$0	$524	$524	--	98%	98%
19	$0	$83	$83	$0	$4,338	$4,338	--	2%	2%	$0	$1,874	$1,874	$0	$1,277	$1,277	--	59%	59%
20	$0	$972	$972	$0	$61,256	$61,256	--	2%	2%	$0	$91,372	$91,372	$0	$30,053	$30,053	--	75%	75%
21	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,561	$1,561	$0	$571	$571	--	73%	73%
22	$0	$8	$8	$0	$0	$0	--	100%	100%	$0	$7,198	$7,198	$0	$2,755	$2,755	--	72%	72%
23	$0	$0	$0	$0	$0	$0	--	--	--	$0	$13,442	$13,442	$0	$3,411	$3,411	--	80%	80%
24	$0	$11,064	$11,064	$0	$529	$529	--	95%	95%	$0	$16,873	$16,873	$0	$1,245	$1,245	--	93%	93%
25	$0	$7,969	$7,969	$0	$3,551	$3,551	--	69%	69%	$0	$7,356	$7,356	$0	$1,125	$1,125	--	87%	87%
26	$0	$71	$71	$0	$1,484	$1,484	--	5%	5%	$0	$15,805	$15,805	$0	$1,041	$1,041	--	94%	94%
27	$0	$454	$454	$0	$320	$320	--	59%	59%	$0	$18,173	$18,173	$0	$7,577	$7,577	--	71%	71%

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
North Carolina																		
1	$0	$0	$0	$0	$403	$403	--	0%	0%	$0	$5,198	$5,198	$0	$1,150	$1,150	--	82%	82%
2	$0	$3,449	$3,449	$0	$12,119	$12,119	--	22%	22%	$0	$1,728	$1,728	$0	$4,135	$4,135	--	29%	29%
3	$0	$86,708	$86,708	$0	$10,903	$10,903	--	89%	89%	$0	$13,045	$13,045	$0	$493	$493	--	96%	96%
4	$0	$4,583	$4,583	$0	$3,653	$3,653	--	56%	56%	$0	$41,291	$41,291	$0	$7,430	$7,430	--	85%	85%
5	$0	$0	$0	$0	$113	$113	--	0%	0%	$0	$100,519	$100,519	$0	$277,805	$277,805	--	27%	27%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$23,512	$23,512	$0	$31,938	$31,938	--	42%	42%
7	$0	$0	$0	$0	$0	$0	--	--	--	$0	$6,384	$6,384	$0	$1,050	$1,050	--	86%	86%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$17,129	$17,129	$0	$5,475	$5,475	--	76%	76%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$26,534	$26,534	$0	$26,677	$26,677	--	50%	50%
10	$0	$5,932	$5,932	$0	$1,597	$1,597	--	79%	79%	$0	$10,996	$10,996	$0	$13,308	$13,308	--	45%	45%
11	$0	$0	$0	$0	$0	$0	--	--	--	$0	$37,176	$37,176	$0	$8,241	$8,241	--	82%	82%
12	$75	$21,706	$21,782	$0	$38,360	$38,360	100%	36%	36%	$42	$85,033	$85,075	$2,797	$44,428	$47,225	1%	66%	64%
13	$0	$3,223	$3,223	$0	$8,836	$8,836	--	27%	27%	$0	$69,531	$69,531	$0	$12,950	$12,950	--	84%	84%
North Dakota																		
At Large	$0	$0	$0	$0	$135	$135	--	0%	0%	$0	$6,312	$6,312	$0	$1,769	$1,769	--	78%	78%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Ohio																		
1	$0	$33,309	$33,309	$0	$185,699	$185,699	--	15%	15%	$0	$96,891	$96,891	$51,162	$141,143	$192,305	0%	41%	34%
2	$0	$25,797	$25,797	$0	$15,995	$15,995	--	62%	62%	$0	$90,616	$90,616	$0	$40,130	$40,130	--	69%	69%
3	$0	$13,235	$13,235	$0	$4,519	$4,519	--	75%	75%	$0	$300,226	$300,226	$0	$154,529	$154,529	--	66%	66%
4	$0	$23,847	$23,847	$0	$74,822	$74,822	--	24%	24%	$2,712	$62,600	$65,313	$0	$46,336	$46,336	100%	57%	58%
5	$0	$0	$0	$0	$1,300	$1,300	--	0%	0%	$0	$97,359	$97,359	$0	$68,655	$68,655	--	59%	59%
6	$0	$12,530	$12,530	$0	$15,809	$15,809	--	44%	44%	$0	$14,431	$14,431	$0	$11,176	$11,176	--	56%	56%
7	$0	$159	$159	$0	$0	$0	--	100%	100%	$0	$78,300	$78,300	$0	$13,285	$13,285	--	85%	85%
8	$0	$456	$456	$0	$586	$586	--	44%	44%	$0	$100,425	$100,425	$0	$75,506	$75,506	--	57%	57%
9	$0	$66,870	$66,870	$428	$84,805	$85,233	0%	44%	44%	$0	$85,109	$85,109	$0	$32,801	$32,801	--	72%	72%
10	$0	$308	$308	$0	$5,663	$5,663	--	5%	5%	$48	$122,588	$122,636	$0	$35,917	$35,917	100%	77%	77%
11	$0	$5,129	$5,129	$0	$4,475	$4,475	--	53%	53%	$0	$93,888	$93,888	$0	$53,699	$53,699	--	64%	64%
12	$0	$312	$312	$0	$1,376	$1,376	--	19%	19%	$0	$53,750	$53,750	$0	$58,704	$58,704	--	48%	48%
13	$0	$1,379	$1,379	$0	$20,619	$20,619	--	6%	6%	$0	$84,301	$84,301	$0	$34,525	$34,525	--	71%	71%
14	$0	$8,223	$8,223	$0	$17,847	$17,847	--	32%	32%	$0	$230,230	$230,230	$0	$124,316	$124,316	--	65%	65%
15	$0	$8,195	$8,195	$0	$9,577	$9,577	--	46%	46%	$0	$57,840	$57,840	$0	$37,588	$37,588	--	61%	61%
16	$0	$115,008	$115,008	$0	$90,871	$90,871	--	56%	56%	$0	$101,493	$101,493	$0	$49,788	$49,788	--	67%	67%
Oklahoma																		
1	$0	$222	$222	$0	$3,930	$3,930	--	5%	5%	$0	$67,729	$67,729	$5	$115,986	$115,991	0%	37%	37%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$17,635	$17,635	$0	$25,855	$25,855	--	41%	41%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$63,270	$63,270	$0	$3,063	$3,063	--	95%	95%
4	$0	$0	$0	$0	$297	$297	--	0%	0%	$0	$125,923	$125,923	$0	$5,167	$5,167	--	96%	96%
5	$0	$1,675	$1,675	$0	$4,862	$4,862	--	26%	26%	$0	$364,771	$364,771	$0	$18,029	$18,029	--	95%	95%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Oregon																		
1	$0	$3,168	$3,168	$0	$5,055	$5,055	--	39%	39%	$8	$50,176	$50,184	$0	$42,975	$42,975	100%	54%	54%
2	$0	$33	$33	$0	$537	$537	--	6%	6%	$0	$1,641	$1,641	$0	$3,197	$3,197	--	34%	34%
3	$0	$5,378	$5,378	$0	$43,965	$43,965	--	11%	11%	$0	$33,402	$33,402	$65,402	$17,625	$83,027	0%	65%	29%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,803	$3,803	$0	$389	$389	--	91%	91%
5	$0	$0	$0	$0	$247	$247	--	0%	0%	$0	$15,864	$15,864	$0	$3,803	$3,803	--	81%	81%
Pennsylvania																		
1	$0	$73,839	$73,839	$0	$107,938	$107,938	--	41%	41%	$0	$56,262	$56,262	$0	$22,771	$22,771	--	71%	71%
2	$0	$243	$243	$0	$0	$0	--	100%	100%	$0	$4,107	$4,107	$0	$2,044	$2,044	--	67%	67%
3	$0	$7,785	$7,785	$36	$17,887	$17,923	0%	30%	30%	$0	$54,848	$54,848	$248	$6,539	$6,786	0%	89%	89%
4	$0	$0	$0	$0	$0	$0	--	--	--	$0	$95,209	$95,209	$0	$18,371	$18,371	--	84%	84%
5	$0	$7,563	$7,563	$0	$25,123	$25,123	--	23%	23%	$0	$22,008	$22,008	$0	$9,546	$9,546	--	70%	70%
6	$0	$5,922	$5,922	$0	$16,213	$16,213	--	27%	27%	$0	$322,023	$322,023	$0	$17,992	$17,992	--	95%	95%
7	$0	$1,837	$1,837	$0	$1,700	$1,700	--	52%	52%	$0	$16,248	$16,248	$0	$23,346	$23,346	--	41%	41%
8	$0	$0	$0	$0	$651	$651	--	0%	0%	$78	$62,806	$62,884	$0	$63,650	$63,650	100%	50%	50%
9	$0	$0	$0	$0	$0	$0	--	--	--	$0	$6,129	$6,129	$0	$520	$520	--	92%	92%
10	$0	$0	$0	$0	$0	$0	--	--	--	$0	$991	$991	$0	$17,475	$17,475	--	5%	5%
11	$0	$544	$544	$0	$0	$0	--	100%	100%	$0	$13,224	$13,224	$0	$2,045	$2,045	--	87%	87%
12	$0	$587	$587	$0	$400	$400	--	59%	59%	$0	$81,298	$81,298	$0	$84,295	$84,295	--	49%	49%
13	$0	$6,958	$6,958	$113	$13,026	$13,140	0%	35%	35%	$0	$32,435	$32,435	$0	$4,121	$4,121	--	89%	89%
14	$0	$4,566	$4,566	$0	$28,773	$28,773	--	14%	14%	$0	$62,663	$62,663	$6	$10,469	$10,475	0%	86%	86%
15	$0	$26,269	$26,269	$4,595	$53,202	$57,797	0%	33%	31%	$0	$25,742	$25,742	$0	$16,718	$16,718	--	61%	61%
16	$0	$329	$329	$0	$0	$0	--	100%	100%	$0	$39,361	$39,361	$0	$29,394	$29,394	--	57%	57%
17	$0	$0	$0	$0	$501	$501	--	0%	0%	$0	$49,963	$49,963	$0	$21,287	$21,287	--	70%	70%
18	$0	$18,099	$18,099	$0	$1,371	$1,371	--	93%	93%	$0	$7,891	$7,891	$0	$11,307	$11,307	--	41%	41%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Rhode Island																		
1	$0	$41	$41	$0	$0	$0	--	100%	100%	$0	$1,955	$1,955	$0	$676	$676	--	74%	74%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$12,999	$12,999	$0	$6,152	$6,152	--	68%	68%
South Carolina																		
1	$0	$30,127	$30,127	$0	$39,346	$39,346	--	43%	43%	$0	$25,142	$25,142	$0	$11,077	$11,077	--	69%	69%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$9,832	$9,832	$0	$1,827	$1,827	--	84%	84%
3	$0	$105	$105	$0	$293	$293	--	26%	26%	$0	$76,330	$76,330	$0	$21,577	$21,577	--	78%	78%
4	$0	$192	$192	$0	$0	$0	--	100%	100%	$0	$95,807	$95,807	$0	$33,571	$33,571	--	74%	74%
5	$0	$45,376	$45,376	$0	$0	$0	--	100%	100%	$0	$58,813	$58,813	$0	$45,661	$45,661	--	56%	56%
6	$274	$60,433	$60,708	$0	$163,090	$163,090	100%	27%	27%	$0	$9,504	$9,504	$0	$1,951	$1,951	--	83%	83%
7	$0	$1,349	$1,349	$0	$52,696	$52,696	--	2%	2%	$0	$21,175	$21,175	$0	$6,231	$6,231	--	77%	77%
South Dakota																		
At Large	$45	$249,647	$249,692	$0	$482,684	$482,684	100%	34%	34%	$0	$30,444	$30,444	$0	$9,450	$9,450	--	76%	76%
Tennessee																		
1	$0	$2,409	$2,409	$0	$3,964	$3,964	--	38%	38%	$0	$9,676	$9,676	$0	$4,056	$4,056	--	70%	70%
2	$0	$5,071	$5,071	$0	$50,059	$50,059	--	9%	9%	$0	$108,775	$108,775	$2	$44,414	$44,416	0%	71%	71%
3	$0	$23,278	$23,278	$0	$16,042	$16,042	--	59%	59%	$0	$30,217	$30,217	$0	$54,564	$54,564	--	36%	36%
4	$0	$0	$0	$0	$14,060	$14,060	--	0%	0%	$864	$148,644	$149,508	$0	$265,393	$265,393	100%	36%	36%
5	$0	$27,629	$27,629	$0	$24,636	$24,636	--	53%	53%	$0	$208,611	$208,611	$0	$180,390	$180,390	--	54%	54%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$331,687	$331,687	$0	$76,907	$76,907	--	81%	81%
7	$0	$1,019	$1,019	$0	$3,260	$3,260	--	24%	24%	$0	$23,553	$23,553	$0	$15,577	$15,577	--	60%	60%
8	$0	$53,665	$53,665	$0	$69,552	$69,552	--	44%	44%	$0	$208,660	$208,660	$92	$82,283	$82,374	0%	72%	72%
9	$0	$300,043	$300,043	$0	$144,314	$144,314	--	68%	68%	$0	$421,477	$421,477	$0	$328,571	$328,571	--	56%	56%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Texas	$0	$160	$160	$0	$2,591	$2,591	--	6%	6%	$0	$67,109	$67,109	$0	$3,262	$3,262	--	95%	95%
1	$92	$181,598	$181,690	$0	$411,999	$411,999	100%	31%	31%	$0	$716,805	$716,805	$0	$207,067	$207,067	--	78%	78%
2	$0	$7,737	$7,737	$0	$37,392	$37,392	--	17%	17%	$0	$92,561	$92,561	$0	$173,565	$173,565	--	35%	35%
3	$0	$226	$226	$0	$0	$0	--	100%	100%	$0	$50,615	$50,615	$0	$5,669	$5,669	--	90%	90%
4	$0	$321	$321	$0	$4,371	$4,371	--	7%	7%	$0	$67,283	$67,283	$0	$17,504	$17,504	--	79%	79%
5	$0	$4,941	$4,941	$0	$0	$0	--	100%	100%	$88	$345,506	$345,595	$0	$47,119	$47,119	100%	88%	88%
6	$46,691	$551,416	$598,107	$6,012	$432,595	$438,606	89%	56%	58%	$4,822	$76,006	$80,828	$1,447,232	$31,278	$1,478,510	0%	71%	5%
7	$0	$42,482	$42,482	$0	$40,611	$40,611	--	51%	51%	$0	$35,403	$35,403	$0	$4,741	$4,741	--	88%	88%
8	$0	$3,156	$3,156	$8,432	$3,478	$11,910	0%	48%	21%	$2,708	$133,116	$135,824	$218	$34,300	$34,518	93%	80%	80%
9	$0	$644	$644	$0	$13,245	$13,245	--	5%	5%	$0	$25,344	$25,344	$0	$4,045	$4,045	--	86%	86%
10	$0	$0	$0	$0	$0	$0	--	--	--	$0	$51,159	$51,159	$0	$3,493	$3,493	--	94%	94%
11	$0	$38,367	$38,367	$0	$3,559	$3,559	--	92%	92%	$0	$101,304	$101,304	$0	$18,546	$18,546	--	85%	85%
12	$0	$0	$0	$0	$0	$0	--	--	--	$0	$5,602	$5,602	$0	$614	$614	--	90%	90%
13	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,114	$3,114	$0	$454	$454	--	87%	87%
14	$0	$0	$0	$0	$433	$433	--	0%	0%	$0	$129,791	$129,791	$0	$71,383	$71,383	--	65%	65%
15	$0	$28,395	$28,395	$0	$80,253	$80,253	--	26%	26%	$0	$684,564	$684,564	$0	$198,452	$198,452	--	78%	78%
16	$0	$4,142	$4,142	$0	$737	$737	--	85%	85%	$0	$49,292	$49,292	$0	$28,548	$28,548	--	63%	63%
17	$0	$178,990	$178,990	$40,467	$323,017	$363,484	0%	36%	33%	$561	$149,303	$149,864	$3,196	$86,669	$89,865	15%	63%	63%
18	$0	$5,832	$5,832	$0	$120,400	$120,400	--	5%	5%	$0	$28,444	$28,444	$0	$4,524	$4,524	--	86%	86%
19	$0	$35,208	$35,208	$0	$144	$144	--	100%	100%	$0	$35,403	$35,403	$0	$4,923	$4,923	--	88%	88%
20	$0	$10,990	$10,990	$0	$678	$678	--	94%	94%	$0	$11,918	$11,918	$0	$1,870	$1,870	--	86%	86%
21	$233	$30,934	$31,167	$0	$76,132	$76,132	100%	29%	29%	$0	$73,118	$73,118	$0	$9,130	$9,130	--	89%	89%
22	$0	$6,062	$6,062	$0	$19,187	$19,187	--	24%	24%	$0	$175,960	$175,960	$0	$61,811	$61,811	--	74%	74%
23	$25,055	$1,279,923	$1,304,978	$5,570	$708,539	$714,109	82%	64%	65%	$3	$668,893	$668,896	$0	$274,406	$274,406	100%	71%	71%
24	$0	$301	$301	$0	$1,013	$1,013	--	23%	23%	$3,276	$49,759	$53,035	$0	$5,191	$5,191	100%	91%	91%
25	$0	$160	$160	$0	$2,591	$2,591	--	6%	6%	$0	$67,109	$67,109	$0	$3,262	$3,262	--	95%	95%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Texas																		
26	$0	$0	$0	$0	$0	$0	--	--	--	$0	$55,567	$55,567	$0	$12,882	$12,882	--	81%	81%
27	$0	$0	$0	$0	$0	$0	--	--	--	$0	$14,090	$14,090	$0	$13,700	$13,700	--	51%	51%
28	$0	$0	$0	$0	$7,740	$7,740	--	0%	0%	$0	$93,059	$93,059	$14	$30,494	$30,508	0%	75%	75%
29	$0	$20,197	$20,197	$3,573	$79,273	$82,846	0%	20%	20%	$1,954	$48,254	$50,208	$330	$13,061	$13,392	86%	79%	79%
30	$0	$3,549	$3,549	$0	$11,845	$11,845	--	23%	23%	$0	$138,933	$138,933	$0	$71,248	$71,248	--	66%	66%
31	$0	$9,301	$9,301	$0	$20,701	$20,701	--	31%	31%	$0	$7,307	$7,307	$0	$2,467	$2,467	--	75%	75%
32	$0	$482,731	$482,731	$0	$850,798	$850,798	--	36%	36%	$0	$133,380	$133,380	$0	$40,076	$40,076	--	77%	77%
33	$0	$3,215	$3,215	$0	$2,038	$2,038	--	61%	61%	$159	$414,934	$415,093	$0	$75,205	$75,205	100%	85%	85%
34	$0	$0	$0	$0	$0	$0	--	--	--	$0	$33,469	$33,469	$0	$12,826	$12,826	--	72%	72%
35	$0	$0	$0	$0	$0	$0	--	--	--	$0	$37,871	$37,871	$0	$1,628	$1,628	--	96%	96%
36	$0	$54,730	$54,730	$30	$179,281	$179,311	0%	23%	23%	$0	$39,242	$39,242	$0	$11,079	$11,079	--	78%	78%
Utah																		
1	$0	$1,368	$1,368	$0	$2,505	$2,505	--	35%	35%	$0	$130,761	$130,761	$0	$42,902	$42,902	--	75%	75%
2	$0	$23,224	$23,224	$103	$28,509	$28,612	0%	45%	45%	$0	$134,367	$134,367	$0	$38,599	$38,599	--	78%	78%
3	$0	$1,180	$1,180	$0	$15,748	$15,748	--	7%	7%	$0	$108,812	$108,812	$0	$15,828	$15,828	--	87%	87%
4	$0	$6,261	$6,261	$0	$61,731	$61,731	--	9%	9%	$0	$86,731	$86,731	$60	$27,950	$28,010	0%	76%	76%
Vermont																		
At Large	$0	$0	$0	$0	$0	$0	--	--	--	$637	$6,861	$7,498	$0	$469	$469	100%	94%	94%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
Virginia																		
1	$0	$0	$0	$0	$0	$0	--	--	--	$0	$10,610	$10,610	$0	$712	$712	--	94%	94%
2	$7,461	$603	$8,065	$0	$2,423	$2,423	100%	20%	77%	$0	$9,614	$9,614	$0	$8,435	$8,435	--	53%	53%
3	$0	$84,542	$84,542	$572	$205,924	$206,496	0%	29%	29%	$0	$26,464	$26,464	$0	$8,157	$8,157	--	76%	76%
4	$0	$1,491	$1,491	$0	$19,905	$19,905	--	7%	7%	$54	$21,659	$21,713	$0	$3,205	$3,205	100%	87%	87%
5	$0	$163	$163	$0	$5,097	$5,097	--	3%	3%	$0	$9,177	$9,177	$0	$3,851	$3,851	--	70%	70%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$22,691	$22,691	$0	$2,846	$2,846	--	89%	89%
7	$0	$11	$11	$0	$0	$0	--	100%	100%	$0	$140,517	$140,517	$0	$423,355	$423,355	--	25%	25%
8	$0	$5,288	$5,288	$0	$215	$215	--	96%	96%	$966	$1,834	$2,801	$0	$73	$73	100%	96%	97%
9	$0	$141	$141	$0	$0	$0	--	100%	100%	$0	$12,790	$12,790	$0	$2,980	$2,980	--	81%	81%
10	$0	$443	$443	$0	$115	$115	--	79%	79%	$0	$10,344	$10,344	$0	$2,835	$2,835	--	78%	78%
11	$0	$0	$0	$0	$0	$0	--	--	--	$0	$8,159	$8,159	$0	$79,256	$79,256	--	9%	9%
Washington																		
1	$0	$511	$511	$0	$511	$511	--	50%	50%	$0	$33,179	$33,179	$0	$9,999	$9,999	--	77%	77%
2	$0	$6,375	$6,375	$0	$5,419	$5,419	--	54%	54%	$0	$12,241	$12,241	$0	$11,530	$11,530	--	51%	51%
3	$0	$1,956	$1,956	$0	$497	$497	--	80%	80%	$0	$20,530	$20,530	$0	$1,232	$1,232	--	94%	94%
4	$0	$3,809	$3,809	$0	$2,120	$2,120	--	64%	64%	$0	$4,814	$4,814	$0	$444	$444	--	92%	92%
5	$0	$0	$0	$0	$0	$0	--	--	--	$0	$5,866	$5,866	$0	$409	$409	--	93%	93%
6	$0	$818	$818	$0	$759	$759	--	52%	52%	$0	$11,479	$11,479	$0	$17,431	$17,431	--	40%	40%
7	$0	$19,974	$19,974	$40	$41,556	$41,596	0%	32%	32%	$1,138	$1,195,372	$1,196,510	$0	$165,191	$165,191	100%	88%	88%
8	$0	$29,017	$29,017	$98	$142,694	$142,792	0%	17%	17%	$0	$56,261	$56,261	$0	$3,461	$3,461	--	94%	94%
9	$0	$27,758	$27,758	$0	$127,346	$127,346	--	18%	18%	$0	$57,384	$57,384	$0	$56,493	$56,493	--	50%	50%
10	$0	$0	$0	$0	$0	$0	--	--	--	$0	$7,943	$7,943	$0	$918	$918	--	90%	90%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by Congressional District ($1,000s) (continued)

| Dist. | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
West Virginia																		
1	$0	$0	$0	$0	$390	$390	--	0%	0%	$0	$46,300	$46,300	$0	$1,082	$1,082	--	98%	98%
2	$0	$0	$0	$0	$0	$0	--	--	--	$0	$3,623	$3,623	$0	$14,807	$14,807	--	20%	20%
3	$0	$0	$0	$0	$0	$0	--	--	--	$0	$6,881	$6,881	$0	$212	$212	--	97%	97%
Wisconsin																		
1	$0	$16,330	$16,330	$0	$21,508	$21,508	--	43%	43%	$0	$156,361	$156,361	$7,258	$177,155	$184,413	0%	47%	46%
2	$0	$200	$200	$0	$0	$0	--	100%	100%	$0	$56,726	$56,726	$0	$76,804	$76,804	--	42%	42%
3	$0	$6,648	$6,648	$0	$13,242	$13,242	--	33%	33%	$0	$24,377	$24,377	$0	$11,647	$11,647	--	68%	68%
4	$0	$8,542	$8,542	$92	$32,817	$32,909	0%	21%	21%	$0	$64,389	$64,389	$5	$43,780	$43,784	0%	60%	60%
5	$0	$1,007	$1,007	$0	$1,022	$1,022	--	50%	50%	$0	$150,969	$150,969	$95	$42,642	$42,737	0%	78%	78%
6	$0	$1,390	$1,390	$0	$1,929	$1,929	--	42%	42%	$0	$114,812	$114,812	$0	$49,080	$49,080	--	70%	70%
7	$0	$541	$541	$0	$0	$0	--	100%	100%	$0	$2,353	$2,353	$0	$1,008	$1,008	--	70%	70%
8	$0	$19,943	$19,943	$0	$33,009	$33,009	--	38%	38%	$0	$32,358	$32,358	$0	$60,719	$60,719	--	35%	35%
Wyoming																		
At Large	$0	$0	$0	$0	$160	$160	--	0%	0%	$0	$41,050	$41,050	$0	$18,517	$18,517	--	69%	69%

Note: All figures are in $1,000s

California State Senate

Table 3-2: Trade Value Subject to Tariffs, by State Senate District ($1,000s)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
1	$0	$7,662	$7,662	$0	$27,891	$27,891	--	22%	22%	$0	$11,922	$11,922	$0	$1,907	$1,907	--	86%	86%
2	$0	$8,554	$8,554	$0	$6,299	$6,299	--	58%	58%	$0	$37,207	$37,207	$0	$21,520	$21,520	--	63%	63%
3	$0	$8,318	$8,318	$0	$19,810	$19,810	--	30%	30%	$0	$51,122	$51,122	$0	$21,064	$21,064	--	71%	71%
4	$0	$43,219	$43,219	$0	$230,399	$230,399	--	16%	16%	$0	$44,920	$44,920	$0	$14,413	$14,413	--	76%	76%
5	$0	$845	$845	$0	$686	$686	--	55%	55%	$0	$18,207	$18,207	$0	$5,725	$5,725	--	76%	76%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$7,943	$7,943	$0	$7,700	$7,700	--	51%	51%
7	$0	$34,580	$34,580	$0	$49,350	$49,350	--	41%	41%	$2,900	$54,469	$57,369	$0	$44,669	$44,669	100%	55%	56%
8	$0	$7,449	$7,449	$0	$14,957	$14,957	--	33%	33%	$0	$63,712	$63,712	$0	$23,998	$23,998	--	73%	73%
9	$0	$12,695	$12,695	$1,903	$98,102	$100,005	0%	11%	11%	$0	$43,531	$43,531	$0	$45,416	$45,416	--	49%	49%
10	$0	$11,043	$11,043	$703	$39,587	$40,290	0%	22%	22%	$0	$582,425	$582,425	$0	$180,786	$180,786	--	76%	76%
11	$0	$16,762	$16,762	$0	$13,049	$13,049	--	56%	56%	$0	$260,327	$260,327	$40,743	$432,723	$473,466	0%	38%	35%
12	$0	$277	$277	$0	$4,416	$4,416	--	6%	6%	$0	$10,728	$10,728	$9,211	$9,194	$18,405	0%	54%	37%
13	$94	$222,669	$222,763	$2,044	$408,442	$410,487	4%	35%	35%	$0	$240,537	$240,537	$0	$25,955	$25,955	--	90%	90%
14	$8,924	$119,914	$128,838	$259	$519,755	$520,014	97%	19%	20%	$0	$39,958	$39,958	$8,884	$47,047	$55,931	0%	46%	42%
15	$0	$0	$0	$0	$1,189	$1,189	--	0%	0%	$0	$117,753	$117,753	$0	$27,306	$27,306	--	81%	81%
16	$12,723	$325,248	$337,970	$17,488	$402,815	$420,302	42%	45%	45%	$463	$122,143	$122,606	$0	$12,024	$12,024	100%	91%	91%
17	$0	$27,045	$27,045	$0	$28,434	$28,434	--	49%	49%	$0	$109,753	$109,753	$0	$43,628	$43,628	--	72%	72%
18	$0	$0	$0	$0	$3,377	$3,377	--	0%	0%	$0	$255,417	$255,417	$0	$66,296	$66,296	--	79%	79%
19	$0	$3,661	$3,661	$0	$40,627	$40,627	--	8%	8%	$0	$305,312	$305,312	$0	$228,107	$228,107	--	57%	57%
20	$0	$701,648	$701,648	$3,320	$201,551	$204,871	0%	78%	77%	$9,335	$3,401,297	$3,410,631	$1,731,571	$885,043	$2,616,614	1%	79%	57%
21	$12	$226	$238	$0	$2,580	$2,580	100%	8%	8%	$0	$537,758	$537,758	$0	$373,094	$373,094	--	59%	59%
22	$36,578	$542,549	$579,127	$633	$536,456	$537,089	98%	50%	52%	$4,361	$2,782,595	$2,786,956	$1,404	$886,877	$888,281	76%	76%	76%
23	$0	$58,926	$58,926	$14,056	$210,395	$224,450	0%	22%	21%	$0	$740,889	$740,889	$0	$346,090	$346,090	--	68%	68%
24	$0	$78,144	$78,144	$335	$82,554	$82,889	0%	49%	49%	$5,414	$604,564	$609,978	$6,691	$346,977	$353,669	45%	64%	63%
25	$102,849	$28,149	$130,999	$42,243	$131,019	$173,261	71%	18%	43%	$7,640	$474,605	$482,244	$0	$373,268	$373,268	100%	56%	56%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by State Senate District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
26	$13,414	$206,172	$219,586	$10,235	$483,056	$493,291	57%	30%	31%	$19,704	$1,158,231	$1,177,935	$105,524	$1,406,292	$1,511,817	16%	45%	44%
27	$0	$15,743	$15,743	$0	$41,180	$41,180	--	28%	28%	$0	$515,971	$515,971	$0	$150,703	$150,703	--	77%	77%
28	$0	$70	$70	$0	$4,623	$4,623	--	1%	1%	$0	$72,582	$72,582	$0	$26,686	$26,686	--	73%	73%
29	$53	$1,186,452	$1,186,506	$4,783	$1,638,458	$1,643,241	1%	42%	42%	$1,371	$2,426,091	$2,427,462	$3,216	$1,048,579	$1,051,796	30%	70%	70%
30	$0	$12,064	$12,064	$0	$53,260	$53,260	--	18%	18%	$18,649	$1,576,086	$1,594,735	$60,400	$440,901	$501,301	24%	78%	76%
31	$0	$6,337	$6,337	$7,049	$24,324	$31,373	0%	21%	17%	$155	$958,305	$958,460	$2,912	$479,485	$482,397	5%	67%	67%
32	$0	$309,166	$309,166	$1,096	$433,253	$434,350	0%	42%	42%	$5,942	$2,580,289	$2,586,230	$61,699	$1,231,932	$1,293,631	9%	68%	67%
33	$4,425	$102,633	$107,058	$5,031	$809,468	$814,499	47%	11%	12%	$4,074	$1,924,400	$1,928,474	$9,143	$776,340	$785,483	31%	71%	71%
34	$1,856	$64,342	$66,198	$3,006	$187,829	$190,835	38%	26%	26%	$1,506	$566,193	$567,699	$155,954	$302,992	$458,946	1%	65%	55%
35	$4,690	$1,921,325	$1,926,015	$38,797	$9,419,548	$9,458,345	11%	17%	17%	$8,090	$2,516,795	$2,524,886	$2,542,803	$1,480,728	$4,023,531	0%	63%	39%
36	$1,439	$46,041	$47,480	$0	$578,817	$578,817	100%	7%	8%	$1,315	$327,875	$329,190	$5,406	$106,818	$112,224	20%	75%	75%
37	$120	$189,071	$189,191	$0	$228,481	$228,481	100%	45%	45%	$17,288	$1,287,559	$1,304,847	$12,779	$637,927	$650,706	57%	67%	67%
38	$0	$853	$853	$0	$658	$658	--	56%	56%	$0	$202,089	$202,089	$0	$60,840	$60,840	--	77%	77%
39	$0	$6,670	$6,670	$303	$11,694	$11,998	0%	36%	36%	$3,089	$356,917	$360,005	$1,325	$63,348	$64,672	70%	85%	85%
40	$0	$40,070	$40,070	$109	$219,701	$219,810	0%	15%	15%	$5,088	$791,898	$796,986	$1,904	$953,451	$955,355	73%	45%	45%

Note: All figures are in $1,000s

California State Assembly

Table 3-3: Trade Value Subject to Tariffs, by State Assembly District ($1,000s)

	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
1	$0	$350	$350	$0	$50	$50	--	88%	88%	$0	$8,083	$8,083	$0	$329	$329	--	96%	96%
2	$0	$0	$0	$0	$5	$5	--	0%	0%	$0	$7,465	$7,465	$0	$2,028	$2,028	--	79%	79%
3	$0	$2,119	$2,119	$0	$127	$127	--	94%	94%	$0	$6,916	$6,916	$0	$11,811	$11,811	--	37%	37%
4	$0	$8,304	$8,304	$0	$18,575	$18,575	--	31%	31%	$0	$32,527	$32,527	$0	$5,021	$5,021	--	87%	87%
5	$0	$487	$487	$0	$1,883	$1,883	--	21%	21%	$0	$10,311	$10,311	$210	$5,001	$5,211	0%	67%	66%
6	$0	$48,412	$48,412	$0	$258,113	$258,113	--	16%	16%	$0	$12,260	$12,260	$0	$1,529	$1,529	--	89%	89%
7	$0	$0	$0	$0	$0	$0	--	--	--	$0	$6,779	$6,779	$0	$5,777	$5,777	--	54%	54%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$29,602	$29,602	$0	$2,541	$2,541	--	92%	92%
9	$0	$0	$0	$0	$264	$264	--	0%	0%	$0	$2,918	$2,918	$0	$2,554	$2,554	--	53%	53%
10	$0	$8,567	$8,567	$0	$7,529	$7,529	--	53%	53%	$0	$47,285	$47,285	$0	$33,652	$33,652	--	58%	58%
11	$0	$0	$0	$0	$0	$0	--	--	--	$0	$7,480	$7,480	$0	$1,960	$1,960	--	79%	79%
12	$0	$845	$845	$0	$422	$422	--	67%	67%	$0	$1,174	$1,174	$0	$246	$246	--	83%	83%
13	$0	$0	$0	$0	$0	$0	--	--	--	$0	$14,920	$14,920	$0	$4,721	$4,721	--	76%	76%
14	$0	$1,028	$1,028	$0	$19	$19	--	98%	98%	$2,900	$14,884	$17,783	$0	$1,033	$1,033	100%	94%	95%
15	$0	$4,941	$4,941	$0	$1,963	$1,963	--	72%	72%	$0	$6,869	$6,869	$0	$3,824	$3,824	--	64%	64%
16	$0	$33,552	$33,552	$0	$49,331	$49,331	--	40%	40%	$0	$33,158	$33,158	$0	$43,540	$43,540	--	43%	43%
17	$0	$7,245	$7,245	$0	$12,454	$12,454	--	37%	37%	$0	$244,177	$244,177	$40,743	$432,259	$473,002	0%	36%	34%
18	$0	$7,754	$7,754	$1,903	$96,139	$98,042	0%	7%	7%	$0	$37,523	$37,523	$0	$41,591	$41,591	--	47%	47%
19	$0	$9,517	$9,517	$0	$595	$595	--	94%	94%	$0	$16,150	$16,150	$0	$464	$464	--	97%	97%
20	$0	$2,981	$2,981	$703	$14,592	$15,294	0%	17%	16%	$0	$108,122	$108,122	$0	$33,902	$33,902	--	76%	76%
21	$0	$0	$0	$0	$0	$0	--	--	--	$0	$1,758	$1,758	$0	$892	$892	--	66%	66%
22	$94	$220,507	$220,600	$2,044	$400,939	$402,983	4%	35%	35%	$0	$200,341	$200,341	$0	$18,616	$18,616	--	91%	91%
23	$0	$5,831	$5,831	$0	$13,074	$13,074	--	31%	31%	$0	$52,833	$52,833	$0	$16,697	$16,697	--	76%	76%
24	$0	$2,162	$2,162	$0	$7,503	$7,503	--	22%	22%	$0	$40,179	$40,179	$0	$7,331	$7,331	--	85%	85%
25	$0	$8,061	$8,061	$0	$24,995	$24,995	--	24%	24%	$0	$488,355	$488,355	$0	$146,023	$146,023	--	77%	77%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by State Assembly District ($1,000s) (continued)

| | Exports ($1,000s) | | | | | | | | | Imports ($1,000s) | | | | | | | | |
| | Tariff | | | Non-Tariff | | | Tariff Share | | | Tariff | | | Non-Tariff | | | Tariff Share | | |
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
26	$0	$58,314	$58,314	$32	$102,442	$102,474	0%	36%	36%	$0	$53,897	$53,897	$15	$26,681	$26,696	0%	67%	67%
27	$0	$0	$0	$0	$0	$0	--	--	--	$0	$63,995	$63,995	$0	$2,280	$2,280	--	97%	97%
28	$0	$0	$0	$0	$1,189	$1,189	--	0%	0%	$0	$39,703	$39,703	$0	$26,070	$26,070	--	60%	60%
29	$0	$23,665	$23,665	$0	$22,056	$22,056	--	52%	52%	$0	$13,913	$13,913	$0	$6,626	$6,626	--	68%	68%
30	$0	$3,449	$3,449	$0	$10,727	$10,727	--	24%	24%	$0	$4,951	$4,951	$0	$26,875	$26,875	--	16%	16%
31	$0	$1,155	$1,155	$0	$20,178	$20,178	--	5%	5%	$0	$21,066	$21,066	$9,001	$8,006	$17,007	0%	72%	55%
32	$8,924	$102,384	$111,308	$259	$464,652	$464,911	97%	18%	19%	$0	$8,501	$8,501	$8,869	$26,168	$35,036	0%	25%	20%
33	$12	$2,833	$2,845	$0	$637	$637	100%	82%	82%	$0	$333,626	$333,626	$0	$83,609	$83,609	--	80%	80%
34	$0	$74,586	$74,586	$1,184	$174,589	$175,773	0%	30%	30%	$463	$73,590	$74,053	$0	$6,907	$6,907	100%	91%	91%
35	$0	$0	$0	$0	$32	$32	--	0%	0%	$0	$96,332	$96,332	$0	$14,639	$14,639	--	87%	87%
36	$12,723	$207,400	$220,123	$16,271	$160,302	$176,573	44%	56%	55%	$0	$178,295	$178,295	$0	$351,183	$351,183	--	34%	34%
37	$0	$3,569	$3,569	$0	$40,535	$40,535	--	8%	8%	$0	$144,684	$144,684	$0	$167,553	$167,553	--	46%	46%
38	$0	$4,894	$4,894	$0	$24,515	$24,515	--	17%	17%	$0	$206,110	$206,110	$0	$34,943	$34,943	--	86%	86%
39	$0	$0	$0	$0	$324	$324	--	0%	0%	$0	$160,119	$160,119	$0	$37,632	$37,632	--	81%	81%
40	$0	$58,894	$58,894	$14,056	$210,059	$224,115	0%	22%	21%	$0	$548,987	$548,987	$0	$254,938	$254,938	--	68%	68%
41	$102,849	$21,676	$124,526	$42,243	$148,154	$190,397	71%	13%	40%	$7,640	$232,525	$240,164	$0	$303,831	$303,831	100%	43%	44%
42	$0	$0	$0	$0	$362	$362	--	0%	0%	$0	$150,729	$150,729	$0	$19,751	$19,751	--	88%	88%
43	$0	$759	$759	$0	$33,257	$33,257	--	2%	2%	$0	$80,586	$80,586	$0	$62,403	$62,403	--	56%	56%
44	$0	$302	$302	$0	$92	$92	--	77%	77%	$0	$343,632	$343,632	$0	$84,844	$84,844	--	80%	80%
45	$0	$10,495	$10,495	$0	$13,955	$13,955	--	43%	43%	$0	$161,407	$161,407	$0	$94,625	$94,625	--	63%	63%
46	$0	$0	$0	$0	$3,053	$3,053	--	0%	0%	$0	$100,186	$100,186	$0	$28,176	$28,176	--	78%	78%
47	$0	$1,263	$1,263	$0	$1,053	$1,053	--	55%	55%	$0	$325,389	$325,389	$0	$65,299	$65,299	--	83%	83%
48	$35,368	$45,647	$81,015	$96	$91,290	$91,386	100%	33%	47%	$0	$581,477	$581,477	$0	$139,450	$139,450	--	81%	81%
49	$1,210	$290,977	$292,187	$346	$271,306	$271,652	78%	52%	52%	$480	$764,095	$764,575	$1,404	$163,898	$165,302	25%	82%	82%
50	$13,237	$4,936	$18,173	$7,423	$17,811	$25,234	64%	22%	42%	$14,131	$267,305	$281,436	$6,430	$677,372	$683,802	69%	28%	29%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by State Assembly District ($1,000s) (continued)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
51	$0	$58,036	$58,036	$0	$45,815	$45,815	--	56%	56%	$633	$242,507	$243,140	$1,428	$212,786	$214,214	31%	53%	53%
52	$0	$700,385	$700,385	$3,320	$200,498	$203,818	0%	78%	77%	$9,335	$3,075,907	$3,085,242	$1,731,571	$819,744	$2,551,315	1%	79%	55%
53	$0	$30,777	$30,777	$498	$60,863	$61,361	0%	34%	33%	$24,451	$2,338,085	$2,362,536	$65,797	$667,039	$732,837	27%	78%	76%
54	$0	$4,623	$4,623	$0	$42,538	$42,538	--	10%	10%	$5,528	$354,001	$359,529	$60	$149,566	$149,626	99%	70%	71%
55	$53	$1,084,915	$1,084,969	$375	$534,557	$534,932	12%	67%	67%	$0	$2,000,885	$2,000,885	$0	$671,219	$671,219	--	75%	75%
56	$0	$37,055	$37,055	$0	$151,212	$151,212	--	20%	20%	$0	$210,370	$210,370	$1,904	$58,741	$60,646	0%	78%	78%
57	$0	$395,909	$395,909	$656	$276,065	$276,720	0%	59%	59%	$8,696	$2,798,885	$2,807,580	$2,491	$1,211,487	$1,213,978	78%	70%	70%
58	$0	$124,348	$124,348	$216	$182,597	$182,813	0%	41%	40%	$1,127	$1,353,932	$1,355,059	$59,208	$453,616	$512,824	2%	75%	73%
59	$0	$3,260	$3,260	$533	$30,302	$30,835	0%	10%	10%	$431	$474,611	$475,042	$0	$144,354	$144,354	100%	77%	77%
60	$0	$4,698	$4,698	$7,049	$24,139	$31,188	0%	16%	13%	$0	$497,377	$497,377	$2,912	$156,399	$159,311	0%	76%	76%
61	$0	$1,639	$1,639	$0	$185	$185	--	90%	90%	$155	$460,928	$461,083	$0	$323,086	$323,086	100%	59%	59%
62	$177	$520,550	$520,727	$2,800	$740,945	$743,744	6%	41%	41%	$73	$506,215	$506,288	$44	$217,043	$217,087	62%	70%	70%
63	$0	$25,703	$25,703	$2,373	$306,021	$308,394	0%	8%	8%	$0	$690,206	$690,206	$0	$266,494	$266,494	--	72%	72%
64	$4,154	$1,285,762	$1,289,915	$37,294	$7,968,090	$8,005,384	10%	14%	14%	$5,066	$1,737,914	$1,742,980	$78,625	$859,784	$938,409	6%	67%	65%
65	$0	$102,084	$102,084	$4,824	$1,201,959	$1,206,783	0%	8%	8%	$0	$405,474	$405,474	$2,998	$521,560	$524,558	0%	44%	44%
66	$537	$282,579	$283,116	$1,439	$995,798	$997,237	27%	22%	22%	$2,996	$992,586	$995,582	$2,563,228	$1,021,287	$3,584,515	0%	49%	22%
67	$0	$52	$52	$0	$4,242	$4,242	--	1%	1%	$0	$31,978	$31,978	$0	$10,794	$10,794	--	75%	75%
68	$0	$179,546	$179,546	$0	$167,453	$167,453	--	52%	52%	$800	$761,188	$761,988	$3,958	$401,497	$405,455	17%	65%	65%
69	$0	$2,531	$2,531	$156	$82,438	$82,594	0%	3%	3%	$2,877	$354,073	$356,950	$239	$167,388	$167,627	92%	68%	68%
70	$4,425	$123,625	$128,050	$2,039	$707,698	$709,737	68%	15%	15%	$2,622	$204,537	$207,159	$8,949	$258,573	$267,522	23%	44%	44%
71	$0	$36	$36	$0	$30	$30	--	54%	54%	$0	$27,046	$27,046	$0	$10,972	$10,972	--	71%	71%
72	$1,856	$42,525	$44,381	$2,850	$42,492	$45,342	39%	50%	49%	$0	$267,582	$267,582	$155,933	$130,178	$286,111	0%	67%	48%
73	$1,439	$41,702	$43,141	$0	$576,787	$576,787	100%	7%	7%	$1,315	$138,005	$139,320	$5,406	$27,767	$33,173	20%	83%	81%
74	$120	$9,525	$9,645	$0	$61,027	$61,027	100%	14%	14%	$16,488	$521,046	$537,534	$8,821	$235,609	$244,430	65%	69%	69%
75	$0	$817	$817	$0	$355	$355	--	70%	70%	$0	$161,929	$161,929	$0	$31,464	$31,464	--	84%	84%

Note: All figures are in $1,000s

Trade Value Subject to Tariffs, by State Assembly District ($1,000s) (continued)

	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
Dist.	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
76	$0	$4,339	$4,339	$0	$2,030	$2,030	--	68%	68%	$0	$186,805	$186,805	$0	$78,883	$78,883	--	70%	70%
77	$0	$1,997	$1,997	$0	$5,073	$5,073	--	28%	28%	$0	$298,793	$298,793	$339	$87,100	$87,439	0%	77%	77%
78	$0	$4,663	$4,663	$303	$7,083	$7,386	0%	40%	39%	$117	$49,736	$49,853	$0	$8,067	$8,067	100%	86%	86%
79	$0	$10	$10	$0	$167	$167	--	6%	6%	$2,971	$93,269	$96,241	$986	$21,973	$22,959	75%	81%	81%
80	$0	$3,033	$3,033	$109	$68,489	$68,598	0%	4%	4%	$5,088	$557,336	$562,424	$0	$876,279	$876,279	100%	39%	39%

Note: All figures are in $1,000s

Los Angeles County Supervisor Districts

Table 3-4: Trade Value Subject to Tariffs, by Los Angeles County Supervisor District ($1,000s)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
1	$36,282	$1,058,944	$1,095,226	$1,377	$889,657	$891,034	96%	54%	55%	$28,227	$7,192,747	$7,220,974	$68,553	$2,357,633	$2,426,186	29%	75%	75%
2	$3,121	$959,601	$962,722	$29,020	$7,553,642	$7,582,662	10%	11%	11%	$4,672	$3,127,791	$3,132,463	$2,975	$1,242,990	$1,245,965	61%	72%	72%
3	$13,237	$15,943	$29,180	$7,423	$35,078	$42,500	64%	31%	41%	$19,659	$849,687	$869,347	$6,430	$871,675	$878,105	75%	49%	50%
4	$6,171	$1,986,776	$1,992,948	$18,137	$3,496,430	$3,514,567	25%	36%	36%	$13,675	$3,737,260	$3,750,936	$2,709,707	$2,516,970	$5,226,676	1%	60%	42%
5	$103,199	$188,559	$291,758	$42,290	$371,164	$413,454	71%	34%	41%	$7,640	$1,143,108	$1,150,748	$0	$845,796	$845,796	100%	57%	58%

Note: All figures are in $1,000s

Los Angeles City Council Districts

Table 3-5: Trade Value Subject to Tariffs, by Los Angeles City Council District ($1,000s)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
1	$0	$15,520	$15,520	$0	$7,450	$7,450	--	68%	68%	$633	$175,198	$175,831	$1,428	$148,917	$150,345	31%	54%	54%
2	$0	$0	$0	$0	$324	$324	--	0%	0%	$0	$68,585	$68,585	$0	$14,531	$14,531	--	83%	83%
3	$0	$0	$0	$0	$186	$186	--	0%	0%	$0	$36,649	$36,649	$0	$16,002	$16,002	--	70%	70%
4	$0	$817	$817	$0	$9	$9	--	99%	99%	$212	$52,116	$52,327	$0	$10,212	$10,212	100%	84%	84%
5	$0	$2,435	$2,435	$0	$2,788	$2,788	--	47%	47%	$0	$95,626	$95,626	$0	$66,696	$66,696	--	59%	59%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$96,440	$96,440	$0	$35,705	$35,705	--	73%	73%
7	$0	$0	$0	$0	$0	$0	--	--	--	$0	$50,452	$50,452	$0	$8,383	$8,383	--	86%	86%
8	$0	$0	$0	$0	$0	$0	--	--	--	$0	$29,337	$29,337	$0	$2,445	$2,445	--	92%	92%
9	$0	$333	$333	$51	$878	$929	0%	28%	26%	$0	$342,018	$342,018	$0	$89,789	$89,789	--	79%	79%
10	$0	$0	$0	$0	$6,067	$6,067	--	0%	0%	$1,207	$59,512	$60,719	$60	$65,977	$66,037	95%	47%	48%
11	$177	$146,742	$146,919	$288	$124,501	$124,789	38%	54%	54%	$5,528	$300,331	$305,859	$0	$129,980	$129,980	100%	70%	70%
12	$0	$0	$0	$0	$3,128	$3,128	--	0%	0%	$0	$98,473	$98,473	$0	$67,168	$67,168	--	59%	59%
13	$0	$1,709	$1,709	$0	$0	$0	--	100%	100%	$0	$45,631	$45,631	$0	$49,208	$49,208	--	48%	48%
14	$0	$11,897	$11,897	$335	$45,609	$45,945	0%	21%	21%	$22,224	$1,391,161	$1,413,385	$65,604	$382,485	$448,088	25%	78%	76%
15	$307	$740,759	$741,067	$6,400	$1,607,154	$1,613,554	5%	32%	31%	$5,066	$304,038	$309,105	$78,309	$264,853	$343,162	6%	53%	47%

Note: All figures are in $1,000s

Long Beach City Council Districts

Table 3-6: Trade Value Subject to Tariffs, by Long Beach City Council District ($1,000s)

Dist.	Exports ($1,000s)									Imports ($1,000s)								
	Tariff			Non-Tariff			Tariff Share			Tariff			Non-Tariff			Tariff Share		
	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total	Non-Cont	Cont	Total
1	$0	$3,690	$3,690	$0	$51,839	$51,839	--	7%	7%	$0	$24,625	$24,625	$0	$11,961	$11,961	--	67%	67%
2	$4,425	$59,578	$64,003	$603	$311,500	$312,103	88%	16%	17%	$2,622	$3,408	$6,030	$8,949	$38,167	$47,116	23%	8%	11%
3	$0	$21,734	$21,734	$1,360	$145,719	$147,078	0%	13%	13%	$0	$11,864	$11,864	$0	$20,542	$20,542	--	37%	37%
4	$0	$3,192	$3,192	$0	$12,596	$12,596	--	20%	20%	$0	$1,480	$1,480	$0	$359	$359	--	80%	80%
5	$0	$1,213	$1,213	$0	$195	$195	--	86%	86%	$0	$901	$901	$0	$7,005	$7,005	--	11%	11%
6	$0	$0	$0	$0	$0	$0	--	--	--	$0	$762	$762	$0	$0	$0	--	100%	100%
7	$0	$10,228	$10,228	$28	$14,488	$14,515	0%	41%	41%	$0	$121,583	$121,583	$0	$168,639	$168,639	--	42%	42%
8	$0	$48	$48	$0	$1,445	$1,445	--	3%	3%	$0	$2,419	$2,419	$0	$2,094	$2,094	--	54%	54%
9	$1,262	$43,673	$44,934	$3,568	$291,260	$294,828	26%	13%	13%	$0	$264,748	$264,748	$0	$68,880	$68,880	--	79%	79%

Note: All figures are in $1,000s