

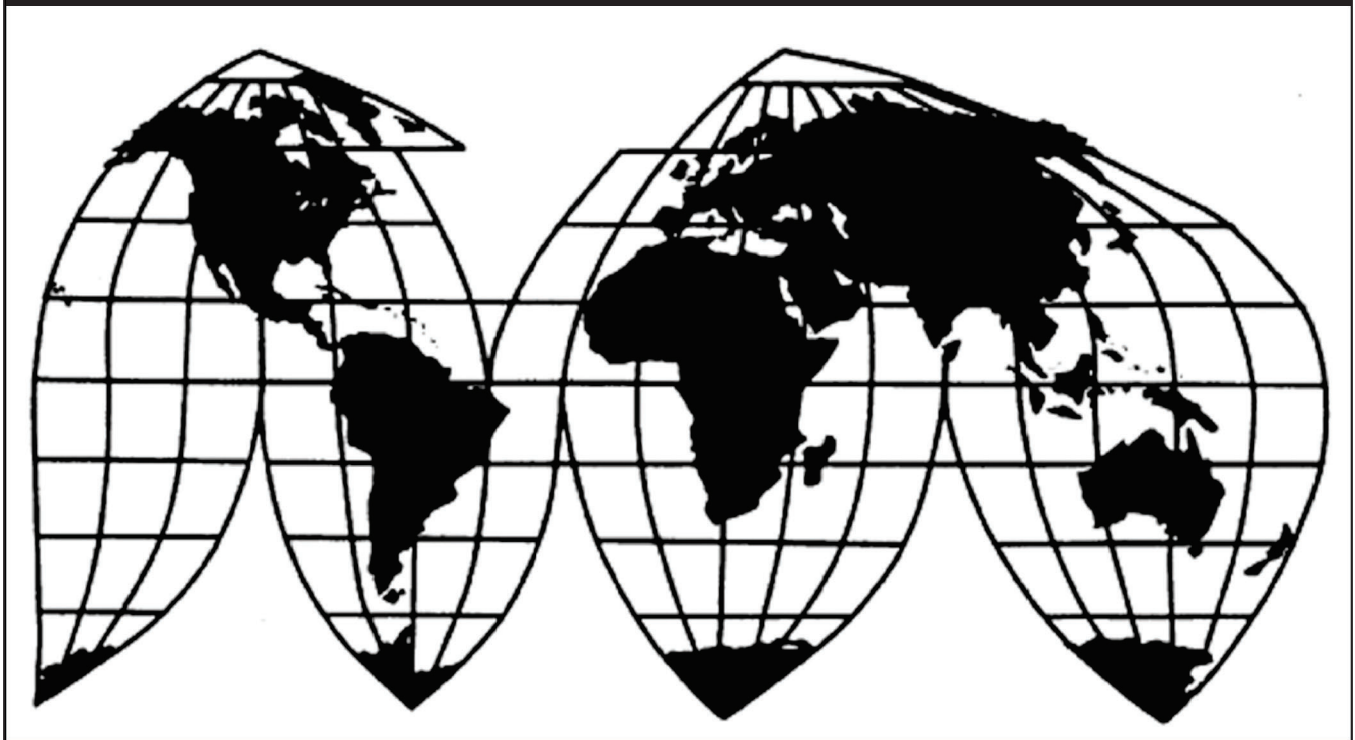
Carbon and Alloy Steel Threaded Rod from China and India

Investigation Nos. 701-TA-618-619 and 731-TA-1441-1442 (Final)

Publication 5040

April 2020

U.S. International Trade Commission



Washington, DC 20436

U.S. International Trade Commission

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Note.—Information that would reveal confidential operations of individual concerns may not be published. Such information is identified by brackets in confidential reports and is deleted and replaced with asterisks (***) in public reports.

UNITED STATES INTERNATIONAL TRADE COMMISSION

Investigation Nos. 701-TA-618-619 and 731-TA-1441-1442 (Final)

Carbon and Alloy Steel Threaded Rod from China and India

DETERMINATIONS

On the basis of the record¹ developed in the subject investigations, the United States International Trade Commission (“Commission”) determines, pursuant to the Tariff Act of 1930 (“the Act”), that an industry in the United States is materially injured by reason of imports of carbon and alloy steel threaded rod (“threaded rod”) from China and India, provided for in subheadings 7318.15.50, 7318.15.20, and 7318.19.00 of the Harmonized Tariff Schedule of the United States, that have been found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value (“LTFV”),² and to be subsidized by the governments of China and India.³

BACKGROUND

The Commission, pursuant to section 735(b) of the Act (19 U.S.C. 1673d(b)), instituted these investigations effective February 21, 2019, following receipt of petitions regarding imports of threaded rod from China, India, Taiwan, and Thailand filed with the Commission and Commerce by Vulcan Threaded Products Inc. (“Vulcan”), Pelham, Alabama. The Commission established a general schedule for the conduct of the final phase of the investigations following notification of a preliminary determination by Commerce that imports of threaded rod from Thailand were being sold at LTFV within the meaning of section 733(b) of the Act (19 U.S.C. 1673b(b)). Notice of the scheduling of the final phase of the Commission’s investigations and of a public hearing to be held in connection therewith was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by

¹ The record is defined in sec. 207.2(f) of the Commission’s Rules of Practice and Procedure (19 CFR 207.2(f)).

² 85 FR 8818 and 85 FR 8821 (February 18, 2020).

³ 85 FR 8828 and 85 FR 8833 (February 18, 2020).

publishing the notice in the *Federal Register* of August 27, 2019 (84 FR 44916). The hearing was held in Washington, DC, on October 15, 2019, and all persons who requested the opportunity were permitted to appear in person or by counsel. The Commission subsequently issued its final affirmative determination regarding dumped imports from Thailand on December 5, 2019 (84 FR 67476, December 10, 2019).

Following notification of a final determination by Commerce that imports of threaded rod from Taiwan were being sold in the United States at LTFV,⁴ notice of the supplemental scheduling of the final phase of the Commission's antidumping duty investigation with respect to Taiwan was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of December 16, 2019 (84 FR 68473). The Commission subsequently issued its final affirmative determination regarding dumped imports from Taiwan on January 23, 2020 (85 FR 5237, January 29, 2020).

Following notification of a final determination by Commerce that imports of threaded rod from China and India were being sold in the United States at LTFV⁵ and subsidized by the governments of China and India,⁶ notice of the supplemental scheduling of the final phase of the Commission's antidumping and countervailing duty investigations with respect to China and India was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of February 26, 2020 (85 FR 11101).

⁴ 84 FR 67258 (December 9, 2019).

⁵ 85 FR 8818 and 85 FR 8821 (February 18, 2020).

⁶ 85 FR 8828 and 85 FR 8833 (February 18, 2020).

Views of the Commission

Based on the record in the final phase of these investigations, we determine that an industry in the United States is materially injured by reason of imports of carbon and alloy steel threaded rod (“threaded rod”) from China and India found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value (“LTFV”) and subsidized by the governments of China and India.

I. Background

The petitions in these investigations were filed on February 21, 2019, by Vulcan Threaded Products, Inc., a domestic producer of threaded rod.¹ The petitions for these investigations were filed the same day as petitions for antidumping duty investigations of threaded rod from Thailand and Taiwan.² These investigations’ schedules became staggered, however, when Commerce postponed the issuance of its preliminary and final determinations in its antidumping duty investigations concerning threaded rod from China, India, and Taiwan,³ but not from Thailand. These investigations’ schedules were further staggered when the final determination concerning threaded rod from Taiwan was issued earlier than those for China and India, thereby necessitating earlier final determinations in the antidumping duty investigations of threaded rod from Thailand and Taiwan. The Commission previously, in its antidumping duty investigations of threaded rod from Thailand and subsequently Taiwan, made

¹ Confidential Report, INV-SS-028, (Mar. 12, 2020) (“CR”), Public Report (“PR”) at I-1.

² CR/PR at I-1.

³ See *Alloy and Certain Carbon Steel Threaded Rod From India, Taiwan, and the People’s Republic of China: Postponement of Preliminary Determination in the Less-Than-Fair Value Investigations*, 84 Fed. Reg. 27764 (June 14, 2019); *Alloy and Certain Carbon Steel Threaded Rod From the People’s Republic of China: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination*, 84 Fed. Reg. 36578 (July 29, 2019); *Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Countervailing Duty Determination*, 84 Fed. Reg. 36570 (July 29, 2019); *Alloy and Certain Carbon Steel Threaded Rod From the People’s Republic of China: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures*, 84 Fed. Reg. 50379 (September 25, 2019); and *Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures*, 84 Fed. Reg. 50376 (September 25, 2019).

affirmative material injury determinations on the basis of cumulated subject imports from China, India, Taiwan, and Thailand.⁴

Pursuant to the statutory provision regarding staggered investigations, the record for these antidumping and countervailing duty investigations concerning threaded rod from China and India closed on November 6, 2019, the same closing date for the antidumping duty investigations of subject imports from Thailand and Taiwan. The only additions to the record, as allowed by the statute, are Commerce's final antidumping and countervailing duty determinations on threaded rod from China and India.⁵

II. Material Injury by Reason of Subject Imports

Section 771(7)(G)(iii) of the Tariff Act of 1930, as amended ("the Act"), provides that the Commission must make its material injury determination in the instant investigations on the basis of the same record as that in the antidumping duty investigation regarding subject imports from Thailand, except to the extent discussed above.⁶ Therefore, in these investigations, we adopt the findings and analyses in our determination and views regarding LTFV subject imports from Thailand with respect to the issues of domestic like product, domestic industry, cumulation, conditions of competition, and material injury by reason of cumulated subject imports.⁷

⁴ *Carbon and Alloy Steel Threaded Rod from Thailand*, Inv. No. 731-TA-1444 (Final), USITC Pub. 4998 (Dec. 2019) ("*Threaded Rod from Thailand*"); *Carbon and Alloy Steel Threaded Rod from Taiwan*, Inv. No. 731-TA-1443 (Final), USITC Pub. 5013 (Jan. 2020).

⁵ See 19 U.S.C. § 1677(7)(G)(iii); CR/PR at I-3. There were no comments on Commerce's final determinations submitted in these investigations. CR/PR at I-3 n.3.

⁶ 19 U.S.C. § 1677(7)(G)(iii).

⁷ See *Threaded Rod from Thailand*, USITC Pub. 4998.

Accordingly, we determine that the domestic industry producing threaded rod is materially injured by reason of subject imports from China and India.^{8 9}

III. Conclusion

For the reasons stated above, we determine that an industry in the United States is materially injured by reason of subject imports of threaded rod from China and India that are sold in the United States at LTFV and subsidized by the governments of China and India.

⁸ Pursuant to Section 771(24) of the Act, imports from a subject country of merchandise corresponding to a domestic like product that account for less than 3 percent of all such merchandise imported into the United States during the most recent 12 months for which data are available preceding the filing of the petition shall be deemed negligible. 19 U.S.C. § 1677(24)(A)(i).

During the 12-month period prior to the filing of the petition, February 2018 through January 2019, subject imports from China in the antidumping duty investigation accounted for 42.8 percent of the quantity of total threaded rod imports. INV-RR-112 (Nov. 4, 2019) at Table IV-4. Subject imports from China in the countervailing duty investigation were 44.1 percent of total imports. INV-RR-112 (Nov. 4, 2019) at Table IV-4. Accordingly, we find that the subject imports from China in both the antidumping and countervailing duty investigations are above the 3 percent individual subject country statutory negligibility threshold and are not negligible.

During the 12-month period prior to the filing of the petition, February 2018 through January 2019, subject imports from India in both the antidumping and countervailing duty investigations accounted for 25.1 percent of the quantity of total threaded rod imports, which is above the 3 percent individual subject country statutory negligibility threshold. INV-RR-112 (Nov. 4, 2019) at Table IV-4. Accordingly, we find that the subject imports from India are not negligible.

⁹ The statute additionally instructs the Commission to consider the “magnitude of the dumping margin” in an antidumping proceeding as part of its consideration of the impact of imports. 19 U.S.C. § 1677(7)(C)(iii)(V). In its final determination, Commerce calculated antidumping duty margins of 4.26 percent to 59.45 percent for subject imports from China. See *Alloy and Certain Carbon Steel Threaded Rod From the People's Republic of China: Final Affirmative Determination of Sales at Less Than Fair Value*, 85 Fed. Reg. 8821, 8822 (Feb. 18, 2020). In its final determination, Commerce calculated antidumping duty margins of 2.47 percent to 28.34 percent for imports from India. See *Carbon and Alloy Steel Threaded Rod From India: Final Affirmative Determination of Sales at Less Than Fair Value*, 85 Fed. Reg. 8818, 8819 (Feb. 18, 2020).

We have taken the magnitude of these dumping margins into account in our impact analysis, as well as other factors affecting domestic prices. Our analysis of the price effects of subject imports, particularly significant underselling, as set out in *Threaded Rod from Thailand*, is particularly probative to an assessment of the impact of subject imports. *Threaded Rod from Thailand*, USITC Pub. 4998 at 29-33.

Part I: Introduction

Background

These investigations result from petitions filed with the U.S. Department of Commerce (“Commerce”) and the U.S. International Trade Commission (“USITC” or “Commission”) by Vulcan Threaded Products Inc. (“Vulcan”), Pelham, Alabama, on February 21, 2019, alleging that an industry in the United States is materially injured and threatened with material injury by reason of subsidized imports of carbon and alloy steel threaded rod (“threaded rod”) from China and India and by less-than-fair-value (“LTFV”) imports of threaded rod from China, India, Taiwan, and Thailand. The following tabulation provides information relating to the background of these investigations.^{1 2}

¹ Pertinent *Federal Register* notices are referenced in appendix A, and may be found at the Commission’s website (www.usitc.gov).

² A list of witnesses appearing at the hearing is presented in appendix B of this report.

Effective date	Action
February 21, 2019	Petitions filed with Commerce and the Commission; institution of Commission's investigations (84 FR 6817, February 28, 2019)
March 13, 2019	Commerce's notice of initiation of AD and CVD investigations (84 FR 10034 and 84 FR 10040, March 19, 2019)
April 8, 2019	Commission's preliminary determinations (84 FR 14971, April 12, 2019)
April 25, 2019	Commerce's postponement of China's and India's preliminary CVD determinations (84 FR 17379)
June 14, 2019	Commerce's postponement of preliminary determinations in LTFV investigations for India, Taiwan, and China (84 FR 27764)
July 29, 2019	Commerce's preliminary affirmative CVD determinations and alignment of final CVD and AD determinations for China (84 FR 36578) and India (84 FR 36570)
August 7, 2019	Commerce's preliminary affirmative determination of sales at LTFV and critical circumstances for Thailand (84 FR 38597)
August 7, 2019	Scheduling of final phase of Commission's investigations (84 FR 44916, August 27, 2019)
September 25, 2019	Commerce's preliminary determination of sales at LTFV, postponement of final determination, and extension of provisional measures for China (84 FR 50379) and India (84 FR 50376); and preliminary affirmative determination of sales at LTFV for Taiwan (84 FR 50382)
October 15, 2019	Commission's hearing
October 21, 2019	Commerce's final affirmative determination of sales at LTFV and critical circumstances for Thailand (84 FR 56162)
November 15, 2019	Commission's vote (Thailand)
December 5, 2019	Commission's views (Thailand)
December 9, 2019	Commerce's final affirmative determination of sales at LTFV for Taiwan (84 FR 67258)
December 10, 2019	Scheduling of final phase of Commission's investigation for Taiwan (84 FR 68473)
January 10, 2020	Commission's vote (Taiwan)
January 23, 2020	Commission's views (Taiwan)

Effective date	Action
February 18, 2020	Commerce's final affirmative CVD and sales at LTFV determinations for China (85 FR 8833 and 85 FR 8821) and India (85 FR 8828 and 85 FR 8818)
February 18, 2020	Scheduling of final phase of Commission's AD and CVD investigations for China and India (85 FR 11101)
March 19, 2020	Commission's vote (China and India)
April 3, 2020	Commission's views (China and India)

The information contained in this report is intended to be used in conjunction with data presented in the Commission's reports of *Carbon and Alloy Steel Threaded Rod from Thailand: Investigation No. 731-TA-1444 (Final)*, USITC Publication 4998, December 2019, the corresponding confidential version contained in *Investigation Nos. 701-TA-618-619 and 731-TA-1441-1444 (Final): Carbon and Alloy Steel Threaded Rod from China, India, Taiwan, and Thailand – Staff Report*, INV-RR-112, November 4, 2019, and *Carbon and Alloy Steel Threaded Rod from Taiwan: Investigation No. 731-TA-1443 (Final)*, USITC Publication 5013, January 2020. No new information except for Commerce's final determinations concerning carbon and alloy threaded rod from China and India is included in the record for these proceedings.³

³ No parties submitted final comments concerning carbon and alloy steel threaded rod from China and India.

Nature and extent of subsidies and sales at LTFV

Subsidies

On February 18, 2020, Commerce published a notice in the *Federal Register* of its final determination of countervailable subsidies for producers and exporters of threaded rod from China.⁴ Table I-1 presents Commerce's findings of subsidization of threaded rod in China.

Table I-1
Threaded rod: Commerce's preliminary and final subsidy determinations with respect to imports from China

Entity	Preliminary countervailable subsidy margin (percent)	Final countervailable subsidy margin (percent)
Ningbo Zhongjiang High Strength Bolts Co., Ltd.	23.41	31.02
Zhejiang Junyue Standard Part Co., Ltd.	24.89	66.81
All others	23.83	41.17

Source: 84 FR 36578, July 29, 2019, and 85 FR 8833, February 18, 2020

On February 18, 2020, Commerce published a notice in the *Federal Register* of its final determination of countervailable subsidies for producers and exporters of threaded rod from India.⁵ Table I-2 presents Commerce's findings of subsidization of threaded rod in India.

Table I-2
Threaded rod: Commerce's preliminary and final subsidy determinations with respect to imports from India

Entity	Preliminary countervailable subsidy margin (percent)	Final countervailable subsidy margin (percent)
Daksh Fasteners	155.03	211.72
Mangal Steel Enterprises Limited	6.07	6.07
All others	6.07	6.07

Source: 84 FR 36570, July 29, 2019, and 85 FR 8828, February 18, 2020

⁴ 85 FR 8833, February 18, 2020.

⁵ 85 FR 8828, February 18, 2020.

Sales at LTFV

On February 18, 2020, Commerce published a notice in the *Federal Register* of its final determination of sales at LTFV with respect to imports from China⁶ and India.⁷ Tables I-3 and I-4 present Commerce’s dumping margins with respect to imports of threaded rod from China and India.

Table I-3
Threaded rod: Commerce’s preliminary and final weighted-average LTFV margins with respect to imports from China

Exporter	Producer	Preliminary dumping margin (percent)	Final dumping margin (percent)
Ningbo Zhongjiang High Strength Bolts Co., Ltd.	Ningbo Zhongjiang High Strength Bolts Co., Ltd.	27.07	14.16
Zhejiang Junyue Standard Part Co., Ltd.	Zhejiang Junyue Standard Part Co., Ltd.	4.81	4.26
Cooper & Turner (Ningbo) International Trading Co., Ltd.	Zhejiang Cooper & Turner Fasteners Co. Ltd.	21.04	11.47
Cooper & Turner (Ningbo) International Trading Co., Ltd.	Zhejiang Morgan Brother Technology Co., Ltd.	21.04	11.47
Cooper & Turner (Ningbo) International Trading Co., Ltd.	Zhejiang Huiyou Import & Export Co., Ltd.	21.04	11.47
EC International (Nantong) Co., Ltd.	Ningbo Zhongjiang High Strength Bolts Co., Ltd.	21.04	11.47
EC International (Nantong) Co., Ltd.	Ningbo Zhenghai Yongding Fasteners Manufacture Co., Ltd.	21.04	11.47
EC International (Nantong) Co., Ltd.	Zhejiang Junyue Standard Part Co., Ltd.	21.04	11.47
EC International (Nantong) Co., Ltd.	Haiyan Qinshan Rubber Factory	21.04	11.47
IFI & Morgan Ltd.	Zhejiang Morgan Brother Technology Co., Ltd.	21.04	11.47
Jiaxing Genteel Import & Export Co., Ltd.	Ningbo Zhenhai Zhongbiao Standard Parts Factory	21.04	11.47

Table continued on next page.

⁶ 85 FR 8821, February 18, 2020.

⁷ 85 FR 8818, February 18, 2020.

Table I-3—Continued**Threaded rod: Commerce’s preliminary and final weighted-average LTFV margins with respect to imports from China**

Exporter	Producer	Preliminary dumping margin (percent)	Final dumping margin (percent)
Ningbo Dingtuo Imp. & Exp. Co., Ltd.	Ningbo Jinding Fastening Piece Co., Ltd.	21.04	11.47
Zhejiang Heiter Mfg & Trade Co., Ltd.	Zhejiang Golden Automotive Fastener Co., Ltd.	21.04	11.47
Ningbo Jinding Fastening Piece Co., Ltd.	Ningbo Jinding Fastening Piece Co., Ltd.	21.04	11.47
Ningbo Qunli Fastener Manufacture Co., Ltd.	Ningbo Qunli Fastener Manufacture Co., Ltd.	21.04	11.47
Nantong Runyou Metal Products Co., Ltd.	Nantong Runyou Metal Products Co., Ltd.	21.04	11.47
Ningbo Shareway Import & Export, Co., Ltd.	Zhejiang Junyue Standard Parts Co., Ltd.	21.04	11.47
Ningbo Xingsheng Oil Pipe Fittings Manufacture Co., Ltd.	Ningbo Xingsheng Oil Pipe Fittings Manufacture Co., Ltd.	21.04	11.47
Ningbo Zhenghai Yongding Fastener Co., Ltd.	Ningbo Zhenghai Yongding Fastener Co., Ltd.	21.04	11.47
RMB Fasteners Ltd.	Zhejiang Morgan Brother Technology Co., Ltd.	21.04	11.47
Zhejiang Morgan Brother Technology Co., Ltd.	Zhejiang Morgan Brother Technology Co., Ltd.	21.04	11.47
All others		59.45	59.45

Source: 84 FR 50379, September 25, 2019, and 85 FR 8821, February 18, 2020.

Table I-4**Threaded rod: Commerce’s preliminary and final weighted-average LTFV margins with respect to imports from India**

Exporter/Producer	Preliminary dumping margin (percent)	Final dumping margin (percent)
Daksh Fasteners	2.04	28.34
Mangal Steel Enterprise Limited	2.04	2.47
All others	2.04	2.47

Source: 84 FR 50376, September 25, 2019, and 85 FR 8818, February 18, 2020.

APPENDIX A

***FEDERAL REGISTER* NOTICES**

The Commission makes available notices relevant to its investigations and reviews on its website, www.usitc.gov. In addition, the following tabulation presents, in chronological order, *Federal Register* notices issued by the Commission and Commerce during the current proceeding.

Citation	Title	Link
84 FR 6817, February 28, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Institution of Antidumping and Countervailing Duty Investigations and Scheduling of Preliminary Phase Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-02-28/pdf/2019-03450.pdf
84 FR 10034, March 19, 2019	<i>Carbon and Alloy Steel Threaded Rod From India, Taiwan, Thailand, and the People's Republic of China: Initiation of Less-Than-Fair-Value Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05136.pdf
84 FR 10040, March 19, 2019	<i>Carbon and Alloy Steel Threaded Rod From India and the People's Republic of China: Initiation of Countervailing Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05138.pdf
84 FR 14971, April 12, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Affirmative Preliminary Determination and Commencement of Final Phase Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-04-12/pdf/2019-07246.pdf

84 FR 17379, April 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From India and the People's Republic of China: Postponement of Preliminary Determinations in the Countervailing Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-04-25/pdf/2019-08345.pdf
84 FR 27764, June 14, 2019	<i>Carbon and Alloy Steel Threaded Rod from India, Taiwan, and the People's Republic of China: Postponement of Preliminary Determinations in the Less-Than-Fair-Value Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-06-14/pdf/2019-12604.pdf
84 FR 36570, July 29, 2019	<i>Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16037.pdf
84 FR 36578, July 29, 2019	<i>Carbon and Alloy Steel Threaded Rod From the People's Republic of China: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16036.pdf
84 FR 38597, August 7, 2019	<i>Carbon and Alloy Steel Threaded Rod From Thailand: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Preliminary Affirmative Determination of Critical Circumstances</i>	https://www.govinfo.gov/content/pkg/FR-2019-08-07/pdf/2019-16888.pdf

84 FR 44916, August 27, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Scheduling of the Final Phase of Countervailing and Anti-Dumping Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2019-08-27/pdf/2019-18421.pdf
84 FR 50379, September 25, 2019	<i>Alloy and Certain Carbon Steel Threaded Rod from the People's Republic of China: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination and Extension of Provisional Measures</i>	https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20810.pdf
84 FR 50376, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures</i>	https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20811.pdf
84 FR 50382, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From Taiwan: Preliminary Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf
84 FR 50382, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From Taiwan: Preliminary Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf
84 FR 56162, October 21, 2019	<i>Carbon and Alloy Steel Threaded Rod from Thailand: Final Affirmative Determination of Sales at Less Than Fair Value and Final Affirmative Determination of Critical Circumstances</i>	https://www.govinfo.gov/content/pkg/FR-2019-10-21/pdf/2019-22866.pdf

84 FR 67258, December 9, 2019	<i>Carbon and Alloy Steel Threaded Rod from Taiwan: Final Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2019-12-09/pdf/2019-26457.pdf
84 FR 67476, December 10, 2019	<i>Carbon and Alloy Steel Threaded Rod from Thailand; Determination</i>	https://www.govinfo.gov/content/pkg/FR-2019-12-10/pdf/2019-26581.pdf
84 FR 68473, December, 16, 2019	<i>Carbon and Alloy Steel Threaded Rod From Taiwan; Supplemental Schedule for the Final Phase of an Anti- Dumping Duty Investigation</i>	https://www.govinfo.gov/content/pkg/FR-2019-12-16/pdf/2019-26975.pdf
85 FR 5237, January 29, 2020	<i>Carbon and Alloy Steel Threaded Rod from Taiwan; Determination</i>	https://www.govinfo.gov/content/pkg/FR-2020-01-29/pdf/2020-01482.pdf
85 FR 8821, February 18, 2020	<i>Alloy and Certain Carbon Steel Threaded Rod From the People's Republic of China: Final Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2020-02-18/pdf/2020-03048.pdf
85 FR 8818, February 18, 2020	<i>Carbon and Alloy Steel Threaded Rod From India: Final Affirmative Determination of Sales at Less Than Fair Value</i>	https://www.govinfo.gov/content/pkg/FR-2020-02-18/pdf/2020-03049.pdf
85 FR 8833, February 18, 2020	<i>Carbon and Alloy Steel Threaded Rod From the People's Republic of China: Final Affirmative Countervailing Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2020-02-18/pdf/2020-03047.pdf
85 FR 8828, February 18, 2020	<i>Carbon and Alloy Steel Threaded Rod From India: Final Affirmative Countervailing Duty Determination</i>	https://www.govinfo.gov/content/pkg/FR-2020-02-18/pdf/2020-03050.pdf

85 FR 11101, February 26, 2020	<i>Carbon and Alloy Steel Threaded Rod From China and India; Supplemental Schedule for the Final Phase of Countervailing and Antidumping Duty Investigations</i>	https://www.govinfo.gov/content/pkg/FR-2020-02-26/pdf/2020-03875.pdf
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APPENDIX B

LIST OF HEARING WITNESSES

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Carbon and Alloy Steel Threaded Rod from China, India, Taiwan, and Thailand

Inv. Nos.: 701-TA-618-619 and 731-TA-1441-1444 (Final)

Date and Time: October 15, 2019 - 9:30 a.m.

A session was held in connection with these investigations in the Main Hearing Room (Room 101), 500 E Street, SW., Washington, DC.

OPENING REMARKS:

Petitioner (**Luke A. Meisner**, Schagrin Associates)

In Support of the Imposition of Antidumping and Countervailing Duty Orders:

Schagrin Associates
Washington, DC
on behalf of

Vulcan Threaded Products, Inc.

Christopher Graham, Senior Vice President, Long Product Group

Dennis Black, General Manager, Vulcan Threaded Products, Inc.

Alan Logan, Customer Service Manager, Vulcan Threaded Products, Inc.

Brent Jenkins, Bar Mill Product & Marketing Manager,
Vulcan Threaded Products, Inc.

Walter Gross, President, Bay Standard Manufacturing, Inc.

Paul Diorio, President, Dan-Loc Group

Roger B. Schagrin)
Elizabeth J. Drake) – OF COUNSEL
Luke A. Meisner)

CLOSING REMARKS:

Petitioner (**Roger B. Schagrin**, Schagrin Associates)

-END-

APPENDIX C
SUMMARY DATA

Table C-1: Threaded Rod: Summary data concerning the U.S. market C-3

Table C-2: Threaded Rod: Summary data concerning the U.S. market excluding certain
producers C-5

All producers

Table C-1

Threaded rod: Summary data concerning the U.S. market, 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. consumption quantity:									
Amount.....	354,680	394,751	444,476	204,251	228,791	▲25.3	▲11.3	▲12.6	▲12.0
Producers' share (fn1).....	37.5	36.3	32.1	36.0	30.7	▼(5.4)	▼(1.3)	▼(4.2)	▼(5.4)
Importers' share (fn1):									
China.....	17.9	23.8	30.0	25.5	27.1	▲12.1	▲5.9	▲6.2	▲1.6
India.....	17.2	17.8	16.7	17.3	20.8	▼(0.5)	▲0.6	▼(1.1)	▲3.5
Taiwan.....	11.9	9.7	10.1	10.1	10.4	▼(1.8)	▼(2.2)	▲0.4	▲0.3
Thailand.....	3.4	2.6	2.7	2.8	2.5	▼(0.8)	▼(0.8)	▲0.0	▼(0.3)
Subject sources.....	50.5	54.0	59.5	55.7	60.8	▲9.0	▲3.5	▲5.5	▲5.1
Nonsubject sources.....	12.0	9.8	8.4	8.3	8.5	▼(3.6)	▼(2.2)	▼(1.3)	▲0.3
All import sources.....	62.5	63.7	67.9	64.0	69.3	▲5.4	▲1.3	▲4.2	▲5.4
U.S. consumption value:									
Amount.....	330,711	368,884	443,856	201,988	236,363	▲34.2	▲11.5	▲20.3	▲17.0
Producers' share (fn1).....	29.9	29.7	27.6	30.1	27.2	▼(2.3)	▼(0.2)	▼(2.1)	▼(2.8)
Importers' share (fn1):									
China.....	15.6	19.9	26.3	22.7	24.8	▲10.7	▲4.3	▲6.3	▲2.1
India.....	8.0	8.7	9.0	8.9	10.9	▲0.9	▲0.7	▲0.3	▲2.0
Taiwan.....	13.1	13.1	12.2	12.6	11.5	▼(0.9)	▲0.0	▼(0.9)	▼(1.1)
Thailand.....	1.6	1.3	1.4	1.4	1.2	▼(0.2)	▼(0.2)	▲0.0	▼(0.2)
Subject sources.....	38.3	43.1	48.8	45.7	48.4	▲10.5	▲4.8	▲5.7	▲2.7
Nonsubject sources.....	31.9	27.2	23.6	24.2	24.4	▼(8.3)	▼(4.6)	▼(3.6)	▲0.2
All import sources.....	70.1	70.3	72.4	69.9	72.8	▲2.3	▲0.2	▲2.1	▲2.8
U.S. imports from:									
China:									
Quantity.....	63,613	93,971	133,300	52,150	62,059	▲109.6	▲47.7	▲41.9	▲19.0
Value.....	51,503	73,439	116,514	45,917	58,590	▲126.2	▲42.6	▲58.7	▲27.6
Unit value.....	\$0.81	\$0.78	\$0.87	\$0.88	\$0.94	▲8.0	▼(3.5)	▲11.8	▲7.2
Ending inventory quantity.....	***	***	***	***	***	▼***	▼***	▲***	▲***
India									
Quantity.....	61,126	70,416	74,301	35,389	47,593	▲21.6	▲15.2	▲5.5	▲34.5
Value.....	26,516	32,026	39,741	18,011	25,809	▲49.9	▲20.8	▲24.1	▲43.3
Unit value.....	\$0.43	\$0.45	\$0.53	\$0.51	\$0.54	▲23.3	▲4.8	▲17.6	▲6.5
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Taiwan									
Quantity.....	42,155	38,184	44,861	20,590	23,786	▲6.4	▼(9.4)	▲17.5	▲15.5
Value.....	43,350	48,481	54,191	25,465	27,142	▲25.0	▲11.8	▲11.8	▲6.6
Unit value.....	\$1.03	\$1.27	\$1.21	\$1.24	\$1.14	▲17.5	▲23.5	▼(4.9)	▼(7.7)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Thailand									
Quantity.....	12,096	10,415	11,783	5,617	5,695	▼(2.6)	▼(13.9)	▲13.1	▲1.4
Value.....	5,202	4,933	6,084	2,904	2,809	▲17.0	▼(5.2)	▲23.3	▼(3.3)
Unit value.....	\$0.43	\$0.47	\$0.52	\$0.52	\$0.49	▲20.1	▲10.1	▲9.0	▼(4.6)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Subject sources:									
Quantity.....	178,989	212,986	264,245	113,746	139,133	▲47.6	▲19.0	▲24.1	▲22.3
Value.....	126,570	158,878	216,530	92,297	114,349	▲71.1	▲25.5	▲36.3	▲23.9
Unit value.....	\$0.71	\$0.75	\$0.82	\$0.81	\$0.82	▲15.9	▲5.5	▲9.8	▲1.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Nonsubject sources:									
Quantity.....	42,521	38,521	37,497	16,884	19,527	▼(11.8)	▼(9.4)	▼(2.7)	▲15.7
Value.....	105,335	100,476	104,728	48,969	57,667	▼(0.6)	▼(4.6)	▲4.2	▲17.8
Unit value.....	\$2.48	\$2.61	\$2.79	\$2.90	\$2.95	▲12.7	▲5.3	▲7.1	▲1.8
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
All import sources:									
Quantity.....	221,510	251,507	301,742	130,630	158,660	▲36.2	▲13.5	▲20.0	▲21.5
Value.....	231,905	259,354	321,258	141,265	172,016	▲38.5	▲11.8	▲23.9	▲21.8
Unit value.....	\$1.05	\$1.03	\$1.06	\$1.08	\$1.08	▲1.7	▼(1.5)	▲3.2	▲0.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***

Table continued on next page.....

Table C-1--Continued

Threaded rod: Summary data concerning the U.S. market, 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. producers':									
Average capacity quantity.....	275,234	256,762	253,520	126,484	126,855	▼(7.9)	▼(6.7)	▼(1.3)	▲0.3
Production quantity.....	133,905	139,807	147,144	74,910	70,340	▲9.9	▲4.4	▲5.2	▼(6.1)
Capacity utilization (fn1).....	48.7	54.5	58.0	59.2	55.4	▲9.4	▲5.8	▲3.6	▼(3.8)
U.S. shipments:									
Quantity.....	133,170	143,244	142,734	73,621	70,131	▲7.2	▲7.6	▼(0.4)	▼(4.7)
Value.....	98,807	109,530	122,598	60,723	64,347	▲24.1	▲10.9	▲11.9	▲6.0
Unit value.....	0.74	0.76	0.86	0.82	0.92	▲15.8	▲3.1	▲12.3	▲11.2
Export shipments:									
Quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Ending inventory quantity.....	23,079	19,445	23,488	20,355	23,337	▲1.8	▼(15.7)	▲20.8	▲14.7
Inventories/total shipments (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Production workers.....	312	333	330	288	311	▲5.8	▲6.7	▼(0.9)	▲8.0
Hours worked (1,000s).....	660	721	718	360	374	▲8.7	▲9.3	▼(0.5)	▲3.9
Wages paid (\$1,000).....	11,988	14,316	14,707	7,513	7,843	▲22.7	▲19.4	▲2.7	▲4.4
Hourly wages (dollars per hour).....	\$18.17	\$19.85	\$20.50	\$20.88	\$20.98	▲12.8	▲9.3	▲3.2	▲0.5
Productivity (pounds per hour).....	202.9	193.9	205.1	208.2	188.2	▲1.1	▼(4.5)	▲5.8	▼(9.6)
Unit labor costs.....	\$0.09	\$0.10	\$0.10	\$0.10	\$0.11	▲11.6	▲14.4	▼(2.4)	▲11.2
Net sales:									
Quantity.....	133,135	142,591	142,414	68,173	64,732	▲7.0	▲7.1	▼(0.1)	▼(5.0)
Value.....	98,213	108,187	121,906	56,638	60,306	▲24.1	▲10.2	▲12.7	▲6.5
Unit value.....	\$0.74	\$0.76	\$0.86	\$0.83	\$0.93	▲16.0	▲2.8	▲12.8	▲12.1
Cost of goods sold (COGS).....	70,470	84,482	96,280	45,225	45,927	▲36.6	▲19.9	▲14.0	▲1.6
Gross profit or (loss) (fn2).....	27,743	23,704	25,626	11,414	14,379	▼(7.6)	▼(14.6)	▲8.1	▲26.0
SG&A expenses.....	14,318	14,125	14,044	6,436	6,542	▼(1.9)	▼(1.3)	▼(0.6)	▲1.7
Operating income or (loss) (fn2).....	13,425	9,579	11,582	4,978	7,837	▼(13.7)	▼(28.6)	▲20.9	▲57.4
Net income or (loss) (fn2).....	11,505	7,782	10,221	4,266	7,121	▼(11.2)	▼(32.4)	▲31.4	▲66.9
Capital expenditures.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit COGS.....	\$0.53	\$0.59	\$0.68	\$0.66	\$0.71	▲27.7	▲11.9	▲14.1	▲7.0
Unit SG&A expenses.....	\$0.11	\$0.10	\$0.10	\$0.09	\$0.10	▼(8.3)	▼(7.9)	▼(0.4)	▲7.1
Unit operating income or (loss) (fn2).....	\$0.10	\$0.07	\$0.08	\$0.07	\$0.12	▼(19.4)	▼(33.4)	▲21.0	▲65.8
Unit net income or (loss) (fn2).....	\$0.09	\$0.05	\$0.07	\$0.06	\$0.11	▼(16.9)	▼(36.8)	▲31.5	▲75.8
COGS/sales (fn1).....	71.8	78.1	79.0	79.8	76.2	▲7.2	▲6.3	▲0.9	▼(3.7)
Operating income or (loss)/sales (fn1).....	13.7	8.9	9.5	8.8	13.0	▼(4.2)	▼(4.8)	▲0.6	▲4.2
Net income or (loss)/sales (fn1).....	11.7	7.2	8.4	7.5	11.8	▼(3.3)	▼(4.5)	▲1.2	▲4.3

Note: Shares and ratios shown as "0.0" represent values greater than zero, but less than "0.05" percent. Zeroes, null values, and undefined calculations are suppressed and shown as "--".

fn1: Reported data are in percent and period changes are in percentage points.

fn2: Percent changes only calculated when both comparison values represent profits; The directional change in profitability provided when one or both comparison values represent a loss.

Source: Compiled from data submitted in response to Commission questionnaires and official U.S. import statistics using statistical reporting numbers 7318.15.5051,7318.15.5056 and 7318.15.5090 accessed September 23, 2019.

Related party exclusion

Table C-2

Threaded rod: Summary data concerning the U.S. market excluding three U.S. producers ***, 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. consumption quantity:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Producers' share (fn1):									
Included producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Excluded producers.....	***	***	***	***	***	▲***	▲***	▲***	▼***
All producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Importers' share (fn1):									
China.....	***	***	***	***	***	▲***	▲***	▲***	▲***
India.....	***	***	***	***	***	▼***	▲***	▼***	▲***
Taiwan.....	***	***	***	***	***	▼***	▼***	▲***	▲***
Thailand.....	***	***	***	***	***	▼***	▼***	▲***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▼***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
U.S. consumption value:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Producers' share (fn1):									
Included producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Excluded producers.....	***	***	***	***	***	▲***	▲***	▼***	▼***
All producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Importers' share (fn1):									
China.....	***	***	***	***	***	▲***	▲***	▲***	▲***
India.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Taiwan.....	***	***	***	***	***	▼***	▲***	▼***	▼***
Thailand.....	***	***	***	***	***	▼***	▼***	▲***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▼***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
U.S. imports from:									
China:									
Quantity.....	63,613	93,971	133,300	52,150	62,059	▲109.6	▲47.7	▲41.9	▲19.0
Value.....	51,503	73,439	116,514	45,917	58,590	▲126.2	▲42.6	▲58.7	▲27.6
Unit value.....	\$0.81	\$0.78	\$0.87	\$0.88	\$0.94	▲8.0	▼(3.5)	▲11.8	▲7.2
Ending inventory quantity.....	***	***	***	***	***	▼***	▼***	▲***	▲***
India									
Quantity.....	61,126	70,416	74,301	35,389	47,593	▲21.6	▲15.2	▲5.5	▲34.5
Value.....	26,516	32,026	39,741	18,011	25,809	▲49.9	▲20.8	▲24.1	▲43.3
Unit value.....	\$0.43	\$0.45	\$0.53	\$0.51	\$0.54	▲23.3	▲4.8	▲17.6	▲6.5
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Taiwan									
Quantity.....	42,155	38,184	44,861	20,590	23,786	▲6.4	▼(9.4)	▲17.5	▲15.5
Value.....	43,350	48,481	54,191	25,465	27,142	▲25.0	▲11.8	▲11.8	▲6.6
Unit value.....	\$1.03	\$1.27	\$1.21	\$1.24	\$1.14	▲17.5	▲23.5	▼(4.9)	▼(7.7)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Thailand									
Quantity.....	12,096	10,415	11,783	5,617	5,695	▼(2.6)	▼(13.9)	▲13.1	▲1.4
Value.....	5,202	4,933	6,084	2,904	2,809	▲17.0	▼(5.2)	▲23.3	▼(3.3)
Unit value.....	\$0.43	\$0.47	\$0.52	\$0.52	\$0.49	▲20.1	▲10.1	▲9.0	▼(4.6)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Subject sources:									
Quantity.....	178,989	212,986	264,245	113,746	139,133	▲47.6	▲19.0	▲24.1	▲22.3
Value.....	126,570	158,878	216,530	92,297	114,349	▲71.1	▲25.5	▲36.3	▲23.9
Unit value.....	\$0.71	\$0.75	\$0.82	\$0.81	\$0.82	▲15.9	▲5.5	▲9.8	▲1.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Nonsubject sources:									
Quantity.....	42,521	38,521	37,497	16,884	19,527	▼(11.8)	▼(9.4)	▼(2.7)	▲15.7
Value.....	105,335	100,476	104,728	48,969	57,667	▼(0.6)	▼(4.6)	▲4.2	▲17.8
Unit value.....	\$2.48	\$2.61	\$2.79	\$2.90	\$2.95	▲12.7	▲5.3	▲7.1	▲1.8
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
All import sources:									
Quantity.....	221,510	251,507	301,742	130,630	158,660	▲36.2	▲13.5	▲20.0	▲21.5
Value.....	231,905	259,354	321,258	141,265	172,016	▲38.5	▲11.8	▲23.9	▲21.8
Unit value.....	\$1.05	\$1.03	\$1.06	\$1.08	\$1.08	▲1.7	▼(1.5)	▲3.2	▲0.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***

Table C-2--Continued

Threaded rod: Summary data concerning the U.S. market excluding three U.S. producers ***, 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year		2018	January to June		Calendar year			Jan-Jun
	2016	2017		2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. producers':									
Average capacity quantity.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Production quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Capacity utilization (fn1).....	***	***	***	***	***	▲***	▲***	▲***	▼***
U.S. shipments:									
Quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Export shipments:									
Quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Inventories/total shipments (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Production workers.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Hours worked (1,000s).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Wages paid (\$1,000).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Hourly wages (dollars per hour).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Productivity (pounds per hour).....	***	***	***	***	***	▲***	▼***	▲***	▼***
Unit labor costs.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Net sales:									
Quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Cost of goods sold (COGS).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Gross profit or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
SG&A expenses.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Operating income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Net income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Capital expenditures.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit COGS.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit SG&A expenses.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Unit operating income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Unit net income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
COGS/sales (fn1).....	***	***	***	***	***	▲***	▲***	▲***	▼***
Operating income or (loss)/sales (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Net income or (loss)/sales (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***

Note: Shares and ratios shown as "0.0" represent values greater than zero, but less than "0.05" percent. Zeroes, null values, and undefined calculations are suppressed and shown as "--".

fn1: Reported data are in percent and period changes are in percentage points.

fn2: Percent changes only calculated when both comparison values represent profits; The directional change in profitability provided when one or both comparison values represent a loss.

Source: Compiled from data submitted in response to Commission questionnaires and official U.S. import statistics using statistical reporting numbers 7318.15.5051,7318.15.5056 and 7318.15.5090 accessed September 23, 2019.