APPENDIX A

FEDERAL REGISTER NOTICES

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–204–9]

Steel: Monitoring Developments in the Domestic Industry

AGENCY: United States International Trade Commission.

ACTION: Institution and scheduling of an investigation under section 204(a) of the Trade Act of 1974 (19 U.S.C. 2254(a)) (the Act).

SUMMARY: The Commission instituted the investigation for the purpose of preparing the report to the President and the Congress required by section 204(a)(2) of the Trade Act of 1974 on the results of its monitoring of developments with respect to the domestic steel industry since the President imposed tariffs and tariff-rate quotas on imports of certain steel products,[1] effective March 20, 2002.

For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's Rules of Practice and Procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and F (19 CFR part 206).

EFFECTIVE DATE: March 5, 2003.

FOR FURTHER INFORMATION CONTACT: Elizabeth Haines (202–205–3200), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. General information concerning the Commission may also be obtained by accessing its internet server (*http://www.usitc.gov*). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS) at *http://edis.usitc.gov.*

SUPPLEMENTARY INFORMATION:

Background.—Following receipt of a report from the Commission in December 2001 under section 202 of the Trade Act of 1974 (19 U.S.C. 2252) containing affirmative determinations and remedy recommendations, the President, on March 5, 2002, pursuant to section 203 of the Trade Act of 1974 (19 U.S.C. 2253), issued Proclamation 7529, imposing import relief in the form of tariffs and tariff-rate quotas on imports of certain steel products for a period of 3 years and 1 day, effective March 20, 2002. Section 204(a)(1) of the Trade Act of 1974 (19 U.S.C. 2254(a)(1)) requires that the Commission, so long as any action under section 203 of the Trade Act remains in effect, monitor developments with respect to the domestic industry, including the progress and specific efforts made by workers and firms in the domestic industry to make a positive adjustment to import competition. Section 204(a)(2) requires, whenever the initial period of an action under section 203 of the Trade Act exceeds 3 years, that the Commission submit a report on the results of the monitoring under section 204(a)(1) to the President and the Congress not later than the mid-point of the initial period of the relief, or by September 19, 2003, in this case. Section 204(a)(3) requires that the Commission hold a hearing in the course of preparing each such report.

Participation in the investigation and service list.—Persons wishing to participate in the investigation as parties must file an entry of appearance with the Secretary to the Commission, as provided in section 201.11 of the Commission's rules, not later than 21 days after publication of this notice in the **Federal Register**. The Secretary will prepare a service list containing the names and addresses of all persons, or their representatives, who are parties to this investigation upon the expiration of the period for filing entries of appearance.

Limited disclosure of confidential business information (CBI).—Pursuant to section 206.17 of the Commission's rules, the Secretary will make CBI gathered in this investigation available to authorized applicants under an administrative protective order (APO) issued in the investigation, provided that the application is made not later than 21 days after the publication of this notice in the **Federal Register**. A separate service list will be maintained by the Secretary for those parties authorized to receive CBI under the APO.

Public hearings.—As required by statute, the Commission has scheduled hearings in connection with this investigation. The hearings will be held beginning at 9:30 a.m. on July 10, 2003 (stainless steel products), July 15, 2003 (carbon and alloy flat products), July 17, 2003 (carbon and alloy long products), and July 22, 2003 (carbon and alloy tubular products), at the U.S. International Trade Commission Building, 500 E Street SW., Washington, DC. Requests to appear at the hearings should be filed in writing with the Secretary to the Commission on or before June 20, 2003. Requests should identify the products to be addressed and the amount of time requested. All persons desiring to appear at the hearings and make oral presentations should attend a prehearing conference to be held at 9:30 a.m. on July 7, 2003, at the U.S. International Trade Commission Building. Oral testimony and written materials to be submitted at the hearings are governed by sections 201.6(b)(2) and 201.13(f) of the Commission's rules. Parties must submit any request to present a portion of their hearing testimony in camera no later than 7 days prior to the date of the hearing.

Written submissions.—Each party is encouraged to submit a prehearing brief to the Commission. The deadline for filing prehearing briefs is July 2, 2003. Parties may also file posthearing briefs. The deadlines for filing posthearing briefs are July 18, 2003 (for material covered at the hearing on July 10, 2003), July 25, 2003 (for material covered at the hearings on July 15 and 17, 2003) and August 1, 2003 (for material covered at the hearing on July 22, 2003). In addition, any person who has not entered an appearance as a party to the investigation may submit, on or before August 1, 2003, a written statement concerning the matters to be addressed in the Commission's report to the President. All written submissions must conform with the provisions of section 201.8 of the Commission's rules; any submissions that contain confidential business information must also conform with the requirements of section 201.6 of the Commission's rules. Any CBI that is provided will be subject to limited disclosure under the APO (see above) and may be included in the report that the Commission sends to the President. The Commission's rules do not authorize filing of submissions with the Secretary by facsimile or electronic

[1] Subheadings 9903.72.30 through 9903.74.24 of the Harmonized Tariff Schedule of the United States cover the steel products included in these safeguard measures as well as specifying products and sources excluded from the safeguard measures. In the 2003 HTS, subheadings 9903.72.30 through 9903.72.48 cover carbon and alloy steel slabs; subheadings 9903.72.50 through 9903.73.39 cover carbon and alloy steel flat-rolled products (including plates and other hot-rolled steel, cold-rolled steel other than grain-oriented steel, and clad, coated, and plated steel); subheadings 9903.73.42 through 9903.73.62 cover certain carbon and alloy steel bars, rods, and light shapes; subheadings 9903.73.65 through 9903.73.71 cover carbon steel concrete reinforcing bars (rebars); subheadings 9903.73.74 through 9903.73.86 cover certain carbon and alloy steel non-seamless pipes and tubes; subheadings 9903.73.88 through 9903.73.95 cover certain tube and pipe fittings; subheadings 9903.73.97 through 9903.74.16 cover stainless steel bars, rods, angles, shapes, and sections; and subheadings 9903.74.18 through 9903.74.24 cover stainless steel wire.

means, except to the extent permitted by section 201.8 of the Commission's rules, as amended, 67 Fed. Reg. 68036 (November 8, 2002).

In accordance with section 201.16(c) of the Commission's rules, each document filed by a party to the investigation must be served on all other parties to the investigation (as identified by the service list), and a certificate of service must be timely filed. The Secretary will not accept a document for filing without a certificate of service.

Authority: This investigation is being conducted under the authority of section 204(a) of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

Dated: March 10, 2003.

By order of the Commission.

Marilyn R. Abbott,

Secretary to the Commission.

[FR Doc. 03–6123 Filed 3–13–03; 8:45 am]

BILLING CODE 7020–02–P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–204–9]

Steel: Monitoring Developments in the Domestic Industry

AGENCY: United States International Trade Commission.

ACTION: Revised schedule for the subject investigation.

EFFECTIVE DATE: April 10, 2003.

FOR FURTHER INFORMATION CONTACT: Elizabeth Haines (202–205–3200), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. General information concerning the Commission may also be obtained by accessing its internet server (*http://www.usitc.gov*). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS) at *http://edis.usitc.gov.*

SUPPLEMENTARY INFORMATION: On March 5, 2003, the Commission established a schedule for the conduct of the subject investigation (68 FR 12380, March 14, 2003). The Commission is revising its schedule for the investigation as follows: the hearings will be held at the U.S. International Trade Commission Building at 9:30 a.m. on July 10, 2003 (stainless steel products), July 17, 2003 (carbon and alloy tubular products), July 22, 2003 (carbon and alloy flat products), and July 24, 2003 (carbon and alloy long products), and the deadlines for filing posthearing briefs are July 18, 2003 (for material covered at the hearing on July 10, 2003), July 25, 2003 (for material covered at the hearing on July 17, 2003), and August 1, 2003 (for material covered at the hearings on July 22 and 24, 2003).

For further information concerning this investigation see the Commission's notice cited above and the Commission's rules of practice and procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and F (19 CFR part 206).

Authority: This investigation is being conducted under authority of section 204(a) of the Trade Act of 1974; this notice is published pursuant to § 206.3 of the Commission's rules.

Issued: April 11, 2003.

By order of the Commission.

Marilyn R. Abbott,

Secretary to the Commission.

[FR Doc. 03–9332 Filed 4–15–03; 8:45 am]

BILLING CODE 7020–02–P

Table A-1
***Federal Register* notices regarding the section 203 safeguard measures**

Date	*Federal Register* citation	Title	Description
March 7, 2002	67 FR 10553	Presidential Proclamation 7529– To Facilitate Positive Adjustment to Competition From Imports of Certain Steel Products	Announcement of the section 203 remedy; identification of products and countries covered by the relief; and list of initial products excluded from relief
March 7, 2002	67 FR 10593	Presidential Memorandum of March 5, 2002–Action Under Section 203 of the Trade Act of 1974 Concerning Certain Steel Products	Memorandum for the Secretary of the Treasury, the Secretary of Commerce, and the United States Trade Representative
March 19, 2002	67 FR 12635	Technical Corrections to the Harmonized Tariff Schedule of the United States	Corrects several inadvertent errors and omissions in the Annex to Presidential Proclamation 7529 of March 5, 2002 (67 FR 10553) so that the intended tariff treatment is provided
June 4, 2002	67 FR 38541	Technical Corrections to the Harmonized Tariff Schedule of the United States	Corrects several inadvertent errors and omissions in the Annex to Presidential Proclamation 7529 of March 5, 2002 (67 FR 10553) so that the intended tariff treatment is provided
July 12, 2002	67 FR 46221	Exclusion of Particular Products from Actions under Section 203 of the Trade Act of 1974 With Regard to Certain Steel Products; Conforming Changes and Technical Corrections to the Harmonized Tariff Schedule of the United States	USTR's determination that particular products should be excluded from actions under section 203 with regard to certain steel products
August 30, 2002	67 FR 56182	Exclusion of Particular Products From Actions Under Section 203 of the Trade Act of 1974 With Regard to Certain Steel Products; Conforming Changes and Technical Corrections to the Harmonized Tariff Schedule of the United States	USTR's determination that particular products should be excluded from actions under section 203 with regard to certain steel products
November 14, 2002	67 FR 69065	Technical Corrections to the Harmonized Tariff Schedule of the United States	Corrects several inadvertent errors and omissions in the Annex to Presidential Proclamation 7529 of March 5, 2002 (67 FR 10553) so that the intended tariff treatment is provided
February 11, 2003	68 FR 6982	Technical Corrections to the Harmonized Tariff Schedule of the United States	Corrects several inadvertent errors and omissions in the Annex to Presidential Proclamation 7529 of March 5, 2002 (67 FR 10553) so that the intended tariff treatment is provided
March 31, 2003	68 FR 15494	Exclusion of Particular Products From Actions Under Section 203 of the Trade Act of 1974 With Regard to Certain Steel Products; Conforming Changes and Technical Corrections to the Harmonized Tariff Schedule of the United States	USTR's determination that particular products should be excluded from actions under section 203 with regard to certain steel products
June 9, 2003	68 FR 34462	Technical Corrections to the Harmonized Tariff Schedule of the United States	Corrects several inadvertent errors and omissions in the Annex to Presidential Proclamation 7529 of March 5, 2002 (67 FR 10553) so that the intended tariff treatment is provided

Source: Various *Federal Register* notices.

APPENDIX B

HEARING WITNESSES

CALENDAR OF PUBLIC HEARING

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

Subject: **Steel: Monitoring Developments in the Domestic Industry (Stainless Steel)**

Inv. No.: **TA-204-9**

Date and Time: **July 10, 2003 - 9:30 a.m.**

Sessions were held in connection with this investigation in the Main Hearing Room (room 101), 500 E Street, SW, Washington, D.C.

CONGRESSIONAL APPEARANCES:

The Honorable Ralph Regula, U.S. Congressman, 16th District, State of Ohio
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana

OPENING REMARKS:

Domestic Producers (**David A. Hartquist**, Collier Shannon Scott, PLLC)
Respondents (**Charles H. Blum**, International Advisory Services Group, Ltd.)

PANEL ONE – DOMESTIC PRODUCERS:

Collier Shannon Scott, PLLC
Washington, D.C.
on behalf of

Carpenter Technology Corp.
Crucible Specialty Metals
Dunkirk Specialty Steel, LLC
Electralloy
Slater Steels Corp.

Michael L. Shor, Senior Vice President, Carpenter Technology Corp., Specialty Alloy Operations
Daniel M. Anderson, Vice President, Sales & Marketing, Slater Steels Corp., Specialty Alloys Division
John H. Simmons, Manager, Marketing and Product Development, Electralloy
William J. Pendleton, Director of Corporate Affairs, Carpenter Technology Corp.
William Wellock, Manager, Consolidated Planning, Carpenter Technology Corp.
Edward J. Blot, President, Ed Blot & Associates
Patrick J. Magrath, Consultant, Georgetown Economic Services
Brad Hudgens, Consultant, Georgetown Economic Services

David A. Hartquist)
Laurence J. Lasoff) – OF COUNSEL
Grace W. Kim)

PANEL TWO – RESPONDENTS:

Shearman & Sterling LLP
Washington, D.C.
on behalf of

Arcelor

Christopher M. Ryan) – OF COUNSEL

International Advisory Services Group, Ltd.
Washington, D.C.
on behalf of

European Confederation of Iron and Steel Industries

Charles H. Blum, U.S. Representative, European Confederation of Iron and Steel Industries

REBUTTAL/CLOSING REMARKS:

Domestic Producers (**David A. Hartquist**, Collier Shannon Scott, PLLC)
Respondents (**Charles H. Blum**, International Advisory Services Group, Ltd.)

CALENDAR OF PUBLIC HEARING

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

Subject: **Steel: Monitoring Developments in the Domestic Industry (Carbon and Alloy Tubular Steel)**

Inv. No.: **TA-204-9**

Date and Time: **July 17, 2003 - 9:30 a.m.**

Sessions were held in connection with this investigation in the Main Hearing Room (Room 101), 500 E Street, SW, Washington, D.C.

CONGRESSIONAL APPEARANCES:

The Honorable Mark Pryor, United States Senator, State of Arkansas
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
The Honorable Phil English, U.S. Congressman, 3rd District, State of Pennsylvania
The Honorable Melissa A. Hart, U.S. Congresswoman, 4th District, State of Pennsylvania
The Honorable Jo Bonner, U.S. Congressman, 1st District, State of Alabama

OPENING REMARKS:

Domestic Producers (**Roger B. Schagrin**, Schagrin Associates)
Respondents (**Julie C. Mendoza**, Kaye Scholer LLP)

PANEL ONE – DOMESTIC PRODUCERS:

Schagrin Associates
Washington, D.C.
on behalf of

CPTI 201 Coalition

Robert Bussiere, General Manager, Fire Protection Products, Allied Tube & Conduit Corp.
L. Scott Barnes, Vice President, Commercial, IPSCO Tubulars, Inc.
Parry Katsafanas, President, Leavitt Tube Co., LLC
Donald Bohach, Vice President, Marketing and Sales, Stupp Corp.
Mark Magno, Vice President, Marketing, Wheatland Tube Company
Robert Blecker, Professor of Economics, American University

Roger B. Schagrin) – OF COUNSEL

PANEL ONE – DOMESTIC PRODUCERS (continued):

Harris Ellsworth & Levin
Washington, D.C.
on behalf of

Trinity Fitting Group, Incorporated

Don A. Graham, President, Trinity Fitting Group, Incorporated

Cheryl Ellsworth)
John B. Totaro, Jr.) – OF COUNSEL

Stewart and Stewart
Washington, D.C.
on behalf of

United Steelworkers of America, AFL-CIO ·CLC

Leo W. Gerard, International President, United Steelworkers of America, AFL-CIO·CLC

Terence P. Stewart) – OF COUNSEL

PANEL TWO – RESPONDENTS:

Kaye Scholer LLP
Washington, D.C.
on behalf of

Korea Iron & Steel Association
Pohang Iron & Steel Co. Ltd.
Union Steel Manufacturing Co., Ltd.
Dongbu Steel Co., Ltd.
Hysco Steel Co.
Husteel Co., Ltd.
SeAH Steel Corp.
Pohang Coated Steel Co., Ltd.
Dongyang Tinplate Co.

Marcus A. Kraker, Trade Analyst, Kaye Scholer LLP

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL

REBUTTAL/CLOSING REMARKS:

Domestic Producers (**Roger B. Schagrin**, Schagrin Associates; and **Cheryl Ellsworth**, Harris Ellsworth & Levin)
Respondents (**Donald B. Cameron**, Kaye Scholer LLP)

CALENDAR OF PUBLIC HEARING

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

Subject: **Steel: Monitoring Developments in the Domestic Industry (Carbon and Alloy Flat Steel)**

Inv. No.: **TA-204-9**

Date and Time: July 22, 2003 - 9:30 a.m.

Sessions were held in connection with this investigation in the Main Hearing Room (Room 101), 500 E Street, SW, Washington, D.C.

<u>CONGRESSIONAL APPEARANCES:</u>

The Honorable John D. Rockefeller IV, United States Senator, State of West Virginia
The Honorable Evan Bayh, United States Senator, State of Indiana
The Honorable George V. Voinovich, United States Senator, State of Ohio
The Honorable Hillary Rodham Clinton, United States Senator, State of New York
The Honorable Jim Oberstar, U.S. Congressman, 8th District, State of Minnesota
The Honorable Sander Levin, U.S. Congressman, 12th District, State of Michigan
The Honorable Alan B. Mollohan, U.S. Congressman, 1st District, State of West Virginia
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
The Honorable Benjamin L. Cardin, U.S. Congressman, 3rd District, State of Maryland
The Honorable Amo Houghton, Jr., U.S. Congressman, 29th District, State of New York
The Honorable Bart Stupak, U.S. Congressman, 1st District, State of Michigan
The Honorable Mike Doyle, U.S. Congressman, 14th District, State of Pennsylvania
The Honorable Ted Strickland, U.S. Congressman, 6th District, State of Ohio
The Honorable Carolyn Cheeks Kilpatrick, U.S. Congresswoman, 15th District, State of Michigan
The Honorable Dennis J. Kucinich, U.S. Congressman, 10th District, State of Ohio
The Honorable Stephanie Tubbs Jones, U.S. Congresswoman, 11th District, State of Ohio
The Honorable Shelley Moore Capito, U.S. Congresswoman, 2nd District, State of West Virginia
The Honorable Rob Bishop, U.S. Congressman, 1st District, State of Utah
The Honorable Artur Davis, U.S. Congressman, 7th District, State of Alabama
The Honorable Tim Murphy, U.S. Congressman, 18th District, State of Pennsylvania
The Honorable Tim Ryan, U.S. Congressman, 17th District, State of Ohio

<u>STATE LEGISLATURE APPEARANCE:</u>

The Honorable Edwin J. Bowman, State Senator, State of West Virginia

<u>OPENING REMARKS:</u>

Domestic Industry (**Robert Lighthizer**, Skadden, Arps, Slate, Meagher & Flom LLP)
Respondents (**William H. Barringer**, Willkie Farr & Gallagher)

PANEL ONE – DOMESTIC INDUSTRY:

Dewey Ballantine LLP
Washington, D.C.
and
Skadden, Arps, Slate, Meagher & Flom LLP
Washington, D.C.
on behalf of

United States Steel Corp.

Roy G. Dorrance, Vice Chairman, United States Steel Corp.
Stephen Szymanski, General Manager of Sales and Service to Service Center, United States Steel Corp.
William Noellert, Chief Economist, Dewey Ballantine LLP
Susan Hester, Economist, Dewey Ballantine LLP
Seth Kaplan, Vice President, Charles River Associates, Inc.
David Riker, Economist, Charles River Associates

Alan Wolff)
Robert Lighthizer)
Kevin Dempsey) – OF COUNSEL
James Hecht)
Stephen Narkin)

Stewart and Stewart
Washington, D.C.
on behalf of

International Steel Group Inc.

Wilbur L. Ross, Jr., Chairman of the Board of Directors and Director, International Steel Group Inc.

Terence P. Stewart) – OF COUNSEL

Wiley, Rein & Fielding LLP
Washington, D.C.
on behalf of

Nucor Corp.

Daniel DiMicco, Vice Chairman, President, and CEO, Nucor Corp.
Robert Johns, Director of Marketing, Sheet Mill Group, Nucor Corp.
Seth Kaplan, Vice President, Charles Rivers Associates, Inc.
Peter Morici, Professor of Economics, University of Maryland

Charles Owen Verrill, Jr.)
Alan H. Price) – OF COUNSEL

PANEL ONE – DOMESTIC INDUSTRY (continued):

Schagrin Associates
Washington, D.C.
on behalf of

201 Flat-Rolled Coalition

Edward Puisis, Chief Financial Officer, Gallatin Steel Company
Michael Scott, Vice President, Sales and Marketing, Weirton Steel Company
Mark Glyptis, President, Independent Steelworkers Union

Roger B. Schagrin) – OF COUNSEL

Thompson Coburn
Washington, D.C.
on behalf of

Ispat Inland Inc.

Stephen Rogers, Vice President, Sales and Marketing, Ispat Inland Inc.

David M. Schwartz)
Mark L. Parsons) – OF COUNSEL
Murray J. Belman)

Stewart and Stewart
Washington, D.C.
on behalf of

United Steelworkers of America, AFL-CIO ·CLC

Leo W. Gerard, International President, United Steelworkers of America
William J. Klinefelter, Assistant to the President and Legislative and Political Director, United Steelworkers of America

Terence P. Stewart) – OF COUNSEL

PANEL TWO – FOREIGN RESPONDENTS:

Willkie Farr & Gallagher
Washington, D.C.
on behalf of

Nippon Steel Corp.
JFE Steel Corp.
Sumitomo Metal Industries, Ltd.
Kobe Steel Limited
Nisshin Steel Company Limited
Japan Iron and Steel Federation

William H. Barringer)
Christopher Dunn) – OF COUNSEL
Kenneth J. Pierce)

Kaye Scholer LLP
Washington, D.C.
on behalf of

Korea Iron & Steel Association
Pohang Iron & Steel Co. Ltd.
Union Steel Manufacturing Co., Ltd.
Dongbu Steel Co., Ltd.
Hysco Steel Co.
Husteel Co., Ltd.
SeAH Steel Corp.
Pohang Coated Steel Co., Ltd.
Dongyang Tinplate Co.

Donald B. Cameron) – OF COUNSEL

Willkie Farr & Gallagher
Washington, D.C.
on behalf of

Companhia Siderurgica Paulista
Companhia Siderurgica Nacional
Usinas Siderurgica de Minas Gerais, S.A.
Companhia Siderurgica de Tubarao
Aco Minas Gerais, S.A.
Instituto Brasileiro de Siderurgica

William H. Barringer)
Christopher Dunn) – OF COUNSEL
Kenneth J. Pierce)

PANEL TWO – FOREIGN RESPONDENTS (continued):

deKieffer & Horgan
Washington, D.C.
on behalf of

AG der Dillinger Huttenwerke
GTS Industries, S.A.

J. Kevin Horgan) – OF COUNSEL

Shearman & Sterling LLP
Washington, D.C.
on behalf of

Arcelor

Robert Crandall, Senior Fellow, Brookings Institution

Christopher M. Ryan) – OF COUNSEL

Steptoe & Johnson
Washington, D.C.
on behalf of

Corus Group plc

Jeff Hoye, President, Corus America, Inc.

Richard O. Cunningham)
Troy Cribb) – OF COUNSEL

Kalik Lewin
Washington, D.C.
on behalf of

Azovstal Iron and Steel Works
Leman Commodities, S.A.

Martin J. Lewin) – OF COUNSEL

PANEL TWO – FOREIGN RESPONDENTS (continued):

International Advisory Services Group, Ltd.
Washington, D.C.
on behalf of

European Confederation of Iron and Steel Industries

Charles H. Blum, U.S. Representative, European Confederation of Iron and Steel Industries

Christian Mari, Director of External Relations, European Confederation of Iron and Steel Industries

Barnes, Richardson & Colburn
Washington, D.C.
on behalf of

Association of Specialty Cold Rolled Strip Producers of Germany

Gunter von Conrad)
Stephen W. Brophy) – OF COUNSEL

PANEL THREE – CONSUMER INTEREST:

King & Spalding LLP
Washington, D.C.
on behalf of

AK Steel Corp.
California Steel Industries, Inc.
Duferco Farrell Corp.

Robert D. Miller, Chief Financial Officer and Treasurer, Duferco Farrell Corp.

Joseph W. Dorn)
Duane W. Layton) – OF COUNSEL

Hogan & Hartson
Washington, D.C.
on behalf of

Consuming Industries Trade Action Coalition Steel Task Force (CITAC)

Dale Cann, Former President, Nesco Container Corp.

Lewis Leibowitz)
Lynn Kamarck) – OF COUNSEL

PANEL THREE – CONSUMER INTEREST (continued):

DURA Automotive Systems, Inc. ("DURA")

John J. Knappenberger, Vice President, Sales, Marketing, Quality, and Materials, DURA

Precision Metalforming Association

William E. Gaskin, CAE, President, Precision Metalforming Association
Richard Wilkey, President, Fisher-Barton
James Zawacki, CEO, GR Spring and Stamping

REBUTTAL/CLOSING REMARKS:

Domestic Industry (**Terence P. Stewart**, Stewart and Stewart)
Respondents (**Kenneth J. Pierce**, Willkie Farr & Gallagher)

CALENDAR OF PUBLIC HEARING

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

Subject: **Steel: Monitoring Developments in the Domestic Industry (Carbon and Alloy Long Steel)**

Inv. No.: **TA-204-9**

Date and Time: **July 24, 2003 - 9:30 a.m.**

Sessions were held in connection with this investigation in the Main Hearing Room (Room 101), 500 E Street, SW, Washington, D.C.

CONGRESSIONAL APPEARANCES:

The Honorable Arlen Specter, United States Senator, State of Pennsylvania
The Honorable Mike DeWine, United States Senator, State of Ohio
The Honorable Blanche L. Lincoln, United States Senator, State of Arkansas
The Honorable Lindsey O. Graham, United States Senator, State of South Carolina
The Honorable John M. Spratt, Jr., U.S. Congressman, 5th District, State of South Carolina
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
The Honorable Danny K. Davis, U.S. Congressman, 7th District, State of Illinois
The Honorable Joe Wilson, U.S. Congressman, 2nd District, State of South Carolina

STATE APPEARANCE:

The Honorable Andre Bauer, Lieutenant Governor, State of South Carolina

OPENING REMARKS:

Domestic Industry (**Alan H. Price**, Wiley, Rein & Fielding)
Respondents (**Richard O. Cunningham**, Steptoe & Johnson LLP)

PANEL ONE – DOMESTIC INDUSTRY:

Dewey Ballantine LLP
Washington, D.C.
and
Skadden, Arps, Slate, Meagher & Flom LLP
Washington, D.C.
on behalf of

United States Steel Corp.

Thomas J. Usher, Chairman and Chief Executive Officer, United States Steel Corp.

Alan Wolff)
Robert Lighthizer) – OF COUNSEL

Wiley Rein & Fielding LLP
Washington, D.C.
on behalf of

Long Products Producers Coalition

Daniel R. DiMicco, Vice Chairman, President, and Chief Executive Officer, Nucor Corp.
Bob Johns, Director, Marketing, Nucor Corp.
Clyde Selig, Steel Group President and Chief Operating Officer, CMC Steel Group
Jon Ruth, President, North Star Steel
James T. Thielens, Jr., Vice President, Republic Engineered Products
Jim Fritsch, Vice President, Strategic Planning, CMC Steel Group
Robert Muhlhan, Vice President, Material Procurement, Gerdau Ameristeel Corp.
Michael K. Haidet, Senior Government Affairs Specialist, Trade, The Timken Company
Seth Kaplan, Vice President, Charles River Associates

Charles O. Verrill, Jr.)
Alan H. Price) – OF COUNSEL
Timothy C. Brightbill)

King & Spalding
Washington, D.C.
on behalf of

Cold Finished Steel Bar Institute

Paul J. Darling, II, President and CEO, The Corey Steel Company

Duane W. Layton) – OF COUNSEL

PANEL ONE – DOMESTIC INDUSTRY (continued):

Thompson Coburn
Washington, D.C.
on behalf of

Ispat Inland Inc.

Joseph Alvarado, Vice President, Commercial, Ispat North America
Nicholas Boyan, Manager, Marketing and Customer Service, Ispat Inland Inc.

David M. Schwartz)
Mark L. Parsons) – OF COUNSEL
Murray J. Belman)

PANEL TWO – FOREIGN RESPONDENTS:

Steptoe & Johnson LLP
Washington, D.C.
on behalf of

Corus Group plc

Jeff Hoye, President, Corus America, Inc.

Richard O. Cunningham)
Tina Potuto Kimble) – OF COUNSEL

International Advisory Services Group, Ltd.
Washington, D.C.
on behalf of

European Confederation of Iron and Steel Industries

Charles H. Blum, U.S. Representative, European Confederation of Iron and Steel Industries
Christian Mari, Director, External Relations, European Confederation of Iron and Steel Industries

<u>PANEL THREE – CONSUMER INTEREST:</u>

Dykema Gossett
Washington, D.C.
<u>on behalf of</u>

Metaldyne Corp.

Douglas Grimm, Vice President, Precision Forming Division, Metaldyne Corp.
Bob Carr, Director, Steel & Energy Purchasing, Metaldyne Corp.
Kurt Ruecke, Director, Corporate Communications, Metaldyne Corp.

Sanford B. Ring) – OF COUNSEL

<u>REBUTTAL/CLOSING REMARKS:</u>

Domestic Industry (**Charles O. Verrill, Jr.**, Wiley, Rein & Fielding)
Respondents (**Richard O. Cunningham**, Steptoe & Johnson LLP)

APPENDIX C

SUMMARY TABLES

CARBON AND ALLOY FLAT STEEL

Table C-1
Certain carbon and alloy flat-rolled steel: Summary data concerning the U.S. market, April 2000-March 2003[1]

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	200,809,747	190,403,388	202,047,809	0.6	-5.2	6.1
Producers' share[2]	90.6	91.6	91.5	0.9	1.0	-0.1
Importers' share:[2]						
Covered sources[3]	6.1	5.8	4.1	-2.0	-0.3	-1.7
Noncovered sources	3.3	2.6	4.4	1.1	-0.7	1.8
Total imports	9.4	8.4	8.5	-0.9	-1.0	0.1
U.S. consumption value:						
Amount	63,574,914	55,049,519	65,495,294	3.0	-13.4	19.0
Producers' share[2]	90.1	91.7	91.2	1.1	1.6	-0.4
Importers' share:[2]						
Covered sources[3]	6.5	5.6	4.0	-2.4	-0.9	-1.6
Noncovered sources	3.4	2.7	4.7	1.3	-0.7	2.0
Total imports	9.9	8.3	8.8	-1.1	-1.6	0.4
U.S. imports from:						
Covered sources:[3]						
Quantity	12,256,742	11,065,158	8,366,746	-31.7	-9.7	-24.4
Value	4,125,068	3,091,312	2,649,396	-35.8	-25.1	-14.3
Unit value	$337	$279	$317	-5.9	-17.0	13.3
Ending inventory *(quantity)*[4]	1,194,852	1,393,758	1,223,357	2.4	16.6	-12.2
Noncovered sources:						
Quantity	6,581,781	4,933,519	8,800,093	33.7	-25.0	78.4
Value	2,151,945	1,489,681	3,084,046	43.3	-30.8	107.0
Unit value	$327	$302	$350	7.2	-7.6	16.1
Ending inventory *(quantity)*[4]	480,134	425,938	562,748	17.2	-11.3	32.1
All sources:						
Quantity	18,838,524	15,998,677	17,166,839	-8.9	-15.1	7.3
Value	6,277,014	4,580,993	5,733,442	-8.7	-27.0	25.2
Unit value	$333	$286	$334	0.2	-14.1	16.6
Ending inventory *(quantity)*[4]	1,674,986	1,819,696	1,786,105	6.6	8.6	-1.8
U.S. producers:						
Average capacity[5] *(quantity)*	223,007,417	216,634,946	226,644,611	1.6	-2.9	4.6
Production *(quantity)*	183,802,902	175,857,719	187,895,768	2.2	-4.3	6.8
Capacity utilization[2]	82.4	81.2	82.9	0.5	-1.2	1.7
U.S. shipments:						
Quantity	181,971,223	174,404,711	184,880,970	1.6	-4.2	6.0
Value	57,297,900	50,468,526	59,761,852	4.3	-11.9	18.4
Unit value	$315	$289	$323	2.7	-8.1	11.7
Export shipments:						
Quantity	2,039,259	1,908,669	2,601,907	27.6	-6.4	36.3
Value	1,029,303	927,389	1,144,034	11.1	-9.9	23.4
Unit value	$505	$486	$440	-12.9	-3.7	-9.5
Ending inventory *(quantity)*	8,950,049	8,394,052	8,006,582	-10.5	-6.2	-4.6
Inventories/total shipments[2]	4.9	4.8	4.3	-0.6	-0.1	-0.5

Table continued. See footnotes at end of table.

Table C-1--*Continued*
Certain carbon and alloy flat-rolled steel: Summary data concerning the U.S. market, April 2000-March 2003[1]

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers[6]	101,136	99,494	89,584	-11.4	-1.6	-10.0
Hours worked[6] *(1,000s)*	219,046	197,482	189,006	-13.7	-9.8	-4.3
Wages paid[6] *($1,000)*	5,771,065	5,344,037	5,291,435	-8.3	-7.4	-1.0
Hourly wages[6]	$26.38	$27.09	$28.04	6.3	2.7	3.5
Productivity[6] *(tons/1,000 hours)*	771.2	830.1	934.1	21.1	7.6	12.5
Unit labor costs[6]	$34.17	$32.60	$29.98	-12.3	-4.6	-8.1
Net commercial sales:						
Quantity	61,453,780	59,906,344	64,554,417	5.0	-2.5	7.8
Value	25,337,838	21,937,717	26,636,230	5.1	-13.4	21.4
Unit value	$412	$366	$413	0.1	-11.2	12.7
Cost of goods sold (COGS)	25,257,242	23,095,171	24,532,799	-2.9	-8.6	6.2
Gross profit or (loss)	80,596	(1,157,454)	2,103,431	2,509.9	([7])	([7])
SG&A expenses	1,336,738	1,203,328	1,275,538	-4.6	-10.0	6.0
Operating income or (loss)	(1,256,142)	(2,360,782)	827,893	([7])	-87.9	([7])
Capital expenditures	1,405,380	766,287	511,097	-63.6	-45.5	-33.3
Unit COGS	$411	$386	$380	-7.5	-6.2	-1.4
Unit SG&A expenses	$22	$20	$20	-9.2	-7.7	-1.6
Unit operating income or (loss)	$(20)	$(39)	$13	([7])	-92.8	([7])
COGS/sales[1]	99.7	105.3	92.1	-7.6	5.6	-13.2
Operating income or (loss)/sales[1]	(5.0)	(10.8)	3.1	8.1	-5.8	13.9

[1] Caution should be used in interpreting the data presented in this table because of the potential for multiple counting, particularly with respect to capacity and production data (e.g., slabs are typically an upstream product of hot-rolled which in turn is typically an upstream product of most cold-rolled, etc.)
[2] "Reported data" are in percent and "period changes" are in percentage points.
[3] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[4] Inventories of U.S. imports are based on responses to Commission questionnaires.
[5] An alternative measure of production capacity and capacity utilization would limit its focus to plate and hot-rolled steel. This supplemental calculation appears in table FLAT II-9
[6] The following firms did not provide employment data for the specified products: slabs (***); plate (***); hot-rolled (***), cold-rolled (***), and coated (***). Hourly wages, productivity, and unit labor costs are calculated from data of these firms providing both numerator and denominator information for the specified products.
[7] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-2
Tin: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	3,575,339	3,455,081	3,397,672	-5.0	-3.4	-1.7
Producers' share[1]	85.7	83.2	90.4	4.7	-2.6	7.2
Importers' share:[1]						
Covered sources	10.1	12.6	4.9	-5.2	2.6	-7.8
Noncovered sources	4.2	4.2	4.7	0.6	0.0	0.6
Total imports	14.3	16.8	9.6	-4.7	2.6	-7.2
U.S. consumption value:						
Amount	2,115,092	2,040,256	2,026,917	-4.2	-3.5	-0.7
Producers' share[1]	85.5	83.4	90.4	4.9	-2.1	7.0
Importers' share:[1]						
Covered sources	10.4	12.6	5.0	-5.3	2.2	-7.6
Noncovered sources	4.2	4.0	4.6	0.4	-0.1	0.6
Total imports	14.5	16.6	9.6	-4.9	2.1	-7.0
U.S. imports from:						
Covered sources:						
Quantity	360,372	437,045	165,059	-54.2	21.3	-62.2
Value	219,140	257,013	101,756	-53.6	17.3	-60.4
Unit value	$608	$588	$616	1.4	-3.3	4.8
Ending inventory *(quantity)*[2]	81,057	98,239	72,881	-10.1	21.2	-25.8
Noncovered sources:						
Quantity	149,811	144,479	161,221	7.6	-3.6	11.6
Value	88,090	82,105	92,936	5.5	-6.8	13.2
Unit value	$588	$568	$576	-2.0	-3.4	1.4
Ending inventory *(quantity)*[2]	2,200	2,100	1,500	-31.8	-4.5	-28.6
All sources:						
Quantity	510,182	581,523	326,280	-36.0	14.0	-43.9
Value	307,230	339,118	194,692	-36.6	10.4	-42.6
Unit value	$602	$583	$597	-0.9	-3.2	2.3
Ending inventory *(quantity)*[2]	83,257	100,339	74,381	-10.7	20.5	-25.9
U.S. producers:						
Average capacity *(quantity)*	4,041,845	3,741,545	3,654,045	-9.6	-7.4	-2.3
Production *(quantity)*	3,209,607	2,920,670	3,213,758	0.1	-9.0	10.0
Capacity utilization[1]	79.4	78.1	88.0	8.5	-1.3	9.9
U.S. shipments:						
Quantity	3,065,157	2,873,558	3,071,392	0.2	-6.3	6.9
Value	1,807,862	1,701,138	1,832,225	1.3	-5.9	7.7
Unit value	$590	$592	$597	1.1	0.4	0.8
Export shipments:						
Quantity	158,882	98,131	114,020	-28.2	-38.2	16.2
Value	87,585	56,600	66,869	-23.7	-35.4	18.1
Unit value	$551	$577	$586	6.4	4.6	1.7
Ending inventory *(quantity)*	406,004	327,735	354,081	-12.8	-19.3	8.0
Inventories/total shipments[1]	12.6	11.0	11.1	-1.5	-1.6	0.1

Table continued. See footnotes at end of table.

Table C-2--*Continued*
Tin: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers	6,268	5,572	5,055	-19.4	-11.1	-9.3
Hours worked *(1,000s)*	13,601	11,661	10,977	-19.3	-14.3	-5.9
Wages paid *($1,000)*	349,985	303,352	288,975	-17.4	-13.3	-4.7
Hourly wages	$25.73	$26.01	$26.33	2.3	1.1	1.2
Productivity *(tons/1,000 hours)*	236.0	250.5	292.8	24.1	6.1	16.9
Unit labor costs	$109.04	$103.86	$89.92	-17.5	-4.8	-13.4
Net commercial sales:						
Quantity	3,225,789	2,978,789	3,186,112	-1.2	-7.7	7.0
Value	1,895,193	1,754,623	1,897,573	0.1	-7.4	8.1
Unit value	$588	$589	$596	1.4	0.3	1.1
Cost of goods sold (COGS)	1,977,613	1,838,505	1,895,883	-4.1	-7.0	3.1
Gross profit or (loss)	(82,420)	(83,882)	1,690	([3])	-1.8	([3])
SG&A expenses	105,834	85,536	85,187	-19.5	-19.2	-0.4
Operating income or (loss)	(188,254)	(169,418)	(83,497)	55.6	10.0	50.7
Capital expenditures	62,655	40,400	17,513	-72.0	-35.5	-56.7
Unit COGS	$613	$617	$595	-2.9	0.7	-3.6
Unit SG&A expenses	$33	$29	$27	-18.5	-12.5	-6.9
Unit operating income or (loss)	$(58)	$(57)	$(26)	55.1	2.5	53.9
COGS/sales[1]	104.3	104.8	99.9	-4.4	0.4	-4.9
Operating income or (loss)/sales[1]	(9.9)	(9.7)	(4.4)	5.5	0.3	5.3

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Inventories of U.S. imports are based on responses to Commission questionnaires.
[3] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-3
Slabs: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	65,432,419	63,886,948	67,952,820	3.9	-2.4	6.4
Producers' share[1]	90.2	89.7	89.7	-0.5	-0.5	0.0
Importers' share:[1]						
Covered sources[2]	6.9	7.9	6.7	-0.2	1.0	-1.3
Noncovered sources	2.9	2.4	3.7	0.8	-0.5	1.3
Total imports	9.8	10.3	10.3	0.5	0.5	0.0
U.S. consumption value:						
Amount	14,535,736	13,402,499	15,017,577	3.3	-7.8	12.1
Producers' share[1]	90.5	91.6	90.0	-0.4	1.2	-1.6
Importers' share:[1]						
Covered sources[2]	6.6	6.2	6.3	-0.4	-0.4	0.0
Noncovered sources	2.9	2.1	3.7	0.8	-0.8	1.6
Total imports	9.5	8.4	10.0	0.4	-1.2	1.6
U.S. imports from:						
Covered sources:[2]						
Quantity	4,526,237	5,075,704	4,539,802	0.3	12.1	-10.6
Value	962,734	837,269	939,733	-2.4	-13.0	12.2
Unit value	$213	$165	$207	-2.7	-22.4	25.5
Ending inventory *(quantity)*[3]	621,348	883,214	701,319	12.9	42.1	-20.6
Noncovered sources:						
Quantity	1,897,202	1,509,273	2,482,769	30.9	-20.4	64.5
Value	422,348	284,778	557,394	32.0	-32.6	95.7
Unit value	$223	$189	$225	0.8	-15.2	19.0
Ending inventory *(quantity)*[3]	338,592	326,524	366,701	8.3	-3.6	12.3
All sources:						
Quantity	6,423,439	6,584,977	7,022,570	9.3	2.5	6.6
Value	1,385,081	1,122,047	1,497,127	8.1	-19.0	33.4
Unit value	$216	$170	$213	-1.1	-21.0	25.1
Ending inventory *(quantity)*[3]	959,940	1,209,738	1,068,020	11.3	26.0	-11.7
U.S. producers:						
Average capacity *(quantity)*	68,381,515	66,854,548	69,565,244	1.7	-2.2	4.1
Production *(quantity)*	59,277,687	57,019,459	60,393,082	1.9	-3.8	5.9
Capacity utilization[1]	86.7	85.3	86.8	0.1	-1.4	1.5
U.S. shipments:						
Quantity	59,008,980	57,301,971	60,930,250	3.3	-2.9	6.3
Value	13,150,655	12,280,452	13,520,450	2.8	-6.6	10.1
Unit value	$223	$214	$222	-0.4	-3.8	3.5
Export shipments:						
Quantity	12,023	37,308	57,167	375.5	210.3	53.2
Value	2,615	7,279	12,463	376.6	178.4	71.2
Unit value	$217	$195	$218	0.2	-10.3	11.7
Ending inventory *(quantity)*	2,518,204	2,277,739	2,239,626	-11.1	-9.5	-1.7
Inventories/total shipments[1]	4.3	4.0	3.7	-0.6	-0.3	-0.3
Table continued. See footnotes at end of table.						

Table C-3--*Continued*
Slabs: Summary data concerning the U.S. market, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
U.S. producers:–*Continued*						
Production workers[4]	17,264	16,876	16,813	-2.6	-2.2	-0.4
Hours worked[4] *(1,000s)*	37,140	35,465	36,388	-2.0	-4.5	2.6
Wages paid[4] *($1,000)*	970,827	948,109	998,839	2.9	-2.3	5.4
Hourly wages[4]	$26.14	$26.73	$27.45	5.0	2.3	2.7
Productivity[4] *(tons/1,000 hours)*	***	***	***	11.8	5.5	5.9
Unit labor costs[4]	$***	$***	$***	-6.1	-3.1	-3.1
Net commercial sales:						
Quantity	106,902	201,234	793,854	642.6	88.2	294.5
Value	22,332	44,417	183,075	719.8	98.9	312.2
Unit value	$209	$221	$231	10.4	5.7	4.5
Cost of goods sold (COGS)	23,879	45,829	175,862	636.5	91.9	283.7
Gross profit or (loss)	(1,547)	(1,412)	7,213	([5])	8.7	([5])
SG&A expenses	2,683	3,536	13,920	418.8	31.8	293.7
Operating income or (loss)	(4,230)	(4,948)	(6,707)	-58.6	-17.0	-35.6
Capital expenditures	214,164	1,204	4,254	-98.0	-99.4	253.3
Unit COGS	$223	$228	$222	-0.8	2.0	-2.7
Unit SG&A expenses	$25	$18	$18	-30.1	-30.0	-0.2
Unit operating income or (loss)	$(40)	$(25)	$(8)	78.6	37.9	65.6
COGS/sales[1]	106.9	103.2	96.1	-10.9	-3.7	-7.1
Operating income or (loss)/sales[1]	(18.9)	(11.1)	(3.7)	15.3	7.8	7.5

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[5] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-4
Plate: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	5,921,186	6,583,080	6,316,361	6.7	11.2	-4.1
Producers' share[1]	83.7	84.6	89.1	5.4	0.9	4.4
Importers' share:[1]						
Covered sources[2]	11.0	9.9	3.1	-7.9	-1.1	-6.8
Noncovered sources	5.3	5.4	7.8	2.5	0.2	2.4
Total imports	16.3	15.4	10.9	-5.4	-0.9	-4.4
U.S. consumption value:						
Amount	2,343,240	2,429,774	2,379,915	1.6	3.7	-2.1
Producers' share[1]	83.6	84.0	88.5	4.9	0.4	4.5
Importers' share:[1]						
Covered sources[2]	11.6	11.0	4.2	-7.4	-0.6	-6.8
Noncovered sources	4.7	5.0	7.2	2.5	0.3	2.3
Total imports	16.4	16.0	11.5	-4.9	-0.4	-4.5
U.S. imports from:						
Covered sources:[2]						
Quantity	652,347	652,737	195,241	-70.1	0.1	-70.1
Value	272,760	267,483	100,955	-63.0	-1.9	-62.3
Unit value	$418	$410	$517	23.7	-2.0	26.2
Ending inventory *(quantity)*[3]	18,406	20,198	19,453	5.7	9.7	-3.7
Noncovered sources:						
Quantity	312,251	358,046	493,828	58.2	14.7	37.9
Value	110,466	120,801	172,075	55.8	9.4	42.4
Unit value	$354	$337	$348	-1.5	-4.6	3.3
Ending inventory *(quantity)*[3]	4,290	3,241	4,215	-1.7	-24.5	30.1
All sources:						
Quantity	964,598	1,010,784	689,068	-28.6	4.8	-31.8
Value	383,226	388,284	273,030	-28.8	1.3	-29.7
Unit value	$397	$384	$396	-0.3	-3.3	3.1
Ending inventory *(quantity)*[3]	22,696	23,439	23,668	4.3	3.3	1.0
U.S. producers:						
Average capacity *(quantity)*	7,635,237	8,579,041	8,701,618	14.0	12.4	1.4
Production *(quantity)*	5,177,644	5,837,256	5,861,837	13.2	12.7	0.4
Capacity utilization[1]	67.8	68.0	67.4	-0.4	0.2	-0.7
U.S. shipments:						
Quantity	4,956,588	5,572,296	5,627,293	13.5	12.4	1.0
Value	1,960,014	2,041,490	2,106,885	7.5	4.2	3.2
Unit value	$395	$366	$374	-5.3	-7.4	2.2
Export shipments:						
Quantity	222,868	187,956	266,202	19.4	-15.7	41.6
Value	91,491	73,612	98,394	7.5	-19.5	33.7
Unit value	$411	$392	$370	-10.0	-4.6	-5.6
Ending inventory *(quantity)*	346,258	395,368	362,079	4.6	14.2	-8.4
Inventories/total shipments[1]	6.7	6.9	6.1	-0.5	0.2	-0.7

Table continued. See footnotes at end of table.

Table C-4--*Continued*
Plate: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers[4]	5,005	4,958	4,539	-9.3	-0.9	-8.5
Hours worked[4] *(1,000s)*	***	***	***	-8.9	-1.5	-7.5
Wages paid[4] *($1,000)*	***	***	***	-4.2	2.9	-6.9
Hourly wages[4]	$***	$***	$***	5.6	4.4	1.1
Productivity[4] *(tons/1,000 hours)*	***	***	***	25.9	15.8	8.7
Unit labor costs[4]	$***	$***	$***	-16.5	-9.9	-7.3
Net commercial sales:						
Quantity	5,008,421	5,353,285	5,474,277	9.3	6.9	2.3
Value	1,979,495	1,948,264	2,023,130	2.2	-1.6	3.8
Unit value	$395	$364	$370	-6.5	-7.9	1.5
Cost of goods sold (COGS)	2,034,828	2,048,556	2,079,714	2.2	0.7	1.5
Gross profit or (loss)	(55,333)	(100,292)	(56,584)	-2.3	-81.3	43.6
SG&A expenses	98,192	95,297	90,465	-7.9	-2.9	-5.1
Operating income or (loss)	(153,525)	(195,589)	(147,049)	4.2	-27.4	24.8
Capital expenditures	231,716	161,133	37,553	-83.8	-30.5	-76.7
Unit COGS	$406	$383	$380	-6.5	-5.8	-0.7
Unit SG&A expenses	$20	$18	$17	-15.7	-9.2	-7.2
Unit operating income or (loss)	$(31)	$(37)	$(27)	12.4	-19.2	26.5
COGS/sales[1]	102.8	105.1	102.8	0.0	2.4	-2.4
Operating income or (loss)/sales[1]	(7.8)	(10.0)	(7.3)	0.5	-2.3	2.8

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] ***. Hourly wages, productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information. However, in order to make certain carbon and alloy flat-rolled steel public, hours, wages, and hourly wages are treated as if business proprietary.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-5
Hot-rolled: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	69,852,373	63,814,099	69,157,058	-1.0	-8.6	8.4
Producers' share[1]	91.0	95.0	92.8	1.8	4.0	-2.3
Importers' share:[1]						
Covered sources[2]	5.3	2.9	3.2	-2.1	-2.4	0.4
Noncovered sources	3.7	2.1	4.0	0.3	-1.6	1.9
Total imports	9.0	5.0	7.2	-1.8	-4.0	2.3
U.S. consumption value:						
Amount	19,765,565	16,193,423	21,402,356	8.3	-18.1	32.2
Producers' share[1]	90.3	94.7	92.4	2.1	4.4	-2.3
Importers' share:[1]						
Covered sources[2]	5.8	3.2	3.5	-2.3	-2.6	0.4
Noncovered sources	3.9	2.1	4.1	0.2	-1.8	1.9
Total imports	9.7	5.3	7.6	-2.1	-4.4	2.3
U.S. imports from:						
Covered sources:[2]						
Quantity	3,708,787	1,839,439	2,240,618	-39.6	-50.4	21.8
Value	1,151,042	516,360	758,461	-34.1	-55.1	46.9
Unit value	$310	$281	$339	9.1	-9.6	20.6
Ending inventory *(quantity)*[3]	133,579	135,671	169,205	26.7	1.6	24.7
Noncovered sources:						
Quantity	2,578,556	1,338,168	2,760,986	7.1	-48.1	106.3
Value	769,845	341,369	868,007	12.8	-55.7	154.3
Unit value	$299	$255	$314	5.3	-14.6	23.2
Ending inventory *(quantity)*[3]	57,663	25,463	81,335	41.1	-55.8	219.4
All sources:						
Quantity	6,287,343	3,177,607	5,001,604	-20.5	-49.5	57.4
Value	1,920,886	857,729	1,626,468	-15.3	-55.3	89.6
Unit value	$306	$270	$325	6.4	-11.6	20.5
Ending inventory *(quantity)*[3]	191,242	161,134	250,540	31.0	-15.7	55.5
U.S. producers:						
Average capacity *(quantity)*	76,869,172	74,371,412	78,425,790	2.0	-3.2	5.5
Production *(quantity)*	63,673,426	60,888,386	65,354,890	2.6	-4.4	7.3
Capacity utilization[1]	82.8	81.9	83.3	0.5	-1.0	1.5
U.S. shipments:						
Quantity	63,565,030	60,636,492	64,155,454	0.9	-4.6	5.8
Value	17,844,679	15,335,694	19,775,888	10.8	-14.1	29.0
Unit value	$281	$253	$308	9.8	-9.9	21.9
Export shipments:						
Quantity	489,273	382,833	914,969	87.0	-21.8	139.0
Value	155,992	115,402	271,289	73.9	-26.0	135.1
Unit value	$319	$301	$297	-7.0	-5.5	-1.6
Ending inventory *(quantity)*	2,319,339	2,195,422	1,805,497	-22.2	-5.3	-17.8
Inventories/total shipments[1]	3.6	3.6	2.8	-0.8	0.0	-0.8

Table continued. See footnotes at end of table.

Table C-5--*Continued*
Hot-rolled: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers[4]	27,588	27,427	24,968	-9.5	-0.6	-9.0
Hours worked[4] *(1,000s)*	61,006	55,164	54,219	-11.1	-9.6	-1.7
Wages paid[4] *($1,000)*	1,577,142	1,453,680	1,476,556	-6.4	-7.8	1.6
Hourly wages[4]	$25.85	$26.35	$27.23	5.3	1.9	3.3
Productivity[4] *(tons/1,000 hours)*	***	***	***	16.5	6.4	9.5
Unit labor costs[4]	$***	$***	$***	-9.6	-4.2	-5.6
Net commercial sales:						
Quantity	22,486,258	22,891,606	24,706,971	9.9	1.8	7.9
Value	6,661,823	5,769,302	7,830,022	17.5	-13.4	35.7
Unit value	$296	$252	$317	7.0	-14.9	25.7
Cost of goods sold (COGS)	6,891,180	6,448,054	7,004,646	1.6	-6.4	8.6
Gross profit or (loss)	(229,357)	(678,752)	825,376	([5])	-195.9	([5])
SG&A expenses	443,984	394,328	448,138	0.9	-11.2	13.6
Operating income or (loss)	(673,341)	(1,073,080)	377,237	([5])	-59.4	([5])
Capital expenditures	378,371	194,307	158,076	-58.2	-48.6	-18.6
Unit COGS	$306	$282	$284	-7.5	-8.1	0.7
Unit SG&A expenses	$20	$17	$18	-8.1	-12.8	5.3
Unit operating income or (loss)	$(30)	$(47)	$15	([5])	-56.5	([5])
COGS/sales[1]	103.4	111.8	89.5	-14.0	8.3	-22.3
Operating income or (loss)/sales[1]	(10.1)	(18.6)	4.8	14.9	-8.5	23.4

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[5] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-6
Cold-rolled: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data: April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period changes: 4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	38,384,784	35,389,381	36,539,905	-4.8	-7.8	3.3
Producers' share[1]	92.5	91.6	95.3	2.8	-0.9	3.7
Importers' share:[1]						
Covered sources[2]	5.4	6.4	1.5	-3.9	1.0	-4.9
Noncovered sources	2.1	2.0	3.2	1.1	-0.1	1.2
Total imports	7.5	8.4	4.7	-2.8	0.9	-3.7
U.S. consumption value:						
Amount	15,567,222	12,875,170	14,863,744	-4.5	-17.3	15.4
Producers' share[1]	91.5	91.6	94.6	3.1	0.1	3.0
Importers' share:[1]						
Covered sources[2]	6.5	6.7	2.3	-4.2	0.2	-4.4
Noncovered sources	2.0	1.7	3.1	1.1	-0.3	1.4
Total imports	8.5	8.4	5.4	-3.1	-0.1	-3.0
U.S. imports from:						
Covered sources:[2]						
Quantity	2,079,737	2,276,229	548,229	-73.6	9.4	-75.9
Value	1,006,054	859,332	338,442	-66.4	-14.6	-60.6
Unit value	$484	$378	$617	27.6	-22.0	63.5
Ending inventory *(quantity)*[3]	213,327	167,645	166,580	-21.9	-21.4	-0.6
Noncovered sources:						
Quantity	800,566	694,073	1,156,511	44.5	-13.3	66.6
Value	310,108	221,186	460,847	48.6	-28.7	108.4
Unit value	$387	$319	$398	2.9	-17.7	25.0
Ending inventory *(quantity)*[3]	36,754	22,363	38,268	4.1	-39.2	71.1
All sources:						
Quantity	2,880,303	2,970,301	1,704,740	-40.8	3.1	-42.6
Value	1,316,163	1,080,518	799,289	-39.3	-17.9	-26.0
Unit value	$457	$364	$469	2.6	-20.4	28.9
Ending inventory *(quantity)*[3]	250,081	190,008	204,848	-18.1	-24.0	7.8
U.S. producers:						
Average capacity *(quantity)*	45,036,069	42,204,169	44,865,169	-0.4	-6.3	6.3
Production *(quantity)*	35,934,790	32,953,278	35,860,330	-0.2	-8.3	8.8
Capacity utilization[1]	79.8	78.1	79.9	0.1	-1.7	1.8
U.S. shipments:						
Quantity	35,504,481	32,419,080	34,835,165	-1.9	-8.7	7.5
Value	14,251,059	11,794,652	14,064,455	-1.3	-17.2	19.2
Unit value	$401	$364	$404	0.6	-9.4	11.0
Export shipments:						
Quantity	530,057	529,550	609,972	15.1	-0.1	15.2
Value	278,857	245,998	291,047	4.4	-11.8	18.3
Unit value	$526	$465	$477	-9.3	-11.7	2.7
Ending inventory *(quantity)*	1,878,229	1,684,954	1,611,890	-14.2	-10.3	-4.3
Inventories/total shipments[1]	5.2	5.1	4.5	-0.7	-0.1	-0.6

Table continued. See footnotes at end of table.

Table C-6--*Continued*
Cold-rolled: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers[4]	27,674	26,467	23,199	-16.2	-4.4	-12.3
Hours worked[4] *(1,000s)*	61,091	52,979	49,476	-19.0	-13.3	-6.6
Wages paid[4] *($1,000)*	1,629,793	1,453,709	1,406,946	-13.7	-10.8	-3.2
Hourly wages[4]	$26.68	$27.44	$28.44	6.6	2.9	3.6
Productivity[4] *(tons/1,000 hours)*	$***	$***	$***	23.0	5.7	16.4
Unit labor costs[4]	***	***	***	-13.4	-2.7	-11.0
Net commercial sales:						
Quantity	14,779,177	12,960,940	14,192,085	-4.0	-12.3	9.5
Value	6,395,805	4,978,896	6,143,547	-3.9	-22.2	23.4
Unit value	$433	$384	$433	0.0	-11.2	12.7
Cost of goods sold (COGS)	6,421,387	5,382,525	5,717,508	-11.0	-16.2	6.2
Gross profit or (loss)	(25,582)	(403,629)	426,040	([5])	-1,477.8	([5])
SG&A expenses	299,453	244,220	259,256	-13.4	-18.4	6.2
Operating income or (loss)	(325,035)	(647,850)	166,784	([5])	-99.3	([5])
Capital expenditures	283,354	233,275	117,586	-58.5	-17.7	-49.6
Unit COGS	$434	$415	$403	-7.3	-4.4	-3.0
Unit SG&A expenses	$20	$19	$18	-9.8	-7.0	-3.1
Unit operating income or (loss)	$(22)	$(50)	$12	([5])	-127.3	([5])
COGS/sales[1]	100.4	108.1	93.1	-7.3	7.7	-15.0
Operating income or (loss)/sales[1]	(5.1)	(13.0)	2.7	7.8	-7.9	15.7

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[5] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-7
Coated: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	21,218,984	20,729,880	22,081,665	4.1	-2.3	6.5
Producers' share[1]	89.2	89.1	87.6	-1.7	-0.1	-1.6
Importers' share:[1]						
Covered sources[2]	6.1	5.9	3.8	-2.3	-0.2	-2.1
Noncovered sources	4.7	5.0	8.6	4.0	0.3	3.6
Total imports	10.8	10.9	12.4	1.7	0.1	1.6
U.S. consumption value:						
Amount	11,363,151	10,148,654	11,831,702	4.1	-10.7	16.6
Producers' share[1]	88.8	88.8	87.0	-1.8	0.0	-1.8
Importers' share:[1]						
Covered sources[2]	6.4	6.0	4.3	-2.1	-0.4	-1.7
Noncovered sources	4.7	5.1	8.7	3.9	0.4	3.5
Total imports	11.2	11.2	13.0	1.8	0.0	1.8
U.S. imports from:						
Covered sources:[2]						
Quantity	1,289,633	1,221,049	842,857	-34.6	-5.3	-31.0
Value	732,479	610,867	511,805	-30.1	-16.6	-16.2
Unit value	$568	$500	$607	6.9	-11.9	21.4
Ending inventory *(quantity)*[3]	208,192	187,030	166,800	-19.9	-10.2	-10.8
Noncovered sources:						
Quantity	993,207	1,033,959	1,906,000	91.9	4.1	84.3
Value	539,179	521,548	1,025,723	90.2	-3.3	96.7
Unit value	$543	$504	$538	-0.9	-7.1	6.7
Ending inventory *(quantity)*[3]	42,835	48,347	72,229	68.6	12.9	49.4
All sources:						
Quantity	2,282,840	2,255,008	2,748,857	20.4	-1.2	21.9
Value	1,271,658	1,132,416	1,537,528	20.9	-11.0	35.8
Unit value	$557	$502	$559	0.4	-9.9	11.4
Ending inventory *(quantity)*[3]	251,027	235,377	239,029	-4.8	-6.2	1.6
U.S. producers:						
Average capacity *(quantity)*	25,085,424	24,625,776	25,086,790	0.0	-1.8	1.9
Production *(quantity)*	19,739,355	19,159,340	20,425,629	3.5	-2.9	6.6
Capacity utilization[1]	78.7	77.8	81.4	2.7	-0.9	3.6
U.S. shipments:						
Quantity	18,936,144	18,474,872	19,332,808	2.1	-2.4	4.6
Value	10,091,493	9,016,238	10,294,174	2.0	-10.7	14.2
Unit value	$533	$488	$532	-0.1	-8.4	9.1
Export shipments:						
Quantity	785,038	771,022	753,597	-4.0	-1.8	-2.3
Value	500,348	485,098	470,841	-5.9	-3.0	-2.9
Unit value	$637	$629	$625	-2.0	-1.3	-0.7
Ending inventory *(quantity)*	1,888,019	1,840,569	1,987,490	5.3	-2.5	8.0
Inventories/total shipments[1]	9.6	9.6	9.9	0.3	0.0	0.3

Table continued. See footnotes at end of table.

Table C-7--*Continued*
Coated: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers[4]	23,605	23,765	20,065	-15.0	0.7	-15.6
Hours worked[4] *(1,000s)*	***	***	***	-20.3	-11.8	-9.6
Wages paid[4] *($1,000)*	***	***	***	-13.0	-8.4	-5.0
Hourly wages[4]	$***	$***	$***	9.2	3.8	5.1
Productivity[4] *(tons/1,000 hours)*	$***	$***	$***	27.8	9.2	17.1
Unit labor costs[4]	***	***	***	-14.6	-4.9	-10.2
Net commercial sales:						
Quantity	19,073,022	18,499,279	19,387,230	1.6	-3.0	4.8
Value	10,278,383	9,196,838	10,456,456	1.7	-10.5	13.7
Unit value	$539	$497	$539	0.1	-7.7	8.5
Cost of goods sold (COGS)	9,885,969	9,170,206	9,555,069	-3.3	-7.2	4.2
Gross profit or (loss)	392,414	26,632	901,387	129.7	-93.2	3,284.7
SG&A expenses	492,425	465,947	463,759	-5.8	-5.4	-0.5
Operating income or (loss)	(100,011)	(439,316)	437,628	([5])	-339.3	([5])
Capital expenditures	297,776	176,368	193,627	-35.0	-40.8	9.8
Unit COGS	$518	$496	$493	-4.9	-4.4	-0.6
Unit SG&A expenses	$26	$25	$24	-7.3	-2.4	-5.0
Unit operating income or (loss)	$(5)	$(24)	$23	([5])	-352.9	([5])
COGS/sales[1]	96.2	99.7	91.4	-4.8	3.5	-8.3
Operating income or (loss)/sales[1]	(1.0)	(4.8)	4.2	5.2	-3.8	9.0

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs and flat products (other than tin).
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information. However, in order to make certain carbon and alloy flat-rolled steel public, hours, wages, and hourly wages are treated as if business proprietary.
[5] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

CARBON AND ALLOY LONG STEEL

Table C-8
Hot bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	10,783,208	9,772,803	10,044,818	-6.8	-9.4	2.8
Producers' share[1]	78.6	79.6	81.0	2.4	1.0	1.4
Importers' share:[1]						
Covered sources	7.2	7.2	4.8	-2.4	0.0	-2.5
Noncovered sources	14.2	13.1	14.2	0.0	-1.1	1.1
Total imports	21.4	20.4	19.0	-2.4	-1.0	-1.4
U.S. consumption value:						
Amount	4,441,068	3,824,998	4,005,642	-9.8	-13.9	4.7
Producers' share[1]	77.4	77.9	79.2	1.7	0.5	1.3
Importers' share:[1]						
Covered sources	9.1	9.7	6.6	-2.5	0.5	-3.0
Noncovered sources	13.4	12.4	14.2	0.8	-1.0	1.8
Total imports	22.6	22.1	20.8	-1.7	-0.5	-1.3
U.S. imports from:						
Covered sources:						
Quantity	777,921	708,271	480,517	-38.2	-9.0	-32.2
Value	406,022	370,519	266,106	-34.5	-8.7	-28.2
Unit value	$522	$523	$554	6.1	0.2	5.9
Ending inventory *(quantity)*[2]	44,690	37,480	36,190	-19.0	-16.1	-3.4
Noncovered sources:						
Quantity	1,527,754	1,281,609	1,426,887	-6.6	-16.1	11.3
Value	596,887	475,949	568,919	-4.7	-20.3	19.5
Unit value	$391	$371	$399	2.1	-4.9	7.4
Ending inventory *(quantity)*[2]	53,379	63,588	89,457	67.6	19.1	40.7
All sources:						
Quantity	2,305,675	1,989,880	1,907,404	-17.3	-13.7	-4.1
Value	1,002,909	846,468	835,025	-16.7	-15.6	-1.4
Unit value	$435	$425	$438	0.6	-2.2	2.9
Ending inventory *(quantity)*[2]	98,069	101,068	125,647	28.1	3.1	24.3
U.S. producers:						
Average capacity *(quantity)*	11,332,255	11,132,284	11,512,310	1.6	-1.8	3.4
Production *(quantity)*	8,729,681	7,967,962	8,322,046	-4.7	-8.7	4.4
Capacity utilization[1]	77.0	71.6	72.3	-4.7	-5.5	0.7
U.S. shipments:						
Quantity	8,477,533	7,782,923	8,137,414	-4.0	-8.2	4.6
Value	3,438,159	2,978,530	3,170,617	-7.8	-13.4	6.4
Unit value	$406	$383	$390	-3.9	-5.6	1.8
Export shipments:						
Quantity	329,826	295,345	324,392	-1.6	-10.5	9.8
Value	128,014	115,160	132,697	3.7	-10.0	15.2
Unit value	$388	$390	$409	5.4	0.5	4.9
Ending inventory *(quantity)*	1,140,231	1,023,422	881,743	-22.7	-10.2	-13.8
Inventories/total shipments[1]	12.9	12.7	10.4	-2.5	-0.3	-2.2

Table continued. See footnotes at end of table.

Table C-8--*Continued*
Hot bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers[3]	8,701	8,037	7,862	-9.6	-7.6	-2.2
Hours worked[3] *(1,000s)*	17,833	15,803	15,662	-12.2	-11.4	-0.9
Wages paid[3] *($1,000)*	463,527	410,299	410,851	-11.4	-11.5	0.1
Hourly wages[3]	$25.99	$25.96	$26.23	0.9	-0.1	1.0
Productivity[3] *(tons/1,000 hours)*	***	***	***	8.5	3.0	5.4
Unit labor costs	$***	$***	$***	-7.0	-3.0	-4.1
Net commercial sales:						
Quantity	6,884,052	6,203,548	6,553,814	-4.8	-9.9	5.6
Value	2,814,098	2,381,838	2,562,683	-8.9	-15.4	7.6
Unit value	$409	$384	$391	-4.3	-6.1	1.8
Cost of goods sold (COGS)	2,525,138	2,195,090	2,335,869	-7.5	-13.1	6.4
Gross profit or (loss)	288,960	186,749	226,814	-21.5	-35.4	21.5
SG&A expenses	166,357	147,681	149,302	-10.3	-11.2	1.1
Operating income or (loss)	122,604	39,068	77,512	-36.8	-68.1	98.4
Capital expenditures	82,700	55,005	97,337	17.7	-33.5	77.0
Unit COGS	$367	$354	$356	-2.8	-3.5	0.7
Unit SG&A expenses	$24	$24	$23	-5.7	-1.5	-4.3
Unit operating income or (loss)	$18	$6	$12	-33.6	-64.6	87.8
COGS/sales[1]	89.7	92.2	91.1	1.4	2.4	-1.0
Operating income or (loss)/sales[1]	4.4	1.6	3.0	-1.3	-2.7	1.4

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Inventories of U.S. imports are based on responses to Commission questionnaires.
[3] *** did not provide employment data. Productivity and unit labor costs are calculated using data of firms providing both numerator and denominator information.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-9
Cold bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	1,989,711	1,694,932	1,715,654	-13.8	-14.8	1.2
Producers' share[1]	85.0	84.3	87.8	2.8	-0.7	3.5
Importers' share:[1]						
Covered sources	10.9	10.7	5.8	-5.1	-0.2	-4.9
Noncovered sources	4.1	5.0	6.4	2.3	0.9	1.4
Total imports	15.0	15.7	12.2	-2.8	0.7	-3.5
U.S. consumption value:						
Amount	1,425,432	1,181,339	1,203,058	-15.6	-17.1	1.8
Producers' share[1]	83.7	82.8	86.4	2.7	-0.9	3.6
Importers' share:[1]						
Covered sources	11.7	11.7	6.7	-5.0	0.0	-5.0
Noncovered sources	4.6	5.5	6.8	2.3	0.9	1.4
Total imports	16.3	17.2	13.6	-2.7	0.9	-3.6
U.S. imports from:						
Covered sources:						
Quantity	217,227	181,738	99,304	-54.3	-16.3	-45.4
Value	167,241	138,502	81,146	-51.5	-17.2	-41.4
Unit value	$770	$762	$817	6.1	-1.0	7.2
Ending inventory *(quantity)*[2]	13,911	24,024	19,183	37.9	72.7	-20.2
Noncovered sources:						
Quantity	81,266	84,685	110,302	35.7	4.2	30.3
Value	65,168	64,407	82,377	26.4	-1.2	27.9
Unit value	$802	$761	$747	-6.9	-5.2	-1.8
Ending inventory *(quantity)*[2]	646	581	568	-12.0	-10.0	-2.2
All sources:						
Quantity	298,493	266,423	209,607	-29.8	-10.7	-21.3
Value	232,409	202,908	163,523	-29.6	-12.7	-19.4
Unit value	$779	$762	$780	0.2	-2.2	2.4
Ending inventory *(quantity)*[2]	14,557	24,605	19,751	35.7	69.0	-19.7
U.S. producers:						
Average capacity *(quantity)*	2,542,755	2,546,230	2,731,288	7.4	0.1	7.3
Production *(quantity)*	1,707,553	1,388,878	1,505,558	-11.8	-18.7	8.4
Capacity utilization[1]	67.2	54.5	55.1	-12.0	-12.6	0.6
U.S. shipments:						
Quantity	1,691,219	1,428,510	1,506,047	-10.9	-15.5	5.4
Value	1,193,022	978,430	1,039,535	-12.9	-18.0	6.2
Unit value	$705	$685	$690	-2.2	-2.9	0.8
Export shipments:						
Quantity	19,907	15,313	16,781	-15.7	-23.1	9.6
Value	14,200	10,444	11,271	-20.6	-26.5	7.9
Unit value	$713	$682	$672	-5.8	-4.4	-1.5
Ending inventory *(quantity)*	332,232	274,705	286,962	-13.6	-17.3	4.5
Inventories/total shipments[1]	19.4	19.0	18.8	-0.6	-0.4	-0.2

Table continued. See footnotes at end of table.

Table C-9--*Continued*
Cold bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			Period changes		
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers[3]	2,373	2,114	1,882	-20.7	-10.9	-11.0
Hours worked[3] *(1,000s)*	5,221	4,430	4,090	-21.7	-15.1	-7.7
Wages paid[3] *($1,000)*	84,038	70,994	68,802	-18.1	-15.5	-3.1
Hourly wages[3]	$16.10	$16.02	$16.82	4.5	-0.5	5.0
Productivity[3] *(tons/1,000 hours)*	***	***	***	12.5	-4.2	17.4
Unit labor costs	$***	$***	$***	-7.1	3.9	-10.6
Net commercial sales:						
Quantity	929,831	746,519	737,133	-20.7	-19.7	-1.3
Value	623,405	482,049	478,072	-23.3	-22.7	-0.8
Unit value	$670	$646	$649	-3.3	-3.7	0.4
Cost of goods sold (COGS)	565,860	449,121	438,050	-22.6	-20.6	-2.5
Gross profit or (loss)	57,545	32,928	40,023	-30.5	-42.8	21.5
SG&A expenses	42,037	34,807	32,878	-21.8	-17.2	-5.5
Operating income or (loss)	15,508	(1,878)	7,145	-54.0	([4])	([4])
Capital expenditures	13,771	24,033	10,091	-26.7	74.5	-58.0
Unit COGS	$609	$602	$594	-2.4	-1.1	-1.2
Unit SG&A expenses	$45	$47	$45	-1.3	3.1	-4.3
Unit operating income or (loss)	$17	$(3)	$10	-41.9	([4])	([4])
COGS/sales[1]	90.8	93.2	91.6	0.9	2.4	-1.5
Operating income or (loss)/sales[1]	2.5	(0.4)	1.5	-1.0	-2.9	1.9

[1] “Reported data” are in percent and “period changes” are in percentage points.
[2] Inventories of U.S. imports are based on responses to Commission questionnaires.
[3] ***. Productivity and unit labor costs are calculated using data of firms providing both numerator and denominator information.
[4] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-10
Rebar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			Period changes		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	7,517,055	8,245,062	7,697,542	2.4	9.7	-6.6
Producers' share[1]	79.3	77.5	86.6	7.2	-1.8	9.0
Importers' share:[1]						
Covered sources[2]	15.9	16.6	4.0	-11.9	0.7	-12.6
Noncovered sources	4.8	5.9	9.5	4.7	1.1	3.6
Total imports	20.7	22.5	13.4	-7.2	1.8	-9.0
U.S. consumption value:						
Amount	1,952,776	2,093,845	1,972,862	1.0	7.2	-5.8
Producers' share[1]	82.1	80.7	87.6	5.5	-1.5	6.9
Importers' share:[1]						
Covered sources[2]	13.6	14.0	3.7	-9.9	0.4	-10.4
Noncovered sources	4.3	5.3	8.8	4.5	1.0	3.4
Total imports	17.9	19.3	12.4	-5.5	1.5	-6.9
U.S. imports from:						
Covered sources:[2]						
Quantity	1,192,597	1,367,171	304,938	-74.4	14.6	-77.7
Value	264,805	293,263	72,087	-72.8	10.7	-75.4
Unit value	$222	$215	$236	6.5	-3.4	10.2
Ending inventory *(quantity)*[3]	0	1,340	0	0.0	([4])	-100.0
Noncovered sources:						
Quantity	361,375	484,694	729,313	101.8	34.1	50.5
Value	83,921	111,305	172,643	105.7	32.6	55.1
Unit value	$232	$230	$237	1.9	-1.1	3.1
Ending inventory *(quantity)*[3]	671	1,615	3,676	447.8	140.7	127.6
All sources:						
Quantity	1,553,972	1,851,865	1,034,251	-33.4	19.2	-44.2
Value	348,726	404,568	244,730	-29.8	16.0	-39.5
Unit value	$224	$218	$237	5.4	-2.6	8.3
Ending inventory *(quantity)*[3]	671	2,955	3,676	447.8	340.4	24.4
U.S. producers:						
Average capacity *(quantity)*	8,034,167	8,011,725	8,053,328	0.2	-0.3	0.5
Production *(quantity)*	6,076,360	6,360,706	6,651,831	9.5	4.7	4.6
Capacity utilization[1]	75.6	79.4	82.6	7.0	3.8	3.2
U.S. shipments:						
Quantity	5,963,083	6,393,196	6,663,292	11.7	7.2	4.2
Value	1,604,050	1,689,277	1,728,132	7.7	5.3	2.3
Unit value	$269	$264	$259	-3.6	-1.8	-1.8
Export shipments:						
Quantity	156,267	107,001	206,036	31.8	-31.5	92.6
Value	39,406	26,957	50,207	27.4	-31.6	86.2
Unit value	$252	$252	$244	-3.4	-0.1	-3.3
Ending inventory *(quantity)*	660,058	632,503	508,353	-23.0	-4.2	-19.6
Inventories/total shipments[1]	10.8	9.7	7.4	-3.4	-1.1	-2.3

Table continued. See footnotes at end of table.

Table C-10--*Continued*
Rebar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers	3,672	3,736	3,636	-1.0	1.8	-2.7
Hours worked *(1,000s)*	7,919	8,021	7,937	0.2	1.3	-1.0
Wages paid *($1,000)*	191,534	206,937	212,950	11.2	8.0	2.9
Hourly wages	$24.19	$25.80	$26.83	10.9	6.7	4.0
Productivity *(tons/1,000 hours)*	767.3	793.0	838.1	9.2	3.4	5.7
Unit labor costs	$31.52	$32.53	$32.01	1.6	3.2	-1.6
Net commercial sales:						
Quantity	4,981,806	5,264,120	5,646,092	13.3	5.7	7.3
Value	1,346,644	1,397,034	1,466,120	8.9	3.7	4.9
Unit value	$270	$265	$260	-3.9	-1.8	-2.2
Cost of goods sold (COGS)	1,208,510	1,248,056	1,392,800	15.2	3.3	11.6
Gross profit or (loss)	138,134	148,979	73,320	-46.9	7.9	-50.8
SG&A expenses	95,578	95,318	82,870	-13.3	-0.3	-13.1
Operating income or (loss)	42,555	53,660	(9,550)	([4])	26.1	([4])
Capital expenditures	44,923	27,013	34,952	-22.2	-39.9	29.4
Unit COGS	$243	$237	$247	1.7	-2.3	4.0
Unit SG&A expenses	$19	$18	$15	-23.5	-5.6	-18.9
Unit operating income or (loss)	$9	$10	$(2)	([4])	19.3	([4])
COGS/sales[1]	89.7	89.3	95.0	5.3	-0.4	5.7
Operating income or (loss)/sales[1]	3.2	3.8	(0.7)	-3.8	0.7	-4.5

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Moldova, Turkey, and Venezuela are generally excluded from the section 203 relief, they are covered sources with respect to imports of rebar.
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

CARBON AND ALLOY TUBULAR STEEL

Table C-11
Welded: Summary data concerning the U.S. market, April 2000-March 2003

Item	Reported data			Period changes		
Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	6,429,098	7,005,045	6,268,926	-2.5	9.0	-10.5
Producers' share[1]	61.1	57.3	62.9	1.7	-3.8	5.5
Importers' share:[1]						
Covered sources[2]	18.3	22.6	12.9	-5.4	4.3	-9.7
Noncovered sources	20.5	20.1	24.2	3.7	-0.5	4.2
Total imports	38.9	42.7	37.1	-1.7	3.8	-5.5
U.S. consumption value:						
Amount	3,636,865	3,710,900	3,633,452	-0.1	2.0	-2.1
Producers' share[1]	64.8	59.9	64.4	-0.4	-5.0	4.5
Importers' share:[1]						
Covered sources[2]	16.1	21.2	13.2	-2.9	5.1	-8.0
Noncovered sources	19.1	18.9	22.4	3.3	-0.2	3.5
Total imports	35.2	40.1	35.6	0.4	5.0	-4.5
U.S. imports from:						
Covered sources:[2]						
Quantity	1,179,493	1,583,353	809,695	-31.4	34.2	-48.9
Value	584,967	786,623	479,506	-18.0	34.5	-39.0
Unit value	$496	$497	$592	19.4	0.2	19.2
Ending inventory *(quantity)*[3]	4,772	6,767	4,425	-7.3	41.8	-34.6
Noncovered sources:						
Quantity	1,319,276	1,404,878	1,517,800	15.0	6.5	8.0
Value	694,895	702,976	814,395	17.2	1.2	15.9
Unit value	$527	$500	$537	1.9	-5.0	7.2
Ending inventory *(quantity)*[3]	5,958	6,747	6,017	1.0	13.2	-10.8
All sources:						
Quantity	2,498,768	2,988,231	2,327,495	-6.9	19.6	-22.1
Value	1,279,862	1,489,600	1,293,901	1.1	16.4	-13.1
Unit value	$512	$498	$556	8.5	-2.7	11.5
Ending inventory *(quantity)*[3]	10,730	13,514	10,442	-2.7	26.0	-22.7
U.S. producers:						
Average capacity *(quantity)*	7,519,521	7,441,796	7,744,735	3.0	-1.0	4.1
Production *(quantity)*	4,135,729	4,074,940	4,097,957	-0.9	-1.5	0.6
Capacity utilization[1]	55.0	54.8	52.9	-2.1	-0.2	-1.8
U.S. shipments:						
Quantity	3,930,330	4,016,814	3,941,431	0.3	2.2	-1.9
Value	2,357,002	2,221,300	2,339,552	-0.7	-5.8	5.3
Unit value	$600	$553	$594	-1.0	-7.8	7.3
Export shipments:						
Quantity	170,561	137,065	138,700	-18.7	-19.6	1.2
Value	113,433	87,109	89,527	-21.1	-23.2	2.8
Unit value	$665	$636	$645	-2.9	-4.4	1.6
Ending inventory *(quantity)*	604,431	546,480	584,311	-3.3	-9.6	6.9
Inventories/total shipments[1]	14.7	13.2	14.3	-0.4	-1.6	1.2

Table continued. See footnotes at end of table.

Table C-11--*Continued*
Welded: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers	5,980	5,734	6,014	0.6	-4.1	4.9
Hours worked *(1,000s)*	12,050	11,552	11,888	-1.3	-4.1	2.9
Wages paid *($1,000)*	230,020	226,295	250,990	9.1	-1.6	10.9
Hourly wages	$19.09	$19.59	$21.11	10.6	2.6	7.8
Productivity *(tons/1,000 hours)*	343.2	352.8	344.7	0.4	2.8	-2.3
Unit labor costs	$55.62	$55.53	$61.25	10.1	-0.2	10.3
Net commercial sales:						
Quantity	4,009,903	4,045,134	3,977,774	-0.8	0.9	-1.7
Value	2,414,275	2,246,516	2,381,308	-1.4	-6.9	6.0
Unit value	$602	$555	$599	-0.6	-7.8	7.8
Cost of goods sold (COGS)	2,079,771	1,930,635	2,099,695	1.0	-7.2	8.8
Gross profit or (loss)	334,504	315,881	281,613	-15.8	-5.6	-10.8
SG&A expenses	196,713	194,819	203,538	3.5	-1.0	4.5
Operating income or (loss)	137,791	121,062	78,075	-43.3	-12.1	-35.5
Capital expenditures	79,884	61,399	83,790	4.9	-23.1	36.5
Unit COGS	$519	$477	$528	1.8	-8.0	10.6
Unit SG&A expenses	$49	$48	$51	4.3	-1.8	6.2
Unit operating income or (loss)	$34	$30	$20	-42.9	-12.9	-34.4
COGS/sales[1]	86.1	85.9	88.2	2.0	-0.2	2.2
Operating income or (loss)/sales[1]	5.7	5.4	3.3	-2.4	-0.3	-2.1

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Although Thailand is generally exempt from the section 203 relief, it is a covered source with respect to imports of welded.
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-12
Fittings: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	281,584	270,354	218,206	-22.5	-4.0	-19.3
Producers' share[1]	47.6	36.4	39.9	-7.6	-11.1	3.5
Importers' share:[1]						
Covered sources[2]	38.9	50.4	45.6	6.7	11.4	-4.7
Noncovered sources	13.5	13.2	14.5	0.9	-0.3	1.2
Total imports	52.4	63.6	60.1	7.6	11.1	-3.5
U.S. consumption value:						
Amount	514,315	522,959	445,364	-13.4	1.7	-14.8
Producers' share[1]	36.3	32.8	36.0	-0.3	-3.4	3.1
Importers' share:[1]						
Covered sources[2]	41.1	45.8	43.6	2.4	4.7	-2.2
Noncovered sources	22.6	21.3	20.4	-2.2	-1.3	-0.9
Total imports	63.7	67.2	64.0	0.3	3.4	-3.1
U.S. imports from:						
Covered sources:[2]						
Quantity	109,629	136,164	99,573	-9.2	24.2	-26.9
Value	211,615	239,696	194,125	-8.3	13.3	-19.0
Unit value	$1,930	$1,760	$1,950	1.0	-8.8	10.8
Ending inventory *(quantity)*[3]	4,398	8,819	8,663	97.0	100.5	-1.8
Noncovered sources:						
Quantity	38,040	35,759	31,549	-17.1	-6.0	-11.8
Value	116,097	111,483	90,950	-21.7	-4.0	-18.4
Unit value	$3,052	$3,118	$2,883	-5.5	2.2	-7.5
Ending inventory *(quantity)*[3]	1,495	1,793	1,838	22.9	19.9	2.5
All sources:						
Quantity	147,669	171,923	131,121	-11.2	16.4	-23.7
Value	327,712	351,178	285,075	-13.0	7.2	-18.8
Unit value	$2,219	$2,043	$2,174	-2.0	-8.0	6.4
Ending inventory *(quantity)*[3]	5,893	10,612	10,501	78.2	80.1	-1.0
U.S. producers:						
Average capacity *(quantity)*	186,531	183,345	162,978	-12.6	-1.7	-11.1
Production *(quantity)*	134,192	99,037	91,029	-32.2	-26.2	-8.1
Capacity utilization[1]	71.9	54.0	55.9	-16.1	-17.9	1.8
U.S. shipments:						
Quantity	133,915	98,431	87,085	-35.0	-26.5	-11.5
Value	186,603	171,781	160,289	-14.1	-7.9	-6.7
Unit value	$1,393	$1,745	$1,841	32.1	25.2	5.5
Export shipments:						
Quantity	6,212	4,248	3,991	-35.7	-31.6	-6.1
Value	8,648	6,819	6,739	-22.1	-21.1	-1.2
Unit value	$1,392	$1,605	$1,689	21.3	15.3	5.2
Ending inventory *(quantity)*	42,958	38,924	37,990	-11.6	-9.4	-2.4
Inventories/total shipments[1]	30.7	37.9	41.7	11.1	7.3	3.8

Table continued. See footnotes at end of table.

Table C-12--*Continued*
Fittings: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	4/00-3/01-4/02-3/03	4/00-3/01-4/01-3/02	4/01-3/02-4/02-3/03
U.S. producers:–*Continued*						
Production workers[4]	1,523	1,410	1,272	-16.5	-7.4	-9.8
Hours worked[4] *(1,000s)*	3,065	2,835	2,575	-16.0	-7.5	-9.2
Wages paid[4] *($1,000)*	44,005	41,442	38,875	-11.7	-5.8	-6.2
Hourly wages[4]	$14.36	$14.62	$15.10	5.2	1.8	3.3
Productivity[4] *(tons/1,000 hours)*	***	***	***	-19.3	-20.2	1.2
Unit labor costs[4]	$***	$***	$***	30.2	27.6	2.1
Net commercial sales:						
Quantity	***	***	***	-40.8	-30.9	-14.2
Value	***	***	***	-19.4	-11.5	-9.0
Unit value	$***	$***	$***	36.0	28.2	6.1
Cost of goods sold (COGS)	***	***	***	-29.8	-22.6	-9.2
Gross profit or (loss)	***	***	***	105.5	123.4	-8.0
SG&A expenses	***	***	***	-0.9	0.3	-1.2
Operating income or (loss)	***	***	***	([5])	([5])	-22.3
Capital expenditures	***	***	***	-22.5	5.8	-26.8
Unit COGS	$***	$***	$***	18.5	12.0	5.8
Unit SG&A expenses	$***	$***	$***	67.3	45.2	15.2
Unit operating income or (loss)	$***	$***	$***	([5])	([5])	-9.4
COGS/sales[1]	***	***	***	-11.9	-11.7	-0.2
Operating income or (loss)/sales[1]	***	***	***	9.2	10.1	-0.9

[1] “Reported data” are in percent and “period changes” are in percentage points.
[2] Although India, Romania, and Turkey are generally exempt from the section 203 relief, they are covered sources with respect to imports of fittings.
[3] Inventories of U.S. imports are based on responses to Commission questionnaires.
[4] ***. Hourly wages, productivity, and unit labor costs are calculated using data of firms providing both numerator and denominator information.
[5] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

STAINLESS STEEL

Table C-13
Stainless bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data: April 2000-March 2001	Reported data: April 2001-March 2002	Reported data: April 2002-March 2003	Period changes: 4/00-3/01-4/02-3/03	Period changes: 4/00-3/01-4/01-3/02	Period changes: 4/01-3/02-4/02-3/03
U.S. consumption quantity:						
Amount	306,921	254,107	238,103	-22.4	-17.2	-6.3
Producers' share[1]	53.2	57.3	58.1	5.0	4.1	0.9
Importers' share:[1]						
Covered sources	38.4	32.6	26.8	-11.7	-5.9	-5.8
Noncovered sources	8.4	10.2	15.1	6.7	1.8	4.9
Total imports	46.8	42.7	41.9	-5.0	-4.1	-0.9
U.S. consumption value:						
Amount	896,689	739,070	635,178	-29.2	-17.6	-14.1
Producers' share[1]	62.3	64.7	64.6	2.3	2.4	-0.2
Importers' share:[1]						
Covered sources	31.6	27.6	23.7	-7.9	-4.0	-3.9
Noncovered sources	6.1	7.7	11.7	5.6	1.6	4.0
Total imports	37.7	35.3	35.4	-2.3	-2.4	0.2
U.S. imports from:						
Covered sources:						
Quantity	117,977	82,798	63,739	-46.0	-29.8	-23.0
Value	283,441	203,861	150,682	-46.8	-28.1	-26.1
Unit value	$2,403	$2,462	$2,364	-1.6	2.5	-4.0
Ending inventory *(quantity)*[2]	10,438	9,487	9,410	-9.8	-9.1	-0.8
Noncovered sources:						
Quantity	25,796	25,829	35,975	39.5	0.1	39.3
Value	54,716	56,836	74,331	35.8	3.9	30.8
Unit value	$2,121	$2,201	$2,066	-2.6	3.7	-6.1
Ending inventory *(quantity)*[2]	2,041	2,216	2,048	0.3	8.6	-7.6
All sources:						
Quantity	143,772	108,627	99,714	-30.6	-24.4	-8.2
Value	338,157	260,697	225,013	-33.5	-22.9	-13.7
Unit value	$2,352	$2,400	$2,257	-4.1	2.0	-6.0
Ending inventory *(quantity)*[2]	12,479	11,703	11,458	-8.2	-6.2	-2.1
U.S. producers:						
Average capacity *(quantity)*	230,052	232,799	235,445	2.3	1.2	1.1
Production *(quantity)*	167,316	146,532	142,686	-14.7	-12.4	-2.6
Capacity utilization[1]	72.7	62.9	60.6	-12.1	-9.8	-2.3
U.S. shipments:						
Quantity	163,149	145,480	138,389	-15.2	-10.8	-4.9
Value	558,532	478,373	410,165	-26.6	-14.4	-14.3
Unit value	$3,423	$3,288	$2,964	-13.4	-3.9	-9.9
Export shipments:						
Quantity	6,545	5,300	6,070	-7.3	-19.0	14.5
Value	27,376	23,048	24,487	-10.6	-15.8	6.2
Unit value	$4,183	$4,349	$4,034	-3.6	4.0	-7.2
Ending inventory *(quantity)*	23,237	18,989	17,215	-25.9	-18.3	-9.3
Inventories/total shipments[1]	13.7	12.6	11.9	-1.8	-1.1	-0.7

Table continued. See footnotes at end of table.

Table C-13--*Continued*
Stainless bar: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers[3]	1,833	1,538	1,252	-31.7	-16.1	-18.6
Hours worked[3] *(1,000s)*	3,871	3,007	2,370	-38.8	-22.3	-21.2
Wages paid[3] *($1,000)*	91,729	67,319	53,406	-41.8	-26.6	-20.7
Hourly wages[3]	$23.66	$22.27	$22.27	-5.9	-5.8	0.0
Productivity[3] *(tons/1,000 hours)*	***	***	***	33.3	8.4	23.0
Unit labor costs[3]	$***	$***	$***	-32.0	-14.3	-20.6
Net commercial sales:						
Quantity	166,891	148,406	142,580	-14.6	-11.1	-3.9
Value	577,077	493,821	428,903	-25.7	-14.4	-13.1
Unit value	$3,458	$3,328	$3,008	-13.0	-3.8	-9.6
Cost of goods sold (COGS)	520,011	472,280	427,267	-17.8	-9.2	-9.5
Gross profit or (loss)	57,066	21,541	1,636	-97.1	-62.3	-92.4
SG&A expenses	36,195	38,242	35,332	-2.4	5.7	-7.6
Operating income or (loss)	20,871	(16,701)	(33,696)	([4])	([4])	-101.8
Capital expenditures	34,007	16,381	9,042	-73.4	-51.8	-44.8
Unit COGS	$3,116	$3,182	$2,997	-3.8	2.1	-5.8
Unit SG&A expenses	$217	$258	$248	14.3	18.8	-3.8
Unit operating income or (loss)	$125	$(113)	$(236)	([4])	([4])	-110.0
COGS/sales[1]	90.1	95.6	99.6	9.5	5.5	4.0
Operating income or (loss)/sales[1]	3.6	(3.4)	(7.9)	-11.5	-7.0	-4.5

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Inventories of U.S. imports are based on responses to Commission questionnaires.
[3] ***. Hourly wages, productivity, and unit labor costs are calculated using data of firms providing both numerator and denominator information.
[4] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table C-14
Stainless rod: Summary data concerning the U.S. market, April 2000-March 2003

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Table C-15
Stainless wire: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted						
	Reported data			**Period changes**		
Item	**April 2000-March 2001**	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. consumption quantity:						
Amount	76,162	66,751	71,969	-5.5	-12.4	7.8
Producers' share[1]	58.1	53.1	53.8	-4.3	-4.9	0.7
Importers' share:[1]						
Covered sources	36.7	40.1	34.8	-1.9	3.4	-5.3
Noncovered sources	5.3	6.8	11.4	6.2	1.5	4.7
Total imports	41.9	46.9	46.2	4.3	4.9	-0.7
U.S. consumption value:						
Amount	309,339	248,534	255,456	-17.4	-19.7	2.8
Producers' share[1]	61.7	59.6	60.4	-1.2	-2.1	0.8
Importers' share:[1]						
Covered sources	35.3	36.9	33.7	-1.7	1.6	-3.2
Noncovered sources	3.0	3.5	5.9	2.9	0.5	2.4
Total imports	38.3	40.4	39.6	1.2	2.1	-0.8
U.S. imports from:						
Covered sources:						
Quantity	27,935	26,759	25,014	-10.5	-4.2	-6.5
Value	109,328	91,702	85,986	-21.4	-16.1	-6.2
Unit value	$3,914	$3,427	$3,437	-12.2	-12.4	0.3
Ending inventory *(quantity)*[2]	1,409	1,252	833	-40.9	-11.1	-33.5
Noncovered sources:						
Quantity	4,012	4,535	8,236	105.3	13.0	81.6
Value	9,298	8,721	15,105	62.4	-6.2	73.2
Unit value	$2,318	$1,923	$1,834	-20.9	-17.0	-4.6
Ending inventory *(quantity)*[2]	485	1,892	1,600	229.9	290.1	-15.4
All sources:						
Quantity	31,947	31,295	33,251	4.1	-2.0	6.3
Value	118,626	100,423	101,091	-14.8	-15.3	0.7
Unit value	$3,713	$3,209	$3,040	-18.1	-13.6	-5.3
Ending inventory *(quantity)*[2]	1,894	3,144	2,433	28.5	66.0	-22.6
U.S. producers:						
Average capacity *(quantity)*	72,749	73,686	75,996	4.5	1.3	3.1
Production *(quantity)*	45,446	34,079	39,175	-13.8	-25.0	15.0
Capacity utilization[1]	62.5	46.2	51.5	-10.9	-16.2	5.3
U.S. shipments:						
Quantity	44,215	35,456	38,718	-12.4	-19.8	9.2
Value	190,713	148,111	154,365	-19.1	-22.3	4.2
Unit value	$4,313	$4,177	$3,987	-7.6	-3.2	-4.6
Export shipments:						
Quantity	892	626	685	-23.2	-29.8	9.4
Value	4,537	3,388	3,518	-22.5	-25.3	3.8
Unit value	$5,086	$5,412	$5,136	1.0	6.4	-5.1
Ending inventory *(quantity)*	8,751	6,480	6,641	-24.1	-25.9	2.5
Inventories/total shipments[1]	19.4	18.0	16.9	-2.5	-1.4	-1.1

Table continued. See footnotes at end of table.

Table C-15--*Continued*
Stainless wire: Summary data concerning the U.S. market, April 2000-March 2003

Quantity=*short tons*; value=*$1,000*; unit values, unit labor costs, and unit expenses are *per short ton*; period changes=percent, except where noted

Item	Reported data			Period changes		
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**4/00-3/01-4/02-3/03**	**4/00-3/01-4/01-3/02**	**4/01-3/02-4/02-3/03**
U.S. producers:–*Continued*						
Production workers[3]	769	630	578	-24.8	-18.1	-8.3
Hours worked[3] *(1,000s)*	1,552	1,261	1,134	-27.0	-18.8	-10.1
Wages paid[3] *($1,000)*	25,004	19,572	18,608	-25.6	-21.7	-4.9
Hourly wages[3]	$16.11	$15.53	$16.41	1.9	-3.6	5.7
Productivity[3] *(tons/1,000 hours)*	***	***	***	16.0	-7.7	25.6
Unit labor costs[3]	$***	$***	$***	-12.1	4.4	-15.8
Net commercial sales:						
Quantity	44,283	35,221	38,375	-13.3	-20.5	9.0
Value	189,810	146,419	152,025	-19.9	-22.9	3.8
Unit value	$4,286	$4,157	$3,962	-7.6	-3.0	-4.7
Cost of goods sold (COGS)	161,847	136,154	140,786	-13.0	-15.9	3.4
Gross profit or (loss)	27,963	10,265	11,240	-59.8	-63.3	9.5
SG&A expenses	21,138	18,306	17,781	-15.9	-13.4	-2.9
Operating income or (loss)	6,825	(8,040)	(6,541)	([4])	([4])	18.6
Capital expenditures	8,823	7,154	2,646	-70.0	-18.9	-63.0
Unit COGS	$3,655	$3,866	$3,669	0.4	5.8	-5.1
Unit SG&A expenses	$477	$520	$463	-2.9	8.9	-10.9
Unit operating income or (loss)	$154	$(228)	$(170)	([4])	([4])	25.3
COGS/sales[1]	85.3	93.0	92.6	7.3	7.7	-0.4
Operating income or (loss)/sales[1]	3.6	(5.5)	(4.3)	-7.9	-9.1	1.2

[1] "Reported data" are in percent and "period changes" are in percentage points.
[2] Inventories of U.S. imports are based on responses to Commission questionnaires.
[3] ***. Productivity and unit labor costs are calculated using data of firms providing both numerator and denominator information.
[4] Not applicable.

Note–Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

APPENDIX D

MANUFACTURING PROCESSES, PRODUCT DESCRIPTIONS, AND USES

MANUFACTURING PROCESSES, BROAD PRODUCT DESCRIPTIONS, AND USES[1]

MANUFACTURING PROCESSES

The manufacturing processes for steel products are summarized below. In general, there are three distinct stages that include: (1) melting or refining raw steel; (2) casting molten steel into semi-finished forms; and (3) performing the finishing operations that produce the final product. The melting and casting processes produce and transform molten steel into a solid form ready for rolling and do not, by themselves, produce a finished product. More detailed information on specific products is included in subsequent chapters.

Melt Stage

Steel is produced by either the integrated or nonintegrated process.[2] The nonintegrated, or scrap-based process (also referred to as the "minimill" process) produces molten steel by melting scrap or scrap substitutes in an electric-arc furnace.[3] The integrated process typically smelts iron ore using coke in a blast furnace to produce molten iron, which is subsequently poured into a steelmaking furnace, generally a basic oxygen furnace, together with a lesser amount of scrap metal.[4] The hot metal is processed into steel when oxygen is blown into the metal bath. Lime is added to serve as a fluxing[5] agent; it combines with impurities to form a floating layer of slag, which is later removed. The molten steel is poured or "tapped" from the furnace to a ladle[6] to be transported to a ladle metallurgy (or secondary steelmaking) station, and then to casting.

Regardless of whether they use the integrated or nonintegrated process, it is now common for steelmakers to utilize a ladle metallurgy station. Shifting the final refining stages to the ladle metallurgy station allows shorter cycles in the primary steelmaking vessel, effectively raising steelmaking capacity. Steelmakers employ additional techniques to further refine and improve the steel.[7] Steelmakers may adjust the chemical content by adding alloying elements or by lowering the carbon content (de-carburization), and may adjust the temperature of the steel for optimum casting. While carbon content of sheet steel may be reduced further by subsequent hydrogen annealing of the coiled steel, the steel's essential chemical characteristics are established prior to the casting stage.

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[1] This section is based on information presented in the Commission's section 201 steel report, and has been updated to reflect changes since 2001. *See Steel*, Inv. No. TA-201-73, USITC Pub. 3479, December 2001.

[2] Carbon and many alloy steels are made using both processes, but stainless steel is almost always made using the nonintegrated process.

[3] Scrap often has high levels of undesirable elements. To improve steel quality, all of the new thin-slab flat-rolled mills are making some use of scrap substitutes such as direct-reduced iron, hot-briquetted iron, and iron carbide.

[4] Open hearth furnaces are also used in the integrated process, but have been supplanted by basic oxygen furnaces in most countries.

[5] A flux is a substance added to the molten steel for purification purposes.

[6] The ladle is a vessel into which the molten steel is poured from the furnace for transfer to the next processing stage.

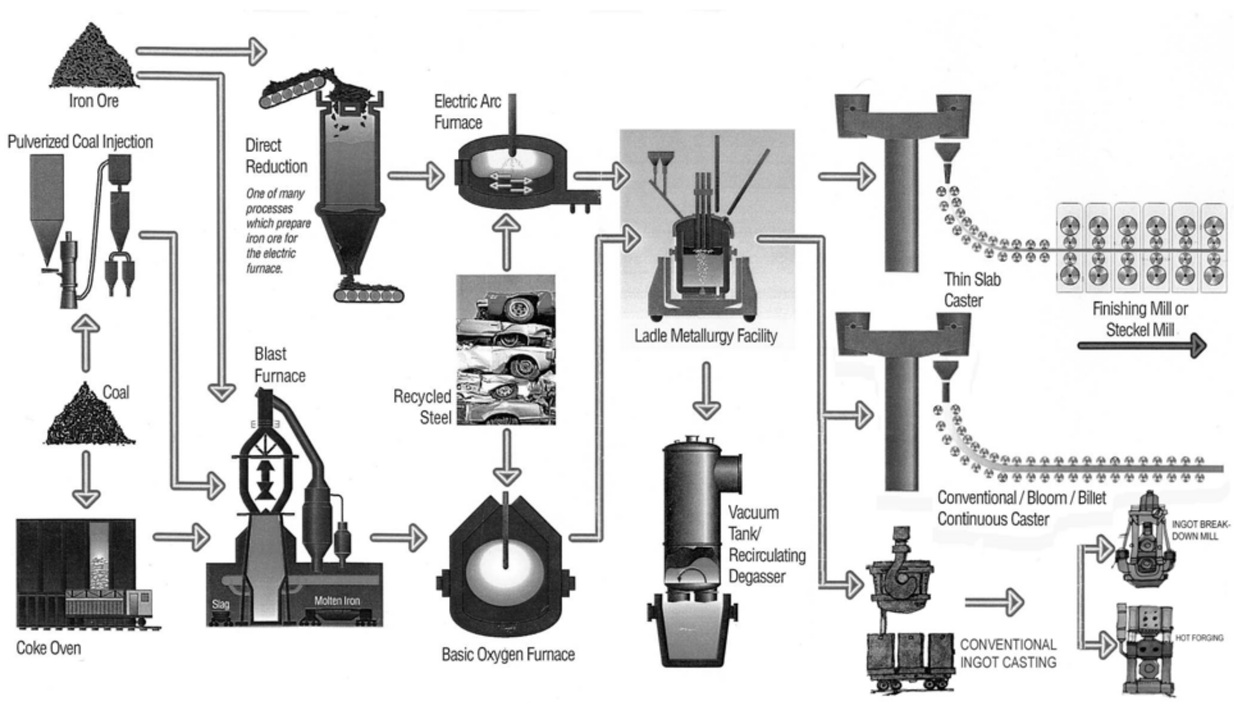
[7] The goals of secondary steelmaking include controlling gases (e.g., decreasing the concentration of oxygen, hydrogen, and nitrogen, called degassing), reducing sulfur, removing undesirable nonmetallic inclusions such as oxides and sulfides, changing the composition and/or shape of oxides and sulfides that cannot be completely removed, and improving the mechanical properties of the finished steel. U.S. Steel, *The Making, Shaping, and Treating of Steel*, 10th edition, p. 671.

Casting Stage

Following the production of molten steel with the desired properties, the steel typically is continuously cast into one of three semifinished forms that can be further processed: slabs, billets, or blooms. Slabs are cast in a rectangular form with a thickness from 2 to 10 or more inches and a width between 30 and 80 inches. Billets are normally 2 to 6 inches square while blooms are similar in shape to billets but typically have cross-sections greater than 6 inches.[8] Producers also formerly used ingot teeming to cast steel, but continuous casting is now the preferred, lower-cost method. The vast majority of steels now produced in the United States are continuously cast.

In continuous casting, the molten steel is poured into a mold that has the cross-sectional shape of the desired semifinished form (see figure D-1 from the American Iron and Steel Institute (AISI)). The mold is slightly tapered. The steel is poured continuously into the mold and solidifies as it passes through and out of the bottom portion of the mold. The solidified steel is cut off below the mold into the desired lengths for further processing.

Figure D-1
Steelmaking flowchart



Source: AISI.

[8] Billets and blooms may also have non-rectangular cross-sections.

Although continuous casting is used by most steelmakers worldwide, some steel is cast into ingots before processing into semifinished forms (also depicted in figure D-1). In the ingot process, molten steel is poured into an ingot mold where it solidifies. After solidification, the ingot is removed from the mold and placed into a furnace to bring the ingot to a uniformly high temperature throughout. The ingot is then placed into a mill that shapes the ingot into a semifinished form.

Subsequent Processing

A semifinished product is transferred to a rolling mill where it is heated prior to rolling. The form is passed through one or more sets of revolving rolls that reduce its thickness and/or change its shape in a process known as "hot-rolling." After cooling, some of these products are then subjected to another rolling stage, called "cold-rolling" because the steel is at ambient temperature when it is rolled, which further reduces the thickness of the steel and improves its strength and surface quality. Other processing steps can include controlled reheating and cooling (annealing), cleaning in a bath of acid (pickling), a special cold-rolling that improves the texture or imparts a certain texture to the steel (temper rolling), cutting, slitting, shearing, and/or using a coiler to wind the product into a coil. The subject finished products produced from the semifinished forms are discussed below.

Slabs

Slabs are generally used to produce flat products and, subsequently, welded pipes. Specific forms of steel produced directly and indirectly from slabs include the following:

- **Cut-to-length or discrete plate**–Flat-rolled steel that typically ranges between about 3/16 of an inch to more than 12 inches in thickness. In the most common production process a slab is reduced on a reversing rolling mill to the desired thickness.

- **Hot-rolled steel**–Flat-rolled steel produced on a hot strip (continuous) or Steckel-type (reversing) mill and wound into coils at the end of the process. The difference between coiled sheet, strip, and plate consist of differences in thickness and width. Only the lighter thicknesses of plate can be produced in a coiled form. Sheet and strip are thinner than 3/16 of an inch; sheet is rolled to a width of about 24 inches or more while strip is narrower.

- **Cold-rolled steel**–Hot-rolled steel that is subsequently cold-rolled, improving the steel's surface quality and strength.

- **Corrosion-resistant and other coated steel**–For hot-dipped zinc or aluminum coatings, sheet and strip are cleaned so the coating will adhere to the steel, then placed in a bath of hot zinc and/or aluminum. As the strip emerges from the bath, it is cooled and the coating solidifies. Electrogalvanized products are produced by passing the steel through a solution containing dissolved zinc, which is deposited on the steel by an electrolytic reaction. For painted products, the steel is cleaned and the surface prepared for painting. The steel then moves to a paint coater where a primer is applied. After the strip moves to a baking oven to cure the primer, it is cooled and conveyed to a second paint coater where the finishing coat is applied with rollers. The strip then enters another oven for curing and cooling.

- **Tin mill products**–Frequently, the steel used for making tin mill products goes from cold-rolling through an annealing process, after which it is temper-rolled or cold-rolled again. The steel is cleaned in a dilute acid solution, then it is electroplated with tin or chromium in a process similar to electrogalvanizing.

- **Welded pipe**–Welded pipe is produced indirectly from slabs in that it is formed by bending either flat-rolled sheet or plate so that the edges meet to form a cylinder. The edges are then welded together to form the pipe.

Blooms and Billets

Blooms and billets generally are used to produce long products, and subsequently, seamless pipe. Specific subject products produced directly and indirectly from blooms and billets include the following:

- **Hot-rolled bar and light shapes**–A billet is reheated, then passed through a set of grooved rolls to produce the desired shape for the bar or light shapes and cut into straight lengths. Bars may have a round, square, rectangular, or other solid polygonal cross-section. Light shapes include angles, channels, tees, etc., with no cross-sectional dimension greater than about 3 inches.

- **Cold-finished bar**–Hot-rolled bars that are cold-finished undergo certain other processes after cooling to ambient temperature, including cold-rolling, cold-drawing, machining, and grinding.

- **Rebar**–Rebar is hot-rolled bar in which indentations such as grooves and ribs are rolled onto the surface.

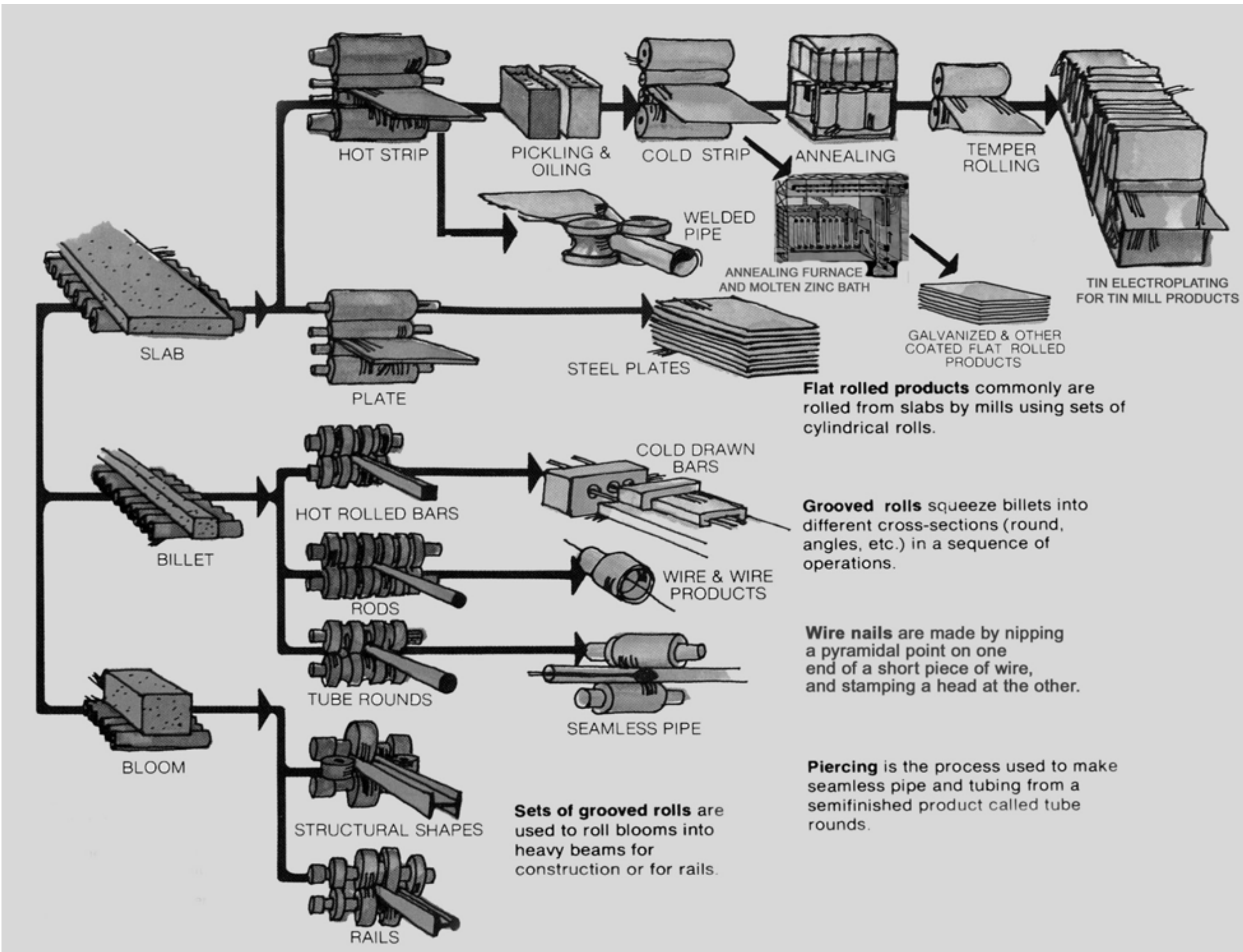
- **Rods**–Rods are rolled from reheated billets and coiled at the end of the process. Rods are usually of circular cross-section. They are often considered a semifinished product as they have limited uses without further processing.

- **Wire**–Wire is drawn from rods. The rods are cleaned with acid, rinsed with water, treated with lime to neutralize the acid, and then thoroughly dried. The rod is then drawn through a die to produce wire. Wire may go through subsequent processes such as heat treating and galvanizing.

- **Flanges and fittings**–Flanges are mostly forged parts made from billets which are forged through a closed-die process. The forgings typically are heat treated and finished by machining all sides to exact dimensions. Fittings also typically are made by a forging process whereby the billet is first made into a seamless tube which is then heated and forged into the required shape. Some fittings (e.g., nipples) can also be made from welded or seamless tubular forms by cutting and threading to specifications.

A flowchart of the steel processing for the above-mentioned products is provided in figure D-2.

Figure D-2
Steel processing flowchart



Source: AISI.

USES

Table D-1 presents information on the primary end markets for major forms of subject steel.

Table D-1
Major markets for various subject steel products and forms

Item	End use markets
Flat:	
Slab	Hot-rolled steel producers
Plates (uncoated)	Construction, automotive, rail transportation, and construction and materials-handling equipment
Hot-rolled sheet and strip	Automotive, construction, and welded tubular
Cold-rolled sheet and strip	Automotive, electrical equipment, appliances, utensils and cutlery, other domestic and commercial equipment, construction
Corrosion-resistant sheet and strip	Automotive, construction
Tin mill	Automotive; containers, packaging and shipping material
Long:	
Hot-rolled bars and light shapes	Construction, automotive
Cold-finished bar and light shapes	Automotive, machinery
Rebar	Non-residential building and road construction
Tubular:	
Welded tubular pipe (standard pipe / large diameter line pipe / mechanical pipe)	Oil and gas industry, electrical equipment, construction / oil and gas industry / construction and automotive
Flanges and fittings	Oil and gas industry, electrical equipment, construction, and automotive
Stainless steel:	
Stainless steel bar and light shapes	Aerospace equipment, power generation machinery, petrochemical machinery, and other capital machinery
Stainless steel rod	Stainless steel wire, aerospace equipment, power generation machinery, petrochemical machinery, and other capital machinery
Stainless steel wire	Fasteners, medical equipment, machinery

Source: Based upon AISI, *Annual Statistical Report 2002*, table 11 (“Net Shipments of Steel Mill Products by Market Classifications, All Grades), pp. 30.31.

TECHNOLOGY TRENDS

For the decade beginning in 1991, the development and implementation of new technologies were evident in the investment behavior of steel companies in the United States and around the world. Although steel companies had historically developed much of their technology themselves, by the 1990s equipment suppliers had firmly taken the lead with respect to the development of major new production equipment. New technology needed to enhance quality and improve productivity had become readily available to steel makers in any country willing and able to invest adequate levels of capital. Adoption rates for new technology, therefore, have varied widely by company, country, and technology.

Several broad trends developed, affecting the make-up of the industry, its options with respect to raw materials, and its composition. The major trends started, completed, or under way over the past decade include:

- The adoption of the basic oxygen process of steelmaking as the dominant process for producing steel from iron ore. The basic oxygen process was developed in the 1950s and flourished with widespread adoption through the 1960s and 1970s. In 1991, the last operating open hearth steelmaking facility in the United States was shut down, replaced by a basic oxygen process facility, making 1991 the final year during which the process that had dominated the industry for over one-half of a century was utilized in this country. However, the energy- and labor-intensive open hearth method still accounts for a significant share of production in some of the less-advanced industries, such as Russia, Ukraine, and China.

- Continued growth of electric-arc furnace steelmaking, which is the preferred method of producing steel from scrap. While the amount of steel produced by the basic oxygen process has been relatively constant in the United States since 1991, the amount of steel produced by electric-arc furnaces has increased more than 50 percent. This increase was the result of heavy investment in new, greenfield electric-arc furnace plants and in capacity increases in existing plants, including the conversion of some plants from integrated to nonintegrated production.

- The adoption of continuous casting for converting molten steel into semifinished steel products. This process, which offers significant energy, labor, and capital savings compared to the ingot casting process, was developed in the 1960s, and was widely adopted during the 1970s and 1980s. In 1991, 76 percent of the steel produced in the United States was continuous cast. Since 2000, with continued implementation and the shutdown of obsolete ingot casting facilities, over 97 percent of steel produced in the United States has been continuous cast, a similar share to that in other advanced industries around the world, such as Japan, Korea, and the EU.

- The commercialization and widespread adoption of thin-slab casting for the production of flat-rolled products. This new technology was demonstrated in 1989 and was quickly adopted, especially in the United States. Thin slab casting makes the production of flat-rolled products practical in a minimill with annual capacity of 1 to 2 million tons, with a much lower capital cost than would be required for an integrated blast furnace/basic oxygen process mill with a capacity of between 4 and 6 million tons. Minimills utilizing thin-slab technology accounted for most of the increase of capacity in the U.S. steel industry since 1990.

- The building of new finishing capacity to meet the growing demand for corrosion-resistant products, including hot-dip galvanizing, electrogalvanizing, zinc-aluminum coating, and fully alloyed zinc-iron coating. The demand for these products is partly to replace uncoated carbon steel in applications such as automotive.

- The trend for steel companies to increase their capacities for producing higher value-added products to capture more of the total value of the products as used by the ultimate consumers and avoid low commodity-type pricing that has come to characterize the market for plain hot-rolled products.

- Incremental upgrading of existing technologies:

    - Improvements to blast furnace technology over the decade have resulted in increased production per furnace, reductions in fuel use, and increased life of furnaces between major rebuilding events. Greater flexibility in fuel use has been achieved though widespread adoption of pulverized coal injection and the use of natural gas and fuel oil, all reducing the amount of coke required.

    - Improvements in steelmaking technology include widespread adoption of ladle-refining, in which the refining of molten steel is completed in a ladle after its removal from the steelmaking furnace. This increases the overall productivity of the operation and allows the operator to perform a variety of refining and finishing processes that result in the production of cleaner (more defect-free) steel of more consistent quality and of new grades that cannot be practically produced without such refining.

    - Improvements in electric-melting furnaces have involved the replacement of older furnaces with ones of larger heat size and, usually, much higher rates of heat input, resulting in greatly increased productivity. New electric-arc furnaces and the adoption of new operating practices have resulted in increased productivity, with lower unit energy consumption, and improved quality.

    - Rolling mill technology improved during the decade. Although the large hot-strip mills that are operating in the United States today were built before the 1990s, most of them dating from the 1960s, they were extensively modernized and upgraded during the 1990s. Investments have been made in instrumentation and control, and in equipment to enable the production of steel of more consistent quality with less variation in properties, matching the capabilities of newer equipment installed in more recently developed industries such as those of Korea and Japan.

    - The development of new products, taking advantage of the capabilities of the new ladle-refining technologies, has made steel products available to the market that were not available at the start of the decade. The new products have combinations of strength and formability not previously available.

APPENDIX E

U.S. PRODUCERS' POSITIONS WITH RESPECT TO THE SECTION 203 RELIEF

Table E-1
Flat steel: U.S. producers' positions with respect to the section 203 import relief, by firms and by products

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Table E-2
Long steel: U.S. producers' positions with respect to the section 203 import relief, by firms and by products

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Table E-3
Tubular steel: U.S. producers' positions with respect to the section 203 import relief, by firms and by products

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Table E-4
Stainless steel: U.S. producers' positions with respect to the section 203 import relief, by firms and by products

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APPENDIX F

ADDITIONAL FLAT STEEL TABLES

SLAB

Table F-1
Slab: U.S. producers' capacity, production, shipments, inventories, and employment data, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
		Quantity *(short tons)*	
Capacity	68,381,515	66,854,548	69,565,244
Production	59,277,687	57,019,459	60,393,082
Internal consumption/transfers	58,914,102	57,138,046	60,193,563
U.S. commercial shipments	94,878	163,925	736,687
U.S. shipments	59,008,980	57,301,971	60,930,250
Export shipments	12,023	37,308	57,167
Total shipments	59,021,003	57,339,279	60,987,417
Ending inventories	2,518,204	2,277,739	2,239,626
		Value *($1,000)*	
Internal consumption/transfers	13,130,938	12,243,314	13,349,838
U.S. commercial shipments	19,717	37,138	170,612
U.S. shipments	13,150,655	12,280,452	13,520,450
Export shipments	2,615	7,279	12,463
Total shipments	13,153,270	12,287,731	13,532,913
		Unit value *(per short ton)*	
Internal consumption/transfers	223	214	222
U.S. commercial shipments	208	227	232
U.S. shipments	223	214	222
Export shipments	217	195	218
Total shipments	223	214	222
		Ratios and shares *(percent)*	
Capacity utilization	86.7	85.3	86.8
U.S. shipments to distributors	1.1	1.6	4.5
U.S. shipments to end users	98.9	98.4	95.5
Inventories/total shipments	4.3	4.0	3.7
		Employment data[1]	
PRWs[2] *(number)*	17,264	16,876	16,813
Hours worked *(1,000)*	37,140	35,465	36,388
Wages paid *($1,000)*	970,827	948,109	998,839
Hourly wages	$26.14	$26.73	$27.45
Productivity *(short tons/1,000 hours)*	***	***	***
Unit labor costs *(per short ton)*	$***	$***	$***

[1] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[2] Production and related workers.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-2
Slab: Results of operations of U.S. producers, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Net commercial sales	106,902	201,234	793,854
	Value *($1,000)*		
Net commercial sales	22,332	44,417	183,075
COGS	23,879	45,829	175,862
Gross profit or (loss)	(1,547)	(1,412)	7,213
SG&A expenses	2,683	3,536	13,920
Operating income or (loss)	(4,230)	(4,948)	(6,707)
Interest expense	1,284	1,699	8,778
Other (income)/expenses, net	(593)	(1,411)	(62)
Net income or (loss)	(4,921)	(5,236)	(15,423)
Depreciation/amortization	1,836	1,564	11,600
Cash flow	(3,085)	(3,672)	(3,823)
CDSOA funds received	0	0	0
Pension (credit)/expense	219	310	26,612
Other post-employment benefits	221	411	15,008
Capital expenditures	214,164	1,204	4,254
R&D expenses	5,782	4,991	5,308
	Ratio to net commercial sales *(percent)*		
COGS	106.9	103.2	96.1
Gross profit or (loss)	(6.9)	(3.2)	3.9
SG&A expenses	12.0	8.0	7.6
Operating income or (loss)	(18.9)	(11.1)	(3.7)
Net income or (loss)	(22.0)	(11.8)	(8.4)
	Unit value (*per short ton*)		
Net commercial sales	$209	$221	$231
COGS total	223	228	222
Raw materials	121	98	113
Direct labor	40	44	49
Other factory costs	62	86	59
Gross profit or (loss)	(14)	(7)	9
SG&A expenses	25	18	18
Operating income or (loss)	(40)	(25)	(8)
	Number of firms reporting		
Operating Losses	5	5	5
Data	7	7	9

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-3
Slab: U.S. imports, by sources, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period change from period 2 to period 3
	Quantity *(short tons)*			***Percent***
Covered sources[1]	4,526,237	5,075,704	4,539,802	-10.6
Noncovered sources:[2]				
Mexico	1,559,891	1,203,234	2,183,195	81.4
All others	337,311	306,039	299,574	-2.1
Subtotal (noncovered)	1,897,202	1,509,273	2,482,769	64.5
Total (all imports)	6,423,439	6,584,977	7,022,570	6.6
	Landed, duty paid value *($1,000)*			
Covered sources[1]	962,734	837,269	939,733	12.2
Noncovered sources:[2]				
Mexico	349,123	231,877	487,944	110.4
All others	73,225	52,901	69,450	31.3
Subtotal (noncovered)	422,348	284,778	557,394	95.7
Total (all imports)	1,385,081	1,122,047	1,497,127	33.4
	Unit value *(per short ton)*			
Covered sources[1]	$213	$165	$207	25.5
Noncovered sources:[2]				
Mexico	224	193	223	16.0
All others	217	173	232	34.1
Average (noncovered)	223	189	225	19.0
Average (all imports)	216	170	213	25.1
	Share of total imports based on quantity *(percent)*			***Percentage point***
Covered sources[1]	70.5	77.1	64.6	-12.4
Noncovered sources:[2]				
Mexico	24.3	18.3	31.1	12.8
All others	5.3	4.6	4.3	-0.4
Subtotal (noncovered)	29.5	22.9	35.4	12.4
Total (all imports)	100.0	100.0	100.0	0.0
	Ratio of imports to production *(percent)*			
Covered sources[1]	7.6	8.9	7.5	-1.4
Noncovered sources	3.2	2.6	4.1	1.5
Total	10.8	11.5	11.6	0.1

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of slab.
[2] Noncovered sources accounting for 3 percent or more of total U.S. imports (based on quantity) in April 2002-March 2003 are itemized.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of Commerce.

Table F-4
Slab: U.S. imports from covered sources, by tariff categories, April 2002-March 2003

* * * * * * *

Table F-5
Slab: U.S. importers' U.S. shipments and end-of-period inventories, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Covered sources:[1]			
U.S. shipments of imports	4,286,123	5,061,690	4,934,199
End-of-period inventories	621,348	883,214	701,319
Noncovered sources:			
U.S. shipments of imports	2,593,120	2,835,350	3,333,901
End-of-period inventories	338,592	326,524	366,701
Total:			
U.S. shipments of imports	6,879,243	7,897,040	8,268,100
End-of-period inventories	959,940	1,209,738	1,068,020
	Ratio of inventories to U.S. shipments of imports *(percent)*		
Covered sources	14.5	17.4	14.2
Noncovered sources	13.1	11.5	11.0
Average	14.0	15.3	12.9

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of slab.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-6
Slab: U.S. shipments of domestic product, U.S. imports, by sources, apparent U.S. consumption, and market shares, April 2000-March 2003

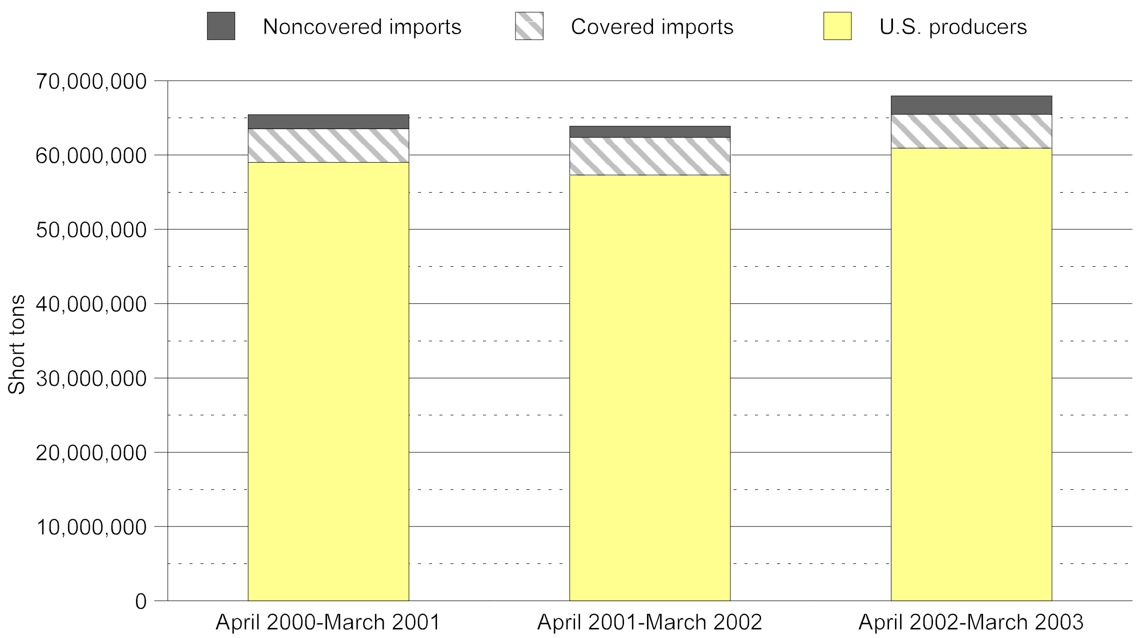
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
U.S. producers' U.S. shipments	59,008,980	57,301,971	60,930,250
U.S. imports from:			
Covered sources[1]	4,526,237	5,075,704	4,539,802
Noncovered sources	1,897,202	1,509,273	2,482,769
Total U.S. imports	6,423,439	6,584,977	7,022,570
Apparent U.S. consumption	65,432,419	63,886,948	67,952,820
	Value *($1,000)*		
U.S. producers' U.S. shipments	13,150,655	12,280,452	13,520,450
U.S. imports from:			
Covered sources[1]	962,734	837,269	939,733
Noncovered sources	422,348	284,778	557,394
Total U.S. imports	1,385,081	1,122,047	1,497,127
Apparent U.S. consumption	14,535,736	13,402,499	15,017,577
	U.S. market share based on quantity *(percent)*		
U.S. producers' U.S. shipments	90.2	89.7	89.7
U.S. imports from:			
Covered sources[1]	6.9	7.9	6.7
Noncovered sources	2.9	2.4	3.7
Total U.S. imports	9.8	10.3	10.3
	U.S. market share based on value *(percent)*		
U.S. producers' U.S. shipments	90.5	91.6	90.0
U.S. imports from:			
Covered sources[1]	6.6	6.2	6.3
Noncovered sources	2.9	2.1	3.7
Total U.S. imports	9.5	8.4	10.0

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of slab.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires and official statistics of Commerce.

Figure F-1
Slab: Apparent U.S. consumption, by sources, April 2000-March 2003



Source: Table F-6.

PLATE

Table F-7
Plate: U.S. producers' capacity, production, shipments, inventories, and employment data, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Capacity	7,635,237	8,579,041	8,701,618
Production	5,177,644	5,837,256	5,861,837
Internal consumption/transfers	169,833	405,876	418,596
U.S. commercial shipments	4,786,755	5,166,420	5,208,697
U.S. shipments	4,956,588	5,572,296	5,627,293
Export shipments	222,868	187,956	266,202
Total shipments	5,179,456	5,760,252	5,893,495
Ending inventories	346,258	395,368	362,079
	Value *($1,000)*		
Internal consumption/transfers	72,010	166,838	182,149
U.S. commercial shipments	1,888,004	1,874,652	1,924,736
U.S. shipments	1,960,014	2,041,490	2,106,885
Export shipments	91,491	73,612	98,394
Total shipments	2,051,505	2,115,102	2,205,279
	Unit value *(per short ton)*		
Internal consumption/transfers	424	411	435
U.S. commercial shipments	394	363	370
U.S. shipments	395	366	374
Export shipments	411	392	370
Total shipments	396	367	374
	Ratios and shares *(percent)*		
Capacity utilization	67.8	68.0	67.4
U.S. shipments to distributors	54.4	58.2	60.6
U.S. shipments to end users	45.6	41.8	39.4
Inventories/total shipments	6.7	6.9	6.1
	Employment data[1]		
PRWs[2] *(number)*	5,005	4,958	4,539
Hours worked *(1,000)*	***	***	***
Wages paid *($1,000)*	***	***	***
Hourly wages	$***	$***	$***
Productivity *(short tons/1,000 hours)*	***	***	***
Unit labor costs *(per short ton)*	$***	$***	$***

[1] ***. Hourly wages, productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information. In order to make certain carbon and alloy flat-rolled steel public, hours and wages are treated as if business proprietary.
[2] Production and related workers.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-8
Plate: Results of operations of U.S. producers, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
		Quantity *(short tons)*	
Net commercial sales	5,008,421	5,353,285	5,474,277
	Value *($1,000)*		
Net commercial sales	1,979,495	1,948,264	2,023,130
COGS	2,034,828	2,048,556	2,079,714
Gross profit or (loss)	(55,333)	(100,292)	(56,584)
SG&A expenses	98,192	95,297	90,465
Operating income or (loss)	(153,525)	(195,589)	(147,049)
Interest expense	75,078	72,294	58,938
Other (income)/expenses, net	(3,317)	(11,739)	407
Net income or (loss)	(225,286)	(256,144)	(206,394)
Depreciation/amortization	96,980	122,837	124,135
Cash flow	(128,306)	(133,307)	(82,259)
CDSOA funds received	0	1,185	459
Pension (credit)/expense	22,986	29,747	25,089
Other post-employment benefits	55,646	54,083	46,138
Capital expenditures	231,716	161,133	37,553
R&D expenses	4,587	3,945	2,837
	Ratio to net commercial sales *(percent)*		
COGS	102.8	105.1	102.8
Gross profit or (loss)	(2.8)	(5.1)	(2.8)
SG&A expenses	5.0	4.9	4.5
Operating income or (loss)	(7.8)	(10.0)	(7.3)
Net income or (loss)	(11.4)	(13.1)	(10.2)
	Unit value *(per short ton)*		
Net commercial sales	$395	$364	$370
COGS total	406	383	380
Raw materials	191	167	174
Direct labor	55	52	46
Other factory costs	161	164	161
Gross profit or (loss)	(11)	(19)	(10)
SG&A expenses	20	18	17
Operating income or (loss)	(31)	(37)	(27)
	Number of firms reporting		
Operating Losses	9	9	7
Data	14	14	14

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-9
Plate: U.S. imports, by sources, April 2000-March 2003[1]

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period change from period 2 to period 3
	Quantity *(short tons)*			***Percent***
Covered sources[1]	652,347	652,737	195,241	-70.1
Noncovered sources:[2]				
Bulgaria	16,223	31,625	27,169	-14.1
Canada	185,355	231,351	259,355	12.1
Czech Republic	43,141	19,875	68,458	244.4
Romania	2,728	16,660	100,753	504.8
Subtotal	247,447	299,511	455,735	52.2
All others	64,804	58,535	38,093	-34.9
Subtotal (noncovered)	312,251	358,046	493,828	37.9
Total (all imports)	964,598	1,010,784	689,068	-31.8
	Landed, duty paid value *($1,000)*			
Covered sources[1]	272,760	267,483	100,955	-62.3
Noncovered sources:[2]				
Bulgaria	4,799	7,527	7,083	-5.9
Canada	71,861	86,225	100,916	17.0
Czech Republic	12,680	7,084	23,136	226.6
Romania	1,824	3,769	29,302	677.4
Subtotal	91,164	104,605	160,437	53.4
All others	19,302	16,196	11,638	-28.1
Subtotal (noncovered)	110,466	120,801	172,075	42.4
Total (all imports)	383,226	388,284	273,030	-29.7
	Unit value *(per short ton)*			
Covered sources[1]	$418	$410	$517	26.2
Noncovered sources:[2]				
Bulgaria	296	238	261	9.5
Canada	388	373	389	4.4
Czech Republic	294	356	338	-5.2
Romania	669	226	291	28.6
Average	368	349	352	0.8
All others	298	277	306	10.4
Average (noncovered)	354	337	348	3.3
Average (all imports)	397	384	396	3.1
	Share of total imports based on quantity *(percent)*			***Percentage point***
Covered sources[1]	67.6	64.6	28.3	-36.2
Noncovered sources:[2]				
Bulgaria	1.7	3.1	3.9	0.8
Canada	19.2	22.9	37.6	14.8
Czech Republic	4.5	2.0	9.9	8.0
Romania	0.3	1.6	14.6	13.0
Subtotal	25.7	29.6	66.1	36.5
All others	6.7	5.8	5.5	-0.3
Subtotal	32.4	35.4	71.7	36.2
Total	100.0	100.0	100.0	0.0
	Ratio of imports to production *(percent)*			
Covered sources[1]	12.6	11.2	3.3	-7.9
Noncovered sources	6.0	6.1	8.4	2.3
Total	18.6	17.3	11.8	-5.6

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of plate.
[2] Noncovered sources accounting for 3 percent or more of total U.S. imports (based on quantity) in April 2002-March 2003 are itemized.

Source: Compiled from official statistics of Commerce.

Table F-10
Plate: U.S. imports from covered sources, by tariff categories, April 2002-March 2003

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Table F-11
Plate: U.S. importers' U.S. shipments and end-of-period inventories, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Covered sources:[1]			
U.S. shipments of imports	346,752	398,486	150,246
End-of-period inventories	18,406	20,198	19,453
Noncovered sources:			
U.S. shipments of imports	180,253	228,456	280,544
End-of-period inventories	4,290	3,241	4,215
Total:			
U.S. shipments of imports	527,005	626,942	430,790
End-of-period inventories	22,696	23,439	23,668
	Ratio of inventories to U.S. shipments of imports *(percent)*		
Covered sources	5.3	5.1	12.9
Noncovered sources	2.4	1.4	1.5
Average	4.3	3.7	5.5

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of plate.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-12
Plate: U.S. shipments of domestic product, U.S. imports, by sources, apparent U.S. consumption, and market shares, April 2000-March 2003

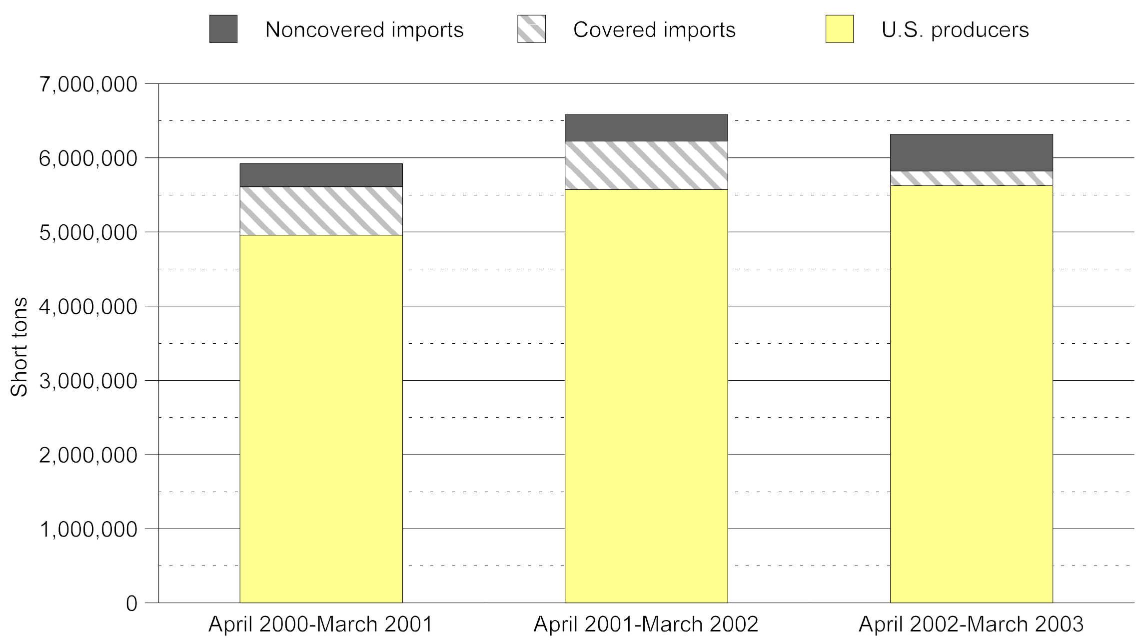
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
U.S. producers' U.S. shipments	4,956,588	5,572,296	5,627,293
U.S. imports from:			
Covered sources[1]	652,347	652,737	195,241
Noncovered sources	312,251	358,046	493,828
Total U.S. imports	964,598	1,010,784	689,068
Apparent U.S. consumption	5,921,186	6,583,080	6,316,361
	Value *($1,000)*		
U.S. producers' U.S. shipments	1,960,014	2,041,490	2,106,885
U.S. imports from:			
Covered sources[1]	272,760	267,483	100,955
Noncovered sources	110,466	120,801	172,075
Total U.S. imports	383,226	388,284	273,030
Apparent U.S. consumption	2,343,240	2,429,774	2,379,915
	U.S. market share based on quantity *(percent)*		
U.S. producers' U.S. shipments	83.7	84.6	89.1
U.S. imports from:			
Covered sources[1]	11.0	9.9	3.1
Noncovered sources	5.3	5.4	7.8
Total U.S. imports	16.3	15.4	10.9
	U.S. market share based on value *(percent)*		
U.S. producers' U.S. shipments	83.6	84.0	88.5
U.S. imports from:			
Covered sources[1]	11.6	11.0	4.2
Noncovered sources	4.7	5.0	7.2
Total U.S. imports	16.4	16.0	11.5

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of plate.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires and official statistics of Commerce.

Figure F-2
Plate: Apparent U.S. consumption, by sources, April 2000-March 2003



Source: Table F-12.

HOT-ROLLED

Table F-13
Hot-rolled: U.S. producers' capacity, production, shipments, inventories, and employment data, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Capacity	76,869,172	74,371,412	78,425,790
Production	63,673,426	60,888,386	65,354,890
Internal consumption/transfers	41,567,046	38,067,719	40,475,264
U.S. commercial shipments	21,997,984	22,568,773	23,680,190
U.S. shipments	63,565,030	60,636,492	64,155,454
Export shipments	489,273	382,833	914,969
Total shipments	64,054,303	61,019,325	65,070,423
Ending inventories	2,319,339	2,195,422	1,805,497
	Value *($1,000)*		
Internal consumption/transfers	11,349,709	9,662,347	12,274,932
U.S. commercial shipments	6,494,970	5,673,347	7,500,956
U.S. shipments	17,844,679	15,335,694	19,775,888
Export shipments	155,992	115,402	271,289
Total shipments	18,000,671	15,451,096	20,047,177
	Unit value *(per short ton)*		
Internal consumption/transfers	273	254	303
U.S. commercial shipments	295	251	317
U.S. shipments	281	253	308
Export shipments	319	301	297
Total shipments	281	253	308
	Ratios and shares *(percent)*		
Capacity utilization	82.8	81.9	83.3
U.S. shipments to distributors	52.3	51.7	54.2
U.S. shipments to end users	47.7	48.3	45.8
Inventories/total shipments	3.6	3.6	2.8
	Employment data[1]		
PRWs[2] *(number)*	27,588	27,427	24,968
Hours worked *(1,000)*	61,006	55,164	54,219
Wages paid *($1,000)*	1,577,142	1,453,680	1,476,556
Hourly wages	$25.85	$26.35	$27.23
Productivity *(short tons/1,000 hours)*	***	***	***
Unit labor costs *(per short ton)*	$***	$***	$***

[1] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[2] Production and related workers.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-14
Hot-rolled: Results of operations of U.S. producers, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
		Quantity *(short tons)*	
Net commercial sales	22,486,258	22,891,606	24,706,971
		Value *($1,000)*	
Net commercial sales	6,661,823	5,769,302	7,830,022
COGS	6,891,180	6,448,054	7,004,646
Gross profit or (loss)	(229,357)	(678,752)	825,376
SG&A expenses	443,984	394,328	448,138
Operating income or (loss)	(673,341)	(1,073,080)	377,237
Interest expense	180,859	193,026	160,751
Other (income)/expenses, net	(42,628)	3,145	(28,327)
Net income or (loss)	(811,572)	(1,269,251)	244,813
Depreciation/amortization	441,558	431,203	381,759
Cash flow	(370,014)	(838,048)	626,572
CDSOA funds received	0	1	247
Pension (credit)/expense	45,482	69,032	96,352
Other post-employment benefits	88,390	100,564	112,048
Capital expenditures	378,371	194,307	158,076
R&D expenses	7,888	6,574	4,036
		Ratio to net commercial sales *(percent)*	
COGS	103.4	111.8	89.5
Gross profit or (loss)	(3.4)	(11.8)	10.5
SG&A expenses	6.7	6.8	5.7
Operating income or (loss)	(10.1)	(18.6)	4.8
Net income or (loss)	(12.2)	(22.0)	3.1
		Unit value *(per short ton)*	
Net commercial sales	$296	$252	$317
COGS total	306	282	284
Raw materials	144	138	146
Direct labor	36	31	26
Other factory costs	127	112	112
Gross profit or (loss)	(10)	(30)	33
SG&A expenses	20	17	18
Operating income or (loss)	(30)	(47)	15
		Number of firms reporting	
Operating Losses	16	20	6
Data	24	24	24

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-15
Hot-rolled: U.S. imports, by sources, April 2000-March 2003[1]

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period change from period 2 to period 3
	Quantity *(short tons)*			*Percent*
Covered sources[1]	3,708,787	1,839,439	2,240,618	21.8
Noncovered sources:[2]				
Canada	468,507	508,620	970,943	90.9
Egypt	0	46,753	288,140	516.3
Mexico	293,571	219,442	396,544	80.7
Thailand	242,936	0	174,018	([3])
Turkey	40,687	374,053	346,708	-7.3
Subtotal	1,045,701	1,148,868	2,176,353	89.4
All others	1,532,855	189,300	584,633	208.8
Subtotal (noncovered)	2,578,556	1,338,168	2,760,986	106.3
Total (all imports)	6,287,343	3,177,607	5,001,604	57.4
	Landed, duty paid value *($1,000)*			
Covered sources[1]	1,151,042	516,360	758,461	46.9
Noncovered sources:[2]				
Canada	162,311	155,721	334,305	114.7
Egypt	0	11,151	95,262	754.3
Mexico	92,275	53,214	133,312	150.5
Thailand	73,057	0	54,391	([3])
Turkey	11,154	81,506	88,497	8.6
Subtotal	338,797	301,592	705,767	134.0
All others	431,048	39,777	162,240	307.9
Subtotal (noncovered)	769,845	341,369	868,007	154.3
Total (all imports)	1,920,886	857,729	1,626,468	89.6
	Unit value *(per short ton)*			
Covered sources[1]	$310	$281	$339	20.6
Noncovered sources:[2]				
Canada	346	306	344	12.5
Egypt	([3])	239	331	38.6
Mexico	314	242	336	38.6
Thailand	301	([3])	313	([3])
Turkey	274	218	255	17.1
Average	324	263	324	23.5
All others	281	210	278	32.1
Average (noncovered)	299	255	314	23.2
Average (all imports)	306	270	325	20.5
	Share of total imports based on quantity *(percent)*			*Percentage point*
Covered sources[1]	59.0	57.9	44.8	-13.1
Noncovered sources:[2]				
Canada	7.5	16.0	19.4	3.4
Egypt	0.0	1.5	5.8	4.3
Mexico	4.7	6.9	7.9	1.0
Thailand	3.9	0.0	3.5	3.5
Turkey	0.6	11.8	6.9	-4.8
Subtotal	16.6	36.2	43.5	7.4
All others	24.4	6.0	11.7	5.7
Subtotal (noncovered)	41.0	42.1	55.2	13.1
Total (all imports)	100.0	100.0	100.0	0.0
	Ratio of imports to production *(percent)*			
Covered sources[1]	5.8	3.0	3.4	0.4
Noncovered sources	4.0	2.2	4.2	2.0
Total	9.9	5.2	7.7	2.4

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of hot-rolled.
[2] Noncovered sources accounting for 3 percent or more of total U.S. imports (based on quantity) in April 2002-March 2003 are itemized.
[3] Not applicable.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of Commerce.

Table F-16
Hot-rolled: U.S. imports from covered sources, by tariff categories, April 2002-March 2003

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Table F-17
Hot-rolled: U.S. importers' U.S. shipments and end-of-period inventories, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Covered sources:[1]			
U.S. shipments of imports	2,797,406	1,256,609	2,672,405
End-of-period inventories	133,579	135,671	169,205
Noncovered sources:			
U.S. shipments of imports	1,702,003	1,183,291	1,919,452
End-of-period inventories	57,663	25,463	81,335
Total:			
U.S. shipments of imports	4,499,409	2,439,900	4,591,857
End-of-period inventories	191,242	161,134	250,540
	Ratio of inventories to U.S. shipments of imports *(percent)*		
Covered sources	4.8	10.8	6.3
Noncovered sources	3.4	2.2	4.2
Average	4.3	6.6	5.5

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of hot-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-18
Hot-rolled: U.S. shipments of domestic product, U.S. imports, by sources, apparent U.S. consumption, and market shares, April 2000-March 2003

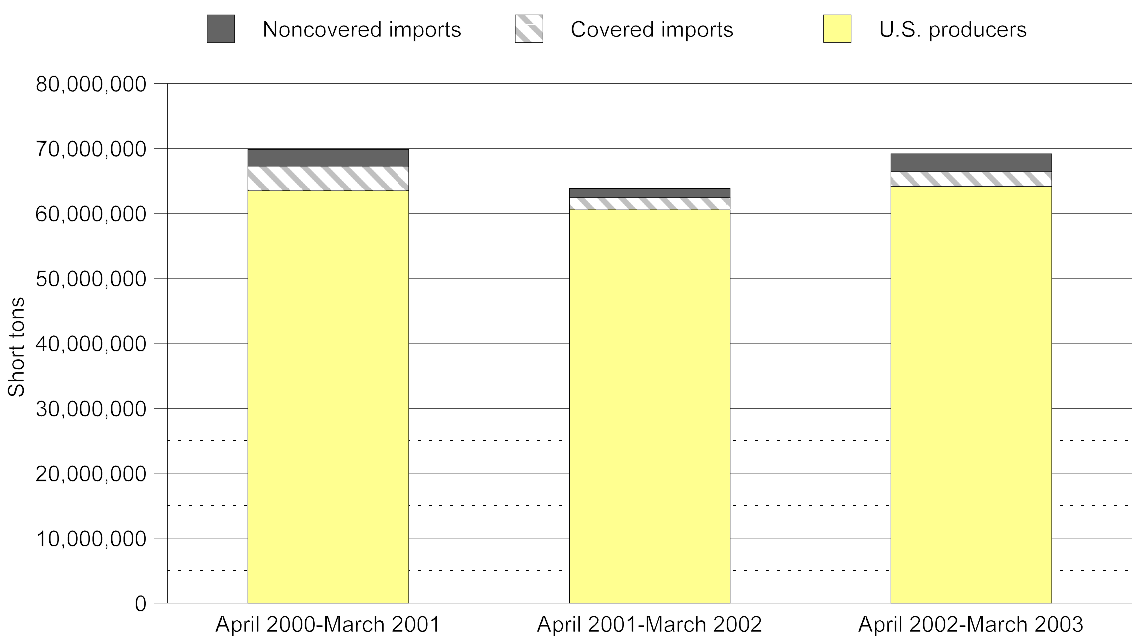
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
		Quantity *(short tons)*	
U.S. producers' U.S. shipments	63,565,030	60,636,492	64,155,454
U.S. imports from:			
Covered sources[1]	3,708,787	1,839,439	2,240,618
Noncovered sources	2,578,556	1,338,168	2,760,986
Total U.S. imports	6,287,343	3,177,607	5,001,604
Apparent U.S. consumption	69,852,373	63,814,099	69,157,058
		Value *($1,000)*	
U.S. producers' U.S. shipments	17,844,679	15,335,694	19,775,888
U.S. imports from:			
Covered sources[1]	1,151,042	516,360	758,461
Noncovered sources	769,845	341,369	868,007
Total U.S. imports	1,920,886	857,729	1,626,468
Apparent U.S. consumption	19,765,565	16,193,423	21,402,356
		U.S. market share based on quantity *(percent)*	
U.S. producers' U.S. shipments	91.0	95.0	92.8
U.S. imports from:			
Covered sources[1]	5.3	2.9	3.2
Noncovered sources	3.7	2.1	4.0
Total U.S. imports	9.0	5.0	7.2
		U.S. market share based on value *(percent)*	
U.S. producers' U.S. shipments	90.3	94.7	92.4
U.S. imports from:			
Covered sources[1]	5.8	3.2	3.5
Noncovered sources	3.9	2.1	4.1
Total U.S. imports	9.7	5.3	7.6

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of hot-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires and official statistics of Commerce.

Figure F-3
Hot-rolled: Apparent U.S. consumption, by sources, April 2000-March 2003



Source: Table F-18.

COLD-ROLLED

Table F-19
Cold-rolled: U.S. producers' capacity, production, shipments, inventories, and employment data, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Capacity	45,036,069	42,204,169	44,865,169
Production	35,934,790	32,953,278	35,860,330
Internal consumption/transfers	21,033,226	19,781,910	21,077,535
U.S. commercial shipments	14,471,255	12,637,170	13,757,630
U.S. shipments	35,504,481	32,419,080	34,835,165
Export shipments	530,057	529,550	609,972
Total shipments	36,034,538	32,948,630	35,445,137
Ending inventories	1,878,229	1,684,954	1,611,890
	Value *($1,000)*		
Internal consumption/transfers	8,042,568	6,987,731	8,137,896
U.S. commercial shipments	6,208,491	4,806,921	5,926,559
U.S. shipments	14,251,059	11,794,652	14,064,455
Export shipments	278,857	245,998	291,047
Total shipments	14,529,916	12,040,650	14,355,502
	Unit value *(per short ton)*		
Internal consumption/transfers	382	353	386
U.S. commercial shipments	429	380	431
U.S. shipments	401	364	404
Export shipments	526	465	477
Total shipments	403	365	405
	Ratios and shares *(percent)*		
Capacity utilization	79.8	78.1	79.9
U.S. shipments to distributors	39.0	35.9	39.5
U.S. shipments to end users	61.0	64.1	60.5
Inventories/total shipments	5.2	5.1	4.5
	Employment data[1]		
PRWs[2] *(number)*	27,674	26,467	23,199
Hours worked *(1,000)*	61,091	52,979	49,476
Wages paid *($1,000)*	1,629,793	1,453,709	1,406,946
Hourly wages	$26.68	$27.44	$28.44
Productivity *(short tons/1,000 hours)*	***	***	***
Unit labor costs *(per short ton)*	$***	$***	$***

[1] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information.
[2] Production and related workers.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-20
Cold-rolled: Results of operations of U.S. producers, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
		Quantity *(short tons)*	
Net commercial sales	14,779,177	12,960,940	14,192,085
		Value *($1,000)*	
Net commercial sales	6,395,805	4,978,896	6,143,547
COGS	6,421,387	5,382,525	5,717,508
Gross profit or (loss)	(25,582)	(403,629)	426,040
SG&A expenses	299,453	244,220	259,256
Operating income or (loss)	(325,035)	(647,850)	166,784
Interest expense	162,764	150,040	124,041
Other (income)/expenses, net	(34,229)	(6,487)	(58,660)
Net income or (loss)	(453,570)	(791,403)	101,403
Depreciation/amortization	392,096	355,956	267,241
Cash flow	(61,474)	(435,447)	368,644
CDSOA funds received	0	592	1,340
Pension (credit)/expense	49,647	108,458	201,030
Other post-employment benefits	107,142	101,524	169,586
Capital expenditures	283,354	233,275	117,586
R&D expenses	14,185	11,699	9,398
		Ratio to net commercial sales *(percent)*	
COGS	100.4	108.1	93.1
Gross profit or (loss)	(0.4)	(8.1)	6.9
SG&A expenses	4.7	4.9	4.2
Operating income or (loss)	(5.1)	(13.0)	2.7
Net income or (loss)	(7.1)	(15.9)	1.7
		Unit value *(per short ton)*	
Net commercial sales	$433	$384	$433
COGS total	434	415	403
Raw materials	167	159	170
Direct labor	66	62	51
Other factory costs	202	195	182
Gross profit or (loss)	(2)	(31)	30
SG&A expenses	20	19	18
Operating income or (loss)	(22)	(50)	12
		Number of firms reporting	
Operating Losses	14	20	12
Data	24	25	25

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-21
Cold-rolled: U.S. imports, by sources, April 2000-March 2003[1]

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period change from period 2 to period 3
	Quantity *(short tons)*			*Percent*
Covered sources[1]	2,079,737	2,276,229	548,229	-75.9
Noncovered sources:[2]				
Canada	229,786	201,099	367,008	82.5
Chile	22,300	3,782	74,170	1,861.1
Mexico	194,793	154,879	288,506	86.3
Turkey	55,527	51,410	74,892	45.7
Subtotal	502,406	411,170	804,576	95.7
All others	298,160	282,903	351,935	24.4
Subtotal (noncovered)	800,566	694,073	1,156,511	66.6
Total (all imports)	2,880,303	2,970,301	1,704,740	-42.6
	Landed, duty paid value *($1,000)*			
Covered sources[1]	1,006,054	859,332	338,442	-60.6
Noncovered sources:[2]				
Canada	102,766	80,756	163,290	102.2
Chile	8,237	1,153	26,852	2,228.9
Mexico	68,259	44,048	113,432	157.5
Turkey	20,957	14,341	29,013	102.3
Subtotal	200,219	140,298	332,587	137.1
All others	109,889	80,888	128,260	58.6
Subtotal (noncovered)	310,108	221,186	460,847	108.4
Total (all imports)	1,316,163	1,080,518	799,289	-26.0
	Unit value *(per short ton)*			
Covered sources[1]	$484	$378	$617	63.5
Noncovered sources:[2]				
Canada	447	402	445	10.8
Chile	369	305	362	18.8
Mexico	350	284	393	38.2
Turkey	377	279	387	38.9
Average	399	341	413	21.1
All others	369	286	364	27.5
Average (noncovered)	387	319	398	25.0
Average (all imports)	457	364	469	28.9
	Share of total imports based on quantity *(percent)*			*Percentage point*
Covered sources[1]	72.2	76.6	32.2	-44.5
Noncovered sources:[2]				
Canada	8.0	6.8	21.5	14.8
Chile	0.8	0.1	4.4	4.2
Mexico	6.8	5.2	16.9	11.7
Turkey	1.9	1.7	4.4	2.7
Subtotal	17.4	13.8	47.2	33.4
All others	10.4	9.5	20.6	11.1
Subtotal (noncovered)	27.8	23.4	67.8	44.5
Total (all imports)	100.0	100.0	100.0	0.0
	Ratio of imports to production *(percent)*			
Covered sources[1]	5.8	6.9	1.5	-5.4
Noncovered sources	2.2	2.1	3.2	1.1
Total	8.0	9.0	4.8	-4.3

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of cold-rolled.
[2] Noncovered sources accounting for 3 percent or more of total U.S. imports (based on quantity) in April 2002-March 2003 are itemized.
[3] Not applicable.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of Commerce.

Table F-22
Cold-rolled: U.S. imports from covered sources, by tariff categories, April 2002-March 2003

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Table F-23
Cold-rolled: U.S. importers' U.S. shipments and end-of-period inventories, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Covered sources:[1]			
U.S. shipments of imports	1,185,585	1,676,752	660,911
End-of-period inventories	213,327	167,645	166,580
Noncovered sources:			
U.S. shipments of imports	308,096	336,899	524,651
End-of-period inventories	36,754	22,363	38,268
Total:			
U.S. shipments of imports	1,493,681	2,013,651	1,185,562
End-of-period inventories	250,081	190,008	204,848
	Ratio of inventories to U.S. shipments of imports *(percent)*		
Covered sources	18.0	10.0	25.2
Noncovered sources	11.9	6.6	7.3
Average	16.7	9.4	17.3

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of cold-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-24
Cold-rolled: U.S. shipments of domestic product, U.S. imports, by sources, apparent U.S. consumption, and market shares, April 2000-March 2003

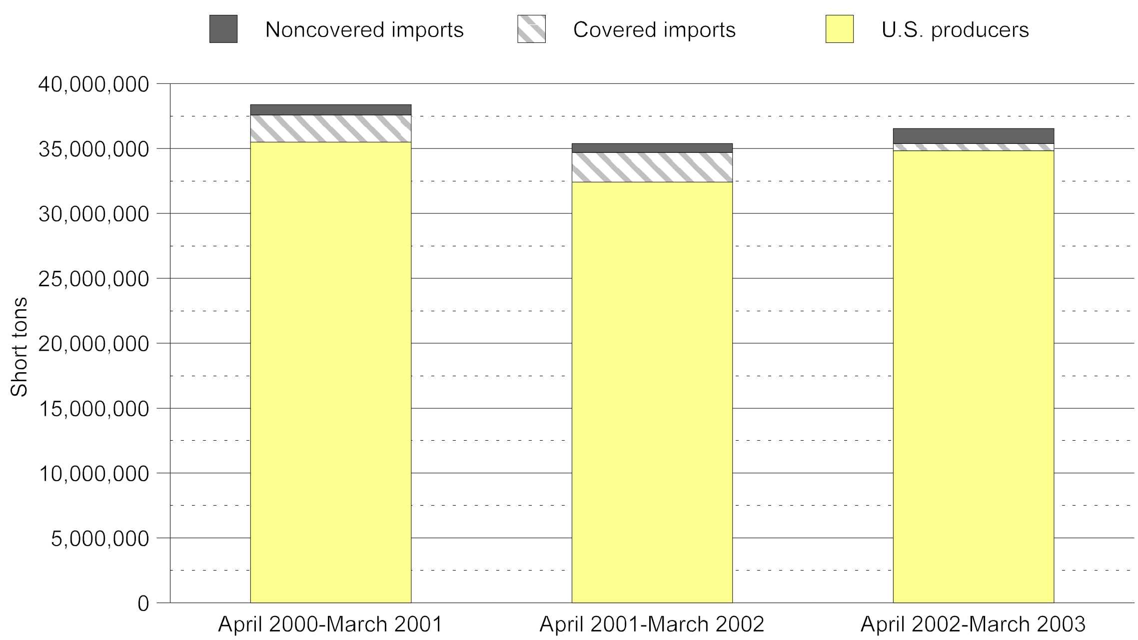
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
U.S. producers' U.S. shipments	35,504,481	32,419,080	34,835,165
U.S. imports from:			
Covered sources[1]	2,079,737	2,276,229	548,229
Noncovered sources	800,566	694,073	1,156,511
Total U.S. imports	2,880,303	2,970,301	1,704,740
Apparent U.S. consumption	38,384,784	35,389,381	36,539,905
	Value *($1,000)*		
U.S. producers' U.S. shipments	14,251,059	11,794,652	14,064,455
U.S. imports from:			
Covered sources[1]	1,006,054	859,332	338,442
Noncovered sources	310,108	221,186	460,847
Total U.S. imports	1,316,163	1,080,518	799,289
Apparent U.S. consumption	15,567,222	12,875,170	14,863,744
	U.S. market share based on quantity *(percent)*		
U.S. producers' U.S. shipments	92.5	91.6	95.3
U.S. imports from:			
Covered sources[1]	5.4	6.4	1.5
Noncovered sources	2.1	2.0	3.2
Total U.S. imports	7.5	8.4	4.7
	U.S. market share based on value *(percent)*		
U.S. producers' U.S. shipments	91.5	91.6	94.6
U.S. imports from:			
Covered sources[1]	6.5	6.7	2.3
Noncovered sources	2.0	1.7	3.1
Total U.S. imports	8.5	8.4	5.4

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of cold-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires and official statistics of Commerce.

Figure F-4
Cold-rolled: Apparent U.S. consumption, by sources, April 2000-March 2003



Source: Table F-24.

COATED

Table F-25
Coated: U.S. producers' capacity, production, shipments, inventories, and employment data, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Capacity	25,085,424	24,625,776	25,086,790
Production	19,739,355	19,159,340	20,425,629
Internal consumption/transfers	648,161	746,614	699,174
U.S. commercial shipments	18,287,983	17,728,258	18,633,634
U.S. shipments	18,936,144	18,474,872	19,332,808
Export shipments	785,038	771,022	753,597
Total shipments	19,721,182	19,245,894	20,086,405
Ending inventories	1,888,019	1,840,569	1,987,490
	Value *($1,000)*		
Internal consumption/transfers	320,458	304,497	308,557
U.S. commercial shipments	9,771,035	8,711,741	9,985,617
U.S. shipments	10,091,493	9,016,238	10,294,174
Export shipments	500,348	485,098	470,841
Total shipments	10,591,841	9,501,336	10,765,015
	Unit value *(per short ton)*		
Internal consumption/transfers	494	408	441
U.S. commercial shipments	534	491	536
U.S. shipments	533	488	532
Export shipments	637	629	625
Total shipments	537	494	536
	Ratios and shares *(percent)*		
Capacity utilization	78.7	77.8	81.4
U.S. shipments to distributors	32.4	30.9	28.3
U.S. shipments to end users	67.6	69.1	71.7
Inventories/total shipments	9.6	9.6	9.9
	Employment data[1]		
PRWs[2] *(number)*	23,605	23,765	20,065
Hours worked *(1,000)*	***	***	***
Wages paid *($1,000)*	***	***	***
Hourly wages	$***	$***	$***
Productivity *(short tons/1,000 hours)*	***	***	***
Unit labor costs *(per short ton)*	$***	$***	$***

[1] *** did not provide employment data. Productivity and unit labor costs are calculated using data of only those firms providing both numerator and denominator information. However, in order to make certain carbon and alloy flat-rolled steel public, hours, wages, and hourly wages are treated as if business proprietary.
[2] Production and related workers.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-26
Coated: Results of operations of U.S. producers, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Net commercial sales	19,073,022	18,499,279	19,387,230
	Value *($1,000)*		
Net commercial sales	10,278,383	9,196,838	10,456,456
COGS	9,885,969	9,170,206	9,555,069
Gross profit or (loss)	392,414	26,632	901,387
SG&A expenses	492,425	465,947	463,759
Operating income or (loss)	(100,011)	(439,316)	437,628
Interest expense	270,446	267,641	207,171
Other (income)/expenses, net	(50,103)	(37,934)	(51,146)
Net income or (loss)	(320,354)	(669,023)	281,603
Depreciation/amortization	604,756	614,178	549,074
Cash flow	284,402	(54,845)	830,677
CDSOA funds received	0	7,122	5,473
Pension (credit)/expense	61,091	214,831	507,660
Other post-employment benefits	175,529	179,698	389,929
Capital expenditures	297,776	176,368	193,627
R&D expenses	28,141	26,657	25,186
	Ratio to net commercial sales *(percent)*		
COGS	96.2	99.7	91.4
Gross profit or (loss)	3.8	0.3	8.6
SG&A expenses	4.8	5.1	4.4
Operating income or (loss)	(1.0)	(4.8)	4.2
Net income or (loss)	(3.1)	(7.3)	2.7
	Unit value (*per short ton*)		
Net commercial sales	$539	$497	$539
COGS total	518	496	493
Raw materials	207	201	212
Direct labor	63	60	51
Other factory costs	249	235	230
Gross profit or (loss)	21	1	46
SG&A expenses	26	25	24
Operating income or (loss)	(5)	(24)	23
	Number of firms reporting		
Operating Losses	13	16	6
Data	20	21	21

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-27
Coated: U.S. imports, by sources, April 2000-March 2003[1]

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	Period change from period 2 to period 3
	Quantity *(short tons)*			***Percent***
Covered sources[1]	1,289,633	1,221,049	842,857	-31.0
Noncovered sources:[2]				
Canada	564,056	572,669	796,716	39.1
India	39,588	85,094	459,048	439.5
Mexico	239,547	223,293	323,503	44.9
Subtotal	843,191	881,056	1,579,267	79.2
All others	150,016	152,903	326,733	113.7
Subtotal (noncovered)	993,207	1,033,959	1,906,000	84.3
Total (all imports)	2,282,840	2,255,008	2,748,857	21.9
	Landed, duty paid value *($1,000)*			
Covered sources[1]	732,479	610,867	511,805	-16.2
Noncovered sources:[2]				
Canada	310,686	310,720	461,824	48.6
India	17,517	32,009	215,852	574.3
Mexico	140,590	120,674	194,021	60.8
Subtotal	468,793	463,403	871,697	88.1
All others	70,386	58,145	154,026	164.9
Subtotal (noncovered)	539,179	521,548	1,025,723	96.7
Total (all imports)	1,271,658	1,132,416	1,537,528	35.8
	Unit value *(per short ton)*			
Covered sources[1]	$568	$500	$607	21.4
Noncovered sources:[2]				
Canada	551	543	580	6.8
India	442	376	470	25.0
Mexico	587	540	600	11.0
Average	556	526	552	4.9
All others	469	380	471	24.0
Average (noncovered)	543	504	538	6.7
Average (all imports)	557	502	559	11.4
	Share of total imports based on quantity *(percent)*			***Percentage point***
Covered sources[1]	56.5	54.1	30.7	-23.5
Noncovered sources:[2]				
Canada	24.7	25.4	29.0	3.6
India	1.7	3.8	16.7	12.9
Mexico	10.5	9.9	11.8	1.9
Subtotal	36.9	39.1	57.5	18.4
All others	6.6	6.8	11.9	5.1
Subtotal (noncovered)	43.5	45.9	69.3	23.5
Total (all imports)	100.0	100.0	100.0	0.0
	Ratio of imports to production *(percent)*			
Covered sources[1]	6.5	6.4	4.1	-2.2
Noncovered sources	5.0	5.4	9.3	3.9
Total	11.6	11.8	13.5	1.7

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of coated.
[2] Noncovered sources accounting for 3 percent or more of total U.S. imports (based on quantity) in April 2002-March 2003 are itemized.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from official statistics of Commerce.

Table F-28
Coated: U.S. imports from covered sources, by tariff categories, April 2002-March 2003

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Table F-29
Coated: U.S. importers' U.S. shipments and end-of-period inventories, April 2000-March 2003

Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
Covered sources:[1]			
U.S. shipments of imports	945,282	897,217	839,005
End-of-period inventories	208,192	187,030	166,800
Noncovered sources:			
U.S. shipments of imports	577,236	619,515	860,440
End-of-period inventories	42,835	48,347	72,229
Total:			
U.S. shipments of imports	1,522,518	1,516,732	1,699,445
End-of-period inventories	251,027	235,377	239,029
	Ratio of inventories to U.S. shipments of imports *(percent)*		
Covered sources	22.0	20.8	19.9
Noncovered sources	7.4	7.8	8.4
Average	16.5	15.5	14.1

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of coated.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table F-30
Coated: U.S. shipments of domestic product, U.S. imports, by sources, apparent U.S. consumption, and market shares, April 2000-March 2003

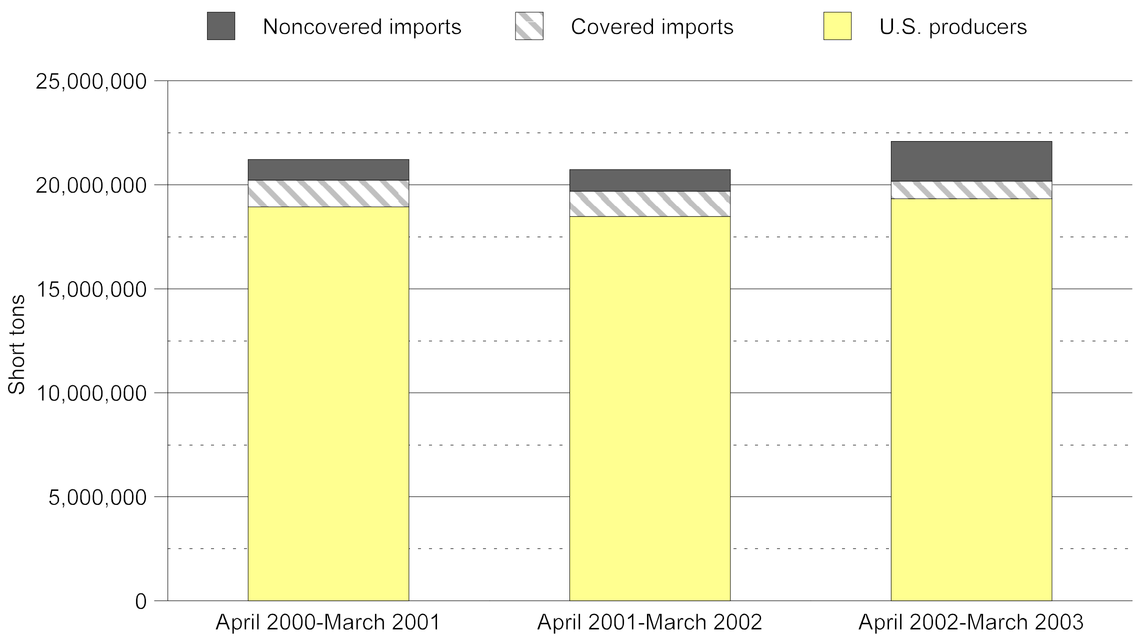
Item	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003
	Quantity *(short tons)*		
U.S. producers' U.S. shipments	18,936,144	18,474,872	19,332,808
U.S. imports from:			
Covered sources[1]	1,289,633	1,221,049	842,857
Noncovered sources	993,207	1,033,959	1,906,000
Total U.S. imports	2,282,840	2,255,008	2,748,857
Apparent U.S. consumption	21,218,984	20,729,880	22,081,665
	Value *($1,000)*		
U.S. producers' U.S. shipments	10,091,493	9,016,238	10,294,174
U.S. imports from:			
Covered sources[1]	732,479	610,867	511,805
Noncovered sources	539,179	521,548	1,025,723
Total U.S. imports	1,271,658	1,132,416	1,537,528
Apparent U.S. consumption	11,363,151	10,148,654	11,831,702
	U.S. market share based on quantity *(percent)*		
U.S. producers' U.S. shipments	89.2	89.1	87.6
U.S. imports from:			
Covered sources[1]	6.1	5.9	3.8
Noncovered sources	4.7	5.0	8.6
Total U.S. imports	10.8	10.9	12.4
	U.S. market share based on value *(percent)*		
U.S. producers' U.S. shipments	88.8	88.8	87.0
U.S. imports from:			
Covered sources[1]	6.4	6.0	4.3
Noncovered sources	4.7	5.1	8.7
Total U.S. imports	11.2	11.2	13.0

[1] Although Brazil is generally exempt from the section 203 relief, it is a covered source with respect to imports of coated.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires and official statistics of Commerce.

Figure F-5
Coated: Apparent U.S. consumption, by sources, April 2000-March 2003



Source: Table F-30.

APPENDIX G

THE FOREIGN INDUSTRIES

FLAT STEEL

Table G-1
Certain carbon and alloy flat-rolled steel: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	518,077,227	510,698,621	513,733,149	517,334,720	518,514,522
Production	475,236,819	453,422,862	482,738,478	481,265,832	482,438,616
End-of-period-inventories	11,809,163	11,544,283	11,439,879	10,498,440	10,008,811
Shipments:					
Internal consumption/transfers	309,192,387	292,909,222	312,524,001	315,800,568	319,883,725
Home market	93,912,323	91,849,871	94,190,106	95,488,649	94,539,775
Exports to:					
United States	7,946,399	6,764,679	5,750,021	5,331,223	5,076,984
All other markets	63,770,094	64,622,416	72,563,327	68,000,584	66,042,188
Total exports	71,716,493	71,387,095	78,313,348	73,331,807	71,119,172
Total shipments	474,821,202	456,146,187	485,027,454	484,621,024	485,542,672
	Value *($1,000)*				
Shipments:					
Home market	35,499,396	30,051,651	33,276,438	34,650,165	34,082,945
Exports to:					
United States	2,406,595	1,752,476	1,776,475	1,683,970	1,629,115
All other markets	19,929,348	17,365,872	22,818,389	22,975,389	21,752,907
Total exports	22,335,943	19,118,348	24,594,863	24,659,359	23,382,022
Total commercial shipments	57,835,339	49,170,000	57,871,302	59,309,524	57,464,968
	Unit value *(per short ton)*				
Shipments:					
Home market	$378	$327	$353	$363	$361
Exports to:					
United States	303	259	309	316	321
All other markets	313	269	314	338	329
Total exports	311	268	314	336	329
Total commercial shipments	349	301	335	351	347
	Ratios and shares *(percent)*				
Capacity utilization	91.7	88.8	94.0	93.0	93.0
Inventories/production	2.5	2.5	2.4	2.2	2.1
Inventories/shipments	2.5	2.5	2.4	2.2	2.1
Share of total shipment quantity:					
Internal consumption/transfers	65.1	64.2	64.4	65.2	65.9
Home market	19.8	20.1	19.4	19.7	19.5
Exports to:					
United States	1.7	1.5	1.2	1.1	1.0
All other markets	13.4	14.2	15.0	14.0	13.6
Total exports	15.1	15.7	16.1	15.1	14.6

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs, plate, hot-rolled, cold-rolled, and coated.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-2
Certain carbon and alloy flat-rolled steel: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**April 2003-March 2004**	**April 2004-March 2005**
	Quantity *(short tons)*				
Capacity	63,591,971	68,881,735	70,342,368	55,640,323	56,659,927
Production	55,041,695	57,315,575	63,427,977	51,349,221	52,555,501
End-of-period-inventories	2,858,359	2,567,051	2,428,139	1,973,818	1,967,974
Shipments:					
Internal consumption/transfers	30,105,676	32,830,818	35,804,319	28,551,355	29,548,704
Home market	18,325,702	17,644,326	18,742,581	14,101,994	14,920,651
Exports to:					
United States	3,230,155	3,024,307	5,037,857	3,668,834	3,616,122
All other markets	3,539,550	4,348,345	4,604,199	5,089,319	4,932,797
Total exports	6,769,705	7,372,653	9,642,055	8,758,154	8,548,919
Total shipments	55,201,083	57,847,797	64,188,956	51,411,503	53,018,275
	Value *($1,000)*				
Shipments:					
Home market	7,392,668	6,422,016	7,572,244	6,101,800	6,379,294
Exports to:					
United States	1,029,206	884,340	1,728,724	1,260,135	1,282,523
All other markets	984,692	1,033,506	1,345,506	1,492,709	1,416,459
Total exports	2,013,898	1,917,845	3,074,230	2,752,845	2,698,982
Total commercial shipments	9,406,566	8,339,861	10,646,474	8,854,645	9,078,276
	Unit value *(per short ton)*				
Shipments:					
Home market	$403	$364	$404	$433	$428
Exports to:					
United States	319	292	343	343	355
All other markets	278	238	292	293	287
Total exports	297	260	319	314	316
Total commercial shipments	375	333	375	387	387
	Ratios and shares *(percent)*				
Capacity utilization	86.6	83.2	90.2	92.3	92.8
Inventories/production	5.2	4.5	3.8	3.8	3.7
Inventories/shipments	5.2	4.4	3.8	3.8	3.7
Share of total shipment quantity:					
Internal consumption/transfers	54.5	56.8	55.8	55.5	55.7
Home market	33.2	30.5	29.2	27.4	28.1
Exports to:					
United States	5.9	5.2	7.8	7.1	6.8
All other markets	6.4	7.5	7.2	9.9	9.3
Total exports	12.3	12.7	15.0	17.0	16.1

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-3
Tin: Data for producers in covered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	8,506,347	8,410,211	7,953,954	7,920,512	7,952,950
Production	7,704,423	7,407,721	7,202,815	7,190,216	7,200,342
End-of-period-inventories	501,392	527,285	474,324	458,232	447,669
Shipments:					
Internal consumption/transfers	183,183	133,367	121,582	111,055	110,386
Home market	3,148,037	3,046,604	2,900,928	2,950,249	2,969,151
Exports to:					
United States	340,051	342,568	180,146	260,940	278,791
All other markets	4,041,374	3,935,479	4,066,731	3,889,564	3,869,578
Total exports	4,381,425	4,278,047	4,246,877	4,150,504	4,148,369
Total shipments	7,712,645	7,458,018	7,269,387	7,211,808	7,227,906
	Value *($1,000)*				
Shipments:					
Home market	1,930,704	1,742,821	1,662,797	1,730,407	1,749,087
Exports to:					
United States	189,018	188,273	105,868	150,727	160,777
All other markets	2,041,001	1,963,002	2,018,750	2,057,036	2,316,976
Total exports	2,230,019	2,151,274	2,124,617	2,207,763	2,477,753
Total commercial shipments	4,160,723	3,894,095	3,787,414	3,938,170	4,226,840
	Unit value *(per short ton)*				
Shipments:					
Home market	$613	$572	$573	$587	$589
Exports to:					
United States	556	550	588	578	577
All other markets	505	499	496	529	599
Total exports	509	503	500	532	597
Total commercial shipments	553	532	530	555	594
	Ratios and shares *(percent)*				
Capacity utilization	90.6	88.1	90.6	90.8	90.5
Inventories/production	6.5	7.1	6.6	6.4	6.2
Inventories/shipments	6.5	7.1	6.5	6.4	6.2
Share of total shipment quantity:					
Internal consumption/transfers	2.4	1.8	1.7	1.5	1.5
Home market	40.8	40.9	39.9	40.9	41.1
Exports to:					
United States	4.4	4.6	2.5	3.6	3.9
All other markets	52.4	52.8	55.9	53.9	53.5
Total exports	56.8	57.4	58.4	57.6	57.4

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-4
Tin: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	2,029,755	2,107,061	2,274,535	2,119,943	2,300,173
Production	1,859,485	1,838,336	1,862,435	2,031,752	2,179,899
End-of-period-inventories	144,308	159,454	136,609	48,184	43,774
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total shipments	***	***	***	***	***
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	91.6	87.2	81.9	95.8	94.8
Inventories/production	7.8	8.7	7.3	2.4	2.0
Inventories/shipments	***	***	***	***	***
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-5
Slabs: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	198,515,468	191,973,431	194,877,391	195,621,316	195,033,762
Production	182,667,606	173,473,209	183,419,150	183,495,744	183,177,120
End-of-period-inventories	2,843,408	2,663,350	3,075,775	2,686,996	2,411,239
Shipments:					
Internal consumption/transfers	169,248,222	158,933,590	167,329,539	170,187,015	170,135,635
Home market	4,074,355	4,323,129	3,673,016	3,379,060	3,359,851
Exports to:					
United States	2,824,187	3,394,264	2,770,250	2,283,699	2,069,686
All other markets	7,040,017	8,653,181	10,805,818	9,613,750	9,667,705
Total exports	9,864,204	12,047,445	13,576,069	11,897,448	11,737,391
Total shipments	183,186,781	175,304,164	184,578,623	185,463,523	185,232,877
	Value *($1,000)*				
Shipments:					
Home market	758,699	652,126	621,043	640,143	608,463
Exports to:					
United States	555,884	563,659	635,337	478,873	419,962
All other markets	1,271,667	1,412,054	2,203,272	1,976,344	1,918,428
Total exports	1,827,551	1,975,713	2,838,609	2,455,218	2,338,390
Total commercial shipments	2,586,250	2,627,839	3,459,652	3,095,361	2,946,853
	Unit value *(per short ton)*				
Shipments:					
Home market	$186	$151	$169	$189	$181
Exports to:					
United States	197	166	229	210	203
All other markets	181	163	204	206	198
Total exports	185	164	209	206	199
Total commercial shipments	186	161	201	203	195
	Ratios and shares *(percent)*				
Capacity utilization	92.0	90.4	94.1	93.8	93.9
Inventories/production	1.6	1.5	1.7	1.5	1.3
Inventories/shipments	1.6	1.5	1.7	1.4	1.3
Share of total shipment quantity:					
Internal consumption/transfers	92.4	90.7	90.7	91.8	91.8
Home market	2.2	2.5	2.0	1.8	1.8
Exports to:					
United States	1.5	1.9	1.5	1.2	1.1
All other markets	3.8	4.9	5.9	5.2	5.2
Total exports	5.4	6.9	7.4	6.4	6.3

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of slabs.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-6
Slabs: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	22,718,853	25,079,220	25,053,834	20,229,159	20,229,159
Production	20,557,786	21,426,399	23,351,632	19,280,193	19,522,034
End-of-period-inventories	922,704	994,417	592,202	478,408	478,408
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total shipments	***	***	***	***	***
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	90.5	85.4	93.2	95.3	96.5
Inventories/production	4.5	4.6	2.5	2.5	2.5
Inventories/shipments	***	***	***	***	***
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-7
Plate: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	23,303,485	23,956,597	23,902,780	23,961,841	23,961,841
Production	20,517,628	21,645,512	21,929,401	22,127,986	22,226,293
End-of-period-inventories	1,082,893	1,112,240	985,325	1,025,831	1,065,690
Shipments:					
Internal consumption/transfers	1,223,129	2,198,366	2,230,527	2,134,134	2,130,098
Home market	14,504,692	14,190,579	13,869,610	14,016,186	14,079,945
Exports to:					
United States	146,923	270,538	96,716	131,712	138,349
All other markets	4,626,866	5,329,619	6,623,805	6,617,448	6,648,042
Total exports	4,773,789	5,600,156	6,720,520	6,749,160	6,786,391
Total shipments	20,501,610	21,989,102	22,820,658	22,899,480	22,996,434
	Value *($1,000)*				
Shipments:					
Home market	5,053,066	4,439,465	4,426,836	4,566,284	4,576,508
Exports to:					
United States	65,061	108,649	37,254	55,181	61,373
All other markets	1,478,782	1,671,032	2,012,099	2,054,351	2,069,446
Total exports	1,543,844	1,779,681	2,049,353	2,109,532	2,130,819
Total commercial shipments	6,596,910	6,219,147	6,476,189	6,675,817	6,707,327
	Unit value *(per short ton)*				
Shipments:					
Home market	$348	$313	$319	$326	$325
Exports to:					
United States	443	402	385	419	444
All other markets	320	314	304	310	311
Total exports	323	318	305	313	314
Total commercial shipments	342	314	315	321	321
	Ratios and shares *(percent)*				
Capacity utilization	88.0	90.4	91.7	92.3	92.8
Inventories/production	5.3	5.1	4.5	4.6	4.8
Inventories/shipments	5.3	5.1	4.3	4.5	4.6
Share of total shipment quantity:					
Internal consumption/transfers	6.0	10.0	9.8	9.3	9.3
Home market	70.7	64.5	60.8	61.2	61.2
Exports to:					
United States	0.7	1.2	0.4	0.6	0.6
All other markets	22.6	24.2	29.0	28.9	28.9
Total exports	23.3	25.5	29.4	29.5	29.5

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of plate.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-8
Plate: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	2,888,316	3,157,277	3,137,277	2,142,323	2,164,369
Production	1,892,261	2,197,782	2,026,534	1,733,315	1,628,511
End-of-period-inventories	128,585	91,167	81,695	55,412	63,348
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total shipments	***	***	***	***	***
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	65.5	69.6	64.6	80.9	75.2
Inventories/production	6.8	4.1	4.0	3.2	3.9
Inventories/shipments	***	***	***	***	***
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-9
Hot-rolled: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**April 2003-March 2004**	**April 2004-March 2005**
	Quantity *(short tons)*				
Capacity	166,093,701	162,996,137	163,481,348	165,849,289	166,847,638
Production	152,619,983	145,168,196	154,577,582	153,312,969	154,122,599
End-of-period-inventories	3,136,982	3,118,090	3,074,684	2,719,193	2,614,502
Shipments:					
Internal consumption/transfers	90,482,233	84,900,320	91,451,384	92,186,228	91,949,457
Home market	35,918,196	35,331,908	36,568,844	37,498,485	38,231,971
Exports to:					
United States	2,031,266	1,087,782	1,687,606	1,858,361	1,859,230
All other markets	24,107,959	24,244,763	24,939,136	22,146,866	22,205,630
Total exports	26,139,225	25,332,545	26,626,742	24,005,227	24,064,860
Total shipments	152,539,654	145,564,773	154,646,970	153,689,940	154,246,288
	Value *($1,000)*				
Shipments:					
Home market	10,773,736	9,241,802	10,652,453	11,309,067	11,503,725
Exports to:					
United States	600,182	307,008	527,397	610,205	612,728
All other markets	5,986,443	5,050,318	6,553,790	6,236,765	6,219,879
Total exports	6,586,625	5,357,326	7,081,187	6,846,970	6,832,607
Total commercial shipments	17,360,361	14,599,128	17,733,640	18,156,037	18,336,332
	Unit value *(per short ton)*				
Shipments:					
Home market	$300	$262	$291	$302	$301
Exports to:					
United States	295	282	313	328	330
All other markets	248	208	263	282	280
Total exports	252	211	266	285	284
Total commercial shipments	280	241	281	295	294
	Ratios and shares *(percent)*				
Capacity utilization	91.9	89.1	94.6	92.4	92.4
Inventories/production	2.1	2.1	2.0	1.8	1.7
Inventories/shipments	2.1	2.1	2.0	1.8	1.7
Share of total shipment quantity:					
Internal consumption/transfers	59.3	58.3	59.1	60.0	59.6
Home market	23.5	24.3	23.6	24.4	24.8
Exports to:					
United States	1.3	0.7	1.1	1.2	1.2
All other markets	15.8	16.7	16.1	14.4	14.4
Total exports	17.1	17.4	17.2	15.6	15.6

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of hot-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-10
Hot-rolled: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	**April 2001-March 2002**	**April 2002-March 2003**	**April 2003-March 2004**	**April 2004-March 2005**
	Quantity *(short tons)*				
Capacity	22,075,662	23,921,753	25,167,034	18,685,814	19,060,596
Production	19,709,156	20,716,132	23,517,888	17,857,400	17,873,488
End-of-period-inventories	973,795	712,560	878,243	559,831	566,996
Shipments:					
Internal consumption/transfers	9,324,641	9,903,806	10,863,797	9,389,890	9,773,877
Home market	8,826,321	8,634,545	9,359,803	6,057,823	5,932,504
Exports to:					
United States	659,246	899,663	1,409,383	406,392	439,034
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total shipments	***	***	***	***	***
	Value *($1,000)*				
Shipments:					
Home market	2,764,816	2,307,711	2,964,443	2,064,489	2,003,673
Exports to:					
United States	217,189	233,940	445,153	145,107	164,456
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	$313	$267	$317	$341	$338
Exports to:					
United States	329	260	316	357	375
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	89.3	86.6	93.4	95.6	93.8
Inventories/production	4.9	3.4	3.7	3.1	3.2
Inventories/shipments	***	***	***	***	***
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-11
Cold-rolled: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	84,609,457	85,024,651	85,123,854	85,223,218	84,399,015
Production	77,030,205	71,768,660	77,731,719	76,634,672	76,827,549
End-of-period-inventories	2,284,450	2,131,484	1,868,637	1,694,649	1,629,782
Shipments:					
Internal consumption/transfers	43,997,048	42,617,384	46,764,343	46,982,374	47,982,071
Home market	17,270,098	15,874,596	17,137,213	17,132,790	16,661,284
Exports to:					
United States	2,076,933	1,356,681	480,529	465,694	438,318
All other markets	13,369,922	12,079,284	13,607,494	12,228,977	11,814,771
Total exports	15,446,855	13,435,965	14,088,023	12,694,671	12,253,089
Total shipments	76,714,001	71,927,945	77,989,579	76,809,835	76,896,444
	Value *($1,000)*				
Shipments:					
Home market	7,249,359	5,764,109	6,636,154	6,686,764	6,530,587
Exports to:					
United States	754,620	469,898	211,773	215,082	214,269
All other markets	4,851,788	3,794,399	4,815,952	4,538,395	4,474,299
Total exports	5,606,409	4,264,297	5,027,725	4,753,477	4,688,568
Total commercial shipments	12,855,768	10,028,406	11,663,879	11,440,242	11,219,155
	Unit value *(per short ton)*				
Shipments:					
Home market	$420	$363	$387	$390	$392
Exports to:					
United States	364	347	443	462	489
All other markets	363	314	354	371	379
Total exports	363	317	357	374	383
Total commercial shipments	393	342	374	384	388
	Ratios and shares *(percent)*				
Capacity utilization	91.0	84.4	91.3	89.9	91.0
Inventories/production	3.0	3.0	2.4	2.2	2.1
Inventories/shipments	3.0	3.0	2.4	2.2	2.1
Share of total shipment quantity:					
Internal consumption/transfers	57.4	59.3	60.0	61.2	62.4
Home market	22.5	22.1	22.0	22.3	21.7
Exports to:					
United States	2.7	1.9	0.6	0.6	0.6
All other markets	17.4	16.8	17.4	15.9	15.4
Total exports	20.1	18.7	18.1	16.5	15.9

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of cold-rolled.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-12
Cold-rolled: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	11,112,891	11,805,177	11,957,540	9,921,870	10,392,773
Production	9,097,717	8,991,394	10,017,008	8,614,899	9,112,026
End-of-period-inventories	444,385	368,366	416,639	531,760	513,021
Shipments:					
Internal consumption/transfers	3,333,976	3,571,943	3,907,256	3,086,867	3,367,954
Home market	4,222,907	3,771,318	3,983,672	3,289,508	3,703,584
Exports to:					
United States	319,450	257,178	538,248	414,874	407,405
All other markets	1,161,037	1,411,145	1,495,851	1,534,616	1,641,822
Total exports	1,480,488	1,668,323	2,034,098	1,949,490	2,049,227
Total shipments	9,037,371	9,011,583	9,925,026	8,325,866	9,120,765
	Value *($1,000)*				
Shipments:					
Home market	1,815,922	1,445,641	1,687,177	1,443,957	1,517,679
Exports to:					
United States	121,125	80,963	227,511	191,617	186,436
All other markets	356,120	368,116	471,096	508,230	494,688
Total exports	477,245	449,079	698,607	699,847	681,124
Total commercial shipments	2,293,167	1,894,720	2,385,784	2,143,805	2,198,803
	Unit value *(per short ton)*				
Shipments:					
Home market	$430	$383	$424	$439	$410
Exports to:					
United States	379	315	423	462	458
All other markets	307	261	315	331	301
Total exports	322	269	343	359	332
Total commercial shipments	402	348	396	409	382
	Ratios and shares *(percent)*				
Capacity utilization	81.9	76.2	83.8	86.8	87.7
Inventories/production	4.9	4.1	4.2	6.2	5.6
Inventories/shipments	4.9	4.1	4.2	6.4	5.6
Share of total shipment quantity:					
Internal consumption/transfers	36.9	39.6	39.4	37.1	36.9
Home market	46.7	41.8	40.1	39.5	40.6
Exports to:					
United States	3.5	2.9	5.4	5.0	4.5
All other markets	12.8	15.7	15.1	18.4	18.0
Total exports	16.4	18.5	20.5	23.4	22.5

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-13
Coated: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	45,555,116	46,747,805	46,347,776	46,679,056	48,272,266
Production	42,401,397	41,367,285	45,080,626	45,694,461	46,085,055
End-of-period-inventories	2,461,430	2,519,119	2,435,457	2,371,771	2,287,597
Shipments:					
Internal consumption/transfers	4,241,755	4,259,561	4,748,208	4,310,817	7,686,464
Home market	22,144,982	22,129,659	22,941,423	23,462,127	22,206,724
Exports to:					
United States	867,090	655,415	714,920	591,757	571,401
All other markets	14,625,330	14,315,568	16,587,074	17,393,544	15,706,040
Total exports	15,492,420	14,970,983	17,301,994	17,985,301	16,277,441
Total shipments	41,879,157	41,360,203	44,991,625	45,758,245	46,170,629
	Value *($1,000)*				
Shipments:					
Home market	11,664,536	9,954,150	10,939,952	11,447,906	10,863,662
Exports to:					
United States	430,847	303,263	364,714	324,629	320,783
All other markets	6,340,668	5,438,068	7,233,276	8,169,534	7,070,855
Total exports	6,771,515	5,741,331	7,597,989	8,494,162	7,391,639
Total commercial shipments	18,436,051	15,695,480	18,537,941	19,942,068	18,255,301
	Unit value *(per short ton)*				
Shipments:					
Home market	$527	$450	$477	$488	$489
Exports to:					
United States	497	463	510	549	561
All other markets	434	380	436	470	450
Total exports	437	383	439	472	454
Total commercial shipments	490	423	461	481	474
	Ratios and shares *(percent)*				
Capacity utilization	93.1	88.5	97.3	97.9	95.5
Inventories/production	5.8	6.1	5.4	5.2	5.0
Inventories/shipments	5.9	6.1	5.4	5.2	5.0
Share of total shipment quantity:					
Internal consumption/transfers	10.1	10.3	10.6	9.4	16.6
Home market	52.9	53.5	51.0	51.3	48.1
Exports to:					
United States	2.1	1.6	1.6	1.3	1.2
All other markets	34.9	34.6	36.9	38.0	34.0
Total exports	37.0	36.2	38.5	39.3	35.3

[1] Although Brazil is generally excluded from the section 203 relief, it is a covered source with respect to imports of coated.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-14
Coated: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	4,796,250	4,918,307	5,026,683	4,661,156	4,813,029
Production	3,784,774	3,983,869	4,514,915	3,863,414	4,419,441
End-of-period-inventories	388,891	400,541	459,360	348,406	346,201
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	401,708	387,397	680,671	646,723	687,211
All other markets	402,179	396,747	401,449	382,220	461,312
Total exports	803,887	784,144	1,082,120	1,028,943	1,148,523
Total shipments	3,748,682	3,925,426	4,408,203	3,836,490	4,388,578
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	252,281	241,678	466,823	465,596	500,028
All other markets	193,991	164,146	182,927	178,126	218,514
Total exports	446,272	405,824	649,750	643,722	718,542
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	628	624	686	720	728
All other markets	482	414	456	466	474
Total exports	555	518	600	626	626
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	78.9	81.0	89.8	82.9	91.8
Inventories/production	10.3	10.1	10.2	9.0	7.8
Inventories/shipments	10.4	10.2	10.4	9.1	7.9
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	10.7	9.9	15.4	16.9	15.7
All other markets	10.7	10.1	9.1	10.0	10.5
Total exports	21.4	20.0	24.5	26.8	26.2

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

LONG STEEL

Table G-15
Hot bar: Data for producers in covered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	7,525,906	7,481,706	7,414,106	7,440,706	7,482,406
Production	6,579,220	5,796,923	6,323,998	6,297,465	6,360,693
End-of-period-inventories	251,113	223,741	210,651	216,144	214,859
Shipments:					
Internal consumption/transfers	453,552	457,410	388,302	400,384	417,444
Home market	4,446,141	3,916,146	4,184,135	4,140,338	4,171,371
Exports to:					
United States	243,522	215,075	229,902	210,518	212,318
All other markets	1,707,827	1,415,438	1,732,751	1,735,733	1,755,845
Total exports	1,951,349	1,630,513	1,962,653	1,946,251	1,968,163
Total shipments	6,851,042	6,004,069	6,535,090	6,486,973	6,556,978
	Value *($1,000)*				
Shipments:					
Home market	1,888,008	1,522,416	1,621,406	1,694,803	1,709,075
Exports to:					
United States	110,518	99,304	105,236	96,392	97,652
All other markets	607,942	513,103	612,378	642,311	652,668
Total exports	718,460	612,407	717,614	738,703	750,320
Total commercial shipments	2,606,468	2,134,823	2,339,020	2,433,506	2,459,395
	Unit value *(per short ton)*				
Shipments:					
Home market	$462	$424	$426	$446	$446
Exports to:					
United States	455	463	458	458	460
All other markets	369	379	374	390	391
Total exports	380	391	384	398	399
Total commercial shipments	436	414	412	430	431
	Ratios and shares *(percent)*				
Capacity utilization	87.4	77.5	85.3	84.6	85.0
Inventories/production	3.8	3.9	3.3	3.4	3.4
Inventories/shipments	3.7	3.7	3.2	3.3	3.3
Share of total shipment quantity:					
Internal consumption/transfers	6.6	7.6	5.9	6.2	6.4
Home market	64.9	65.2	64.0	63.8	63.6
Exports to:					
United States	3.6	3.6	3.5	3.2	3.2
All other markets	24.9	23.6	26.5	26.8	26.8
Total exports	28.5	27.2	30.0	30.0	30.0

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-16
Hot bar: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	3,417,243	3,413,046	3,429,366	2,677,761	2,683,455
Production	2,315,592	2,184,042	2,258,168	1,622,678	1,679,630
End-of-period-inventories	283,124	295,592	331,133	290,443	312,856
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	793,888	631,220	730,098	589,775	618,412
All other markets	263,602	347,353	223,928	136,009	139,209
Total exports	1,057,490	978,573	954,026	725,784	757,621
Total shipments	2,329,659	2,166,065	2,244,099	1,613,149	1,657,217
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	299,393	243,334	296,827	232,139	245,654
All other markets	98,002	113,963	82,078	33,248	34,853
Total exports	397,395	357,297	378,905	265,387	280,507
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	377	385	407	422	425
All other markets	372	328	367	504	504
Total exports	376	365	397	431	433
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	67.8	64.0	65.8	60.6	62.6
Inventories/production	12.2	13.5	14.7	17.9	18.6
Inventories/shipments	12.2	13.6	14.8	18.0	18.9
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	34.1	29.1	32.5	36.6	37.3
All other markets	11.3	16.0	10.0	8.4	8.4
Total exports	45.4	45.2	42.5	45.0	45.7

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-17
Cold bar: Data for producers in covered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	826,506	833,616	776,016	787,116	802,116
Production	772,140	728,392	672,047	675,857	698,673
End-of-period-inventories	14,976	9,156	10,083	8,906	6,241
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	67,238	63,957	32,060	41,771	42,081
All other markets	293,328	290,252	273,506	274,183	283,290
Total exports	360,566	354,209	305,566	315,954	325,371
Total shipments	768,969	734,212	662,036	677,033	701,338
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	50,388	52,149	29,527	30,588	31,153
All other markets	158,793	160,884	155,953	156,729	162,325
Total exports	209,181	213,033	185,480	187,317	193,478
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	749	815	921	732	740
All other markets	549	562	578	580	581
Total exports	587	608	615	600	602
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	93.4	87.4	86.6	85.9	87.1
Inventories/production	1.9	1.3	1.5	1.3	0.9
Inventories/shipments	1.9	1.2	1.5	1.3	0.9
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	8.7	8.7	4.8	6.2	6.0
All other markets	38.1	39.5	41.3	40.5	40.4
Total exports	46.9	48.2	46.2	46.7	46.4

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-18
Cold bar: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

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Table G-19
Rebar: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	5,839,858	5,634,504	5,912,143	4,071,522	4,071,522
Production	4,374,541	4,932,055	5,335,916	3,549,393	3,539,393
End-of-period-inventories	126,874	213,886	220,958	240,506	240,176
Shipments:					
Internal consumption/transfers	217,401	3,758	62,567	2,653	2,653
Home market	1,124,397	705,885	931,093	918,276	918,276
Exports to:					
United States	229,843	118,816	79,057	40,000	50,000
All other markets	1,651,934	2,325,039	2,579,126	2,489,794	2,489,794
Total exports	1,881,777	2,443,855	2,658,183	2,529,794	2,539,794
Total shipments	3,223,575	3,153,498	3,651,842	3,450,723	3,460,723
	Value *($1,000)*				
Shipments:					
Home market	227,943	148,598	222,884	232,638	232,638
Exports to:					
United States	41,393	29,678	17,707	10,800	13,400
All other markets	334,919	482,440	571,423	624,880	624,880
Total exports	376,312	512,118	589,130	635,680	638,280
Total commercial shipments	604,255	660,716	812,014	868,318	870,918
	Unit value *(per short ton)*				
Shipments:					
Home market	$203	$211	$239	$253	$253
Exports to:					
United States	180	250	224	270	268
All other markets	203	207	222	251	251
Total exports	200	210	222	251	251
Total commercial shipments	201	210	226	252	252
	Ratios and shares *(percent)*				
Capacity utilization	74.9	87.5	90.3	87.2	86.9
Inventories/production	2.9	4.3	4.1	6.8	6.8
Inventories/shipments	3.9	6.8	6.1	7.0	6.9
Share of total shipment quantity:					
Internal consumption/transfers	6.7	0.1	1.7	0.1	0.1
Home market	34.9	22.4	25.5	26.6	26.5
Exports to:					
United States	7.1	3.8	2.2	1.2	1.4
All other markets	51.2	73.7	70.6	72.2	71.9
Total exports	58.4	77.5	72.8	73.3	73.4

[1] Although Moldova, Turkey, and Venezuela are generally excluded from the section 203 relief, they are covered sources with respect to imports of rebar.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-20
Rebar: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	4,404,212	4,343,212	4,379,962	3,975,757	4,000,598
Production	1,949,211	2,045,857	2,116,121	2,034,819	2,139,676
End-of-period-inventories	160,875	77,395	91,712	61,005	61,473
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total shipments	***	***	***	***	***
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	44.3	47.1	48.3	51.2	53.5
Inventories/production	8.3	3.8	4.3	3.0	2.9
Inventories/shipments	***	***	***	***	***
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	***	***	***	***	***
All other markets	***	***	***	***	***
Total exports	***	***	***	***	***

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

TUBULAR STEEL

Table G-21
Welded: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	7,554,569	7,569,593	7,760,639	7,815,455	7,815,455
Production	6,207,009	6,445,927	6,660,236	6,788,679	6,819,279
End-of-period-inventories	403,137	338,429	323,490	404,659	446,942
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	497,682	547,110	426,018	417,730	419,164
All other markets	1,604,674	2,230,829	2,664,682	2,783,376	2,884,498
Total exports	2,102,356	2,777,939	3,090,700	3,201,106	3,303,662
Total shipments	6,148,704	6,544,073	6,713,653	6,861,580	6,991,066
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	210,846	244,286	213,043	211,812	213,296
All other markets	769,702	1,177,096	1,273,995	1,452,919	1,508,088
Total exports	980,548	1,421,382	1,487,038	1,664,731	1,721,384
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	424	447	500	507	509
All other markets	480	528	478	522	523
Total exports	466	512	481	520	521
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	82.2	85.2	85.8	86.9	87.3
Inventories/production	6.5	5.3	4.9	6.0	6.6
Inventories/shipments	6.6	5.2	4.8	5.9	6.4
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	8.1	8.4	6.3	6.1	6.0
All other markets	26.1	34.1	39.7	40.6	41.3
Total exports	34.2	42.4	46.0	46.7	47.3

[1] Although Thailand is generally excluded from the section 203 relief, it is a covered source with respect to imports of welded pipe.

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-22
Welded: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	3,314,849	3,611,058	3,662,050	2,403,804	2,454,335
Production	1,655,096	1,908,786	2,021,101	1,899,085	2,003,415
End-of-period-inventories	118,338	145,150	182,114	120,650	124,576
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	257,628	343,442	364,876	244,225	261,486
All other markets	183,358	330,701	304,994	331,964	352,915
Total exports	440,987	674,142	669,870	576,189	614,401
Total shipments	1,678,793	1,888,024	1,978,557	1,861,040	1,976,944
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	146,746	185,908	210,749	144,900	155,466
All other markets	68,395	126,532	111,772	124,332	134,881
Total exports	215,141	312,440	322,521	269,232	290,347
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	570	541	578	593	595
All other markets	373	383	366	375	382
Total exports	488	463	481	467	473
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	49.9	52.9	55.2	79.0	81.6
Inventories/production	7.1	7.6	9.0	6.4	6.2
Inventories/shipments	7.0	7.7	9.2	6.5	6.3
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	15.3	18.2	18.4	13.1	13.2
All other markets	10.9	17.5	15.4	17.8	17.9
Total exports	26.3	35.7	33.9	31.0	31.1

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-23
Fittings: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2005

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Table G-24
Fittings: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

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STAINLESS STEEL

Table G-25
Stainless bar: Data for producers in covered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	428,505	431,066	438,614	451,089	467,814
Production	402,425	412,017	388,171	407,850	426,018
End-of-period-inventories	65,250	62,431	61,095	63,319	62,969
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	35,943	31,488	25,960	24,540	24,764
All other markets	211,742	222,793	217,458	230,923	246,491
Total exports	247,685	254,281	243,418	255,463	271,255
Total shipments	403,200	418,484	392,558	408,587	429,260
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	90,449	79,834	57,949	57,816	58,632
All other markets	523,047	504,957	481,435	507,758	527,728
Total exports	613,496	584,791	539,384	565,574	586,360
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	2,603	2,637	2,320	2,356	2,368
All other markets	2,470	2,266	2,214	2,199	2,141
Total exports	2,489	2,311	2,225	2,214	2,162
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	93.9	95.6	88.5	90.4	91.1
Inventories/production	16.2	15.2	15.7	15.5	14.8
Inventories/shipments	16.2	14.9	15.6	15.5	14.7
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	8.9	7.5	6.6	6.0	5.8
All other markets	52.5	53.2	55.4	56.5	57.4
Total exports	61.4	60.8	62.0	62.5	63.2

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-26
Stainless bar: Data for producers in noncovered countries, April 2000-March 2003, and projections for April 2003-March 2005

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Table G-27
Stainless rod: Data for producers in covered countries, April 2000-March 2003, and projections for April 2003-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	585,003	599,838	609,988	617,708	629,788
Production	527,983	455,173	531,689	543,668	554,666
End-of-period-inventories	19,918	20,608	24,493	23,296	23,591
Shipments:					
Internal consumption/transfers	53,312	55,485	60,097	61,983	62,917
Home market	165,642	133,957	154,358	157,202	160,093
Exports to:					
United States	33,944	30,077	20,898	22,829	18,541
All other markets	274,321	235,060	292,575	302,850	312,820
Total exports	308,265	265,137	313,473	325,679	331,361
Total shipments	527,219	454,579	527,927	544,864	554,372
	Value *($1,000)*				
Shipments:					
Home market	301,125	211,441	255,764	266,226	275,842
Exports to:					
United States	65,782	52,006	40,464	44,638	37,556
All other markets	522,372	362,548	526,503	561,977	579,524
Total exports	588,154	414,553	566,967	606,615	617,080
Total commercial shipments	889,279	625,994	822,731	872,841	892,922
	Unit value *(per short ton)*				
Shipments:					
Home market	$1,818	$1,578	$1,657	$1,694	$1,723
Exports to:					
United States	1,938	1,729	1,936	1,955	2,026
All other markets	1,904	1,542	1,800	1,856	1,853
Total exports	1,908	1,564	1,809	1,863	1,862
Total commercial shipments	1,876	1,569	1,759	1,808	1,817
	Ratios and shares *(percent)*				
Capacity utilization	90.3	75.9	87.2	88.0	88.1
Inventories/production	3.8	4.5	4.6	4.3	4.3
Inventories/shipments	3.8	4.5	4.6	4.3	4.3
Share of total shipment quantity:					
Internal consumption/transfers	10.1	12.2	11.4	11.4	11.3
Home market	31.4	29.5	29.2	28.9	28.9
Exports to:					
United States	6.4	6.6	4.0	4.2	3.3
All other markets	52.0	51.7	55.4	55.6	56.4
Total exports	58.5	58.3	59.4	59.8	59.8

Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

Table G-28
Stainless wire: Data for producers in covered countries,[1] April 2000-March 2003, and projections for April 2003-March 2004, and April 2004-March 2005

Item	Actual experience			Projections	
	April 2000-March 2001	April 2001-March 2002	April 2002-March 2003	April 2003-March 2004	April 2004-March 2005
	Quantity *(short tons)*				
Capacity	60,909	57,214	57,270	57,711	58,031
Production	54,370	48,121	49,773	52,318	53,039
End-of-period-inventories	3,542	3,187	3,451	3,308	2,987
Shipments:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	5,064	4,037	2,810	2,069	2,242
All other markets	24,536	22,053	23,100	27,871	28,982
Total exports	29,600	26,090	25,911	29,940	31,224
Total shipments	56,564	50,244	50,171	52,710	53,360
	Value *($1,000)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	7,739	6,366	6,899	7,490	8,093
All other markets	78,474	54,114	67,860	90,745	93,107
Total exports	86,213	60,480	74,760	98,235	101,200
Total commercial shipments	***	***	***	***	***
	Unit value *(per short ton)*				
Shipments:					
Home market	***	***	***	***	***
Exports to:					
United States	3,020	2,807	3,211	3,620	3,609
All other markets	3,198	2,454	2,938	3,256	3,213
Total exports	3,181	2,487	2,961	3,281	3,241
Total commercial shipments	***	***	***	***	***
	Ratios and shares *(percent)*				
Capacity utilization	89.3	84.1	86.9	90.7	91.4
Inventories/production	6.5	6.6	6.9	6.3	5.6
Inventories/shipments	6.3	6.3	6.9	6.3	5.6
Share of total shipment quantity:					
Internal consumption/transfers	***	***	***	***	***
Home market	***	***	***	***	***
Exports to:					
United States	9.0	8.0	5.6	3.9	4.2
All other markets	43.4	43.9	46.0	52.9	54.3
Total exports	52.3	51.9	51.6	56.8	58.5

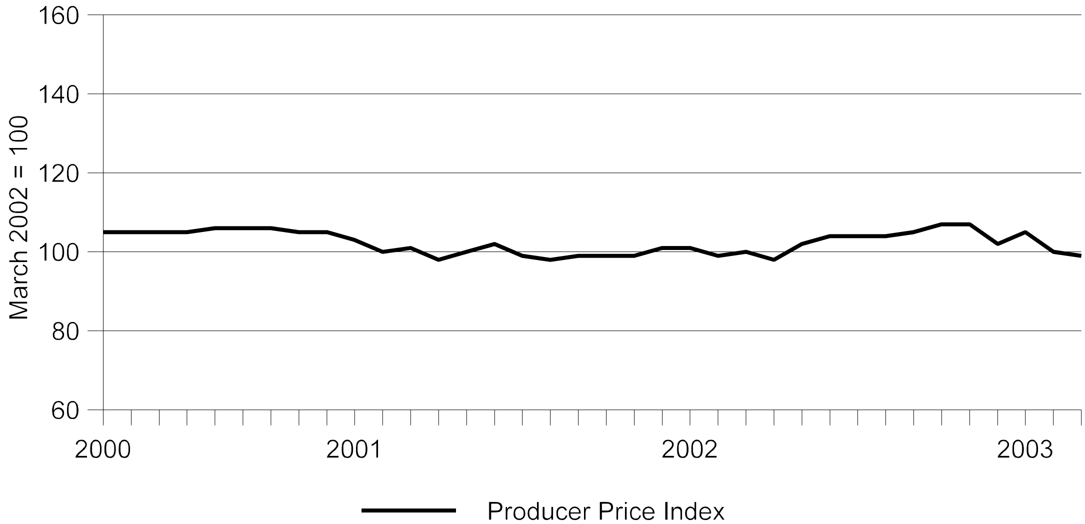
Note–Because of rounding, figures may not add to the totals shown.

Source: Compiled from data submitted in response to Commission questionnaires.

APPENDIX H

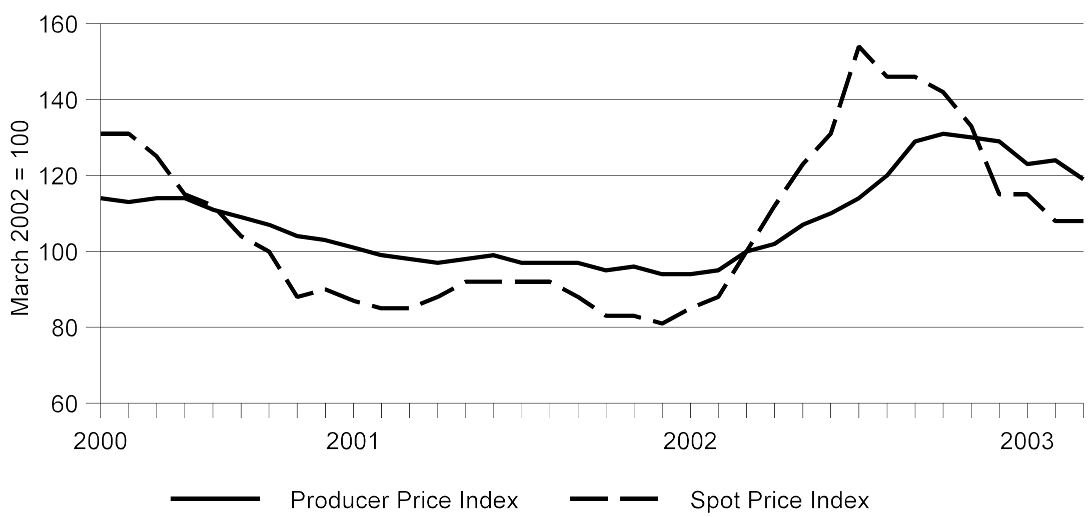
PUBLIC PRICE DATA

Figure H-1
Index of U.S. prices for carbon plates, April 2000-March 2003



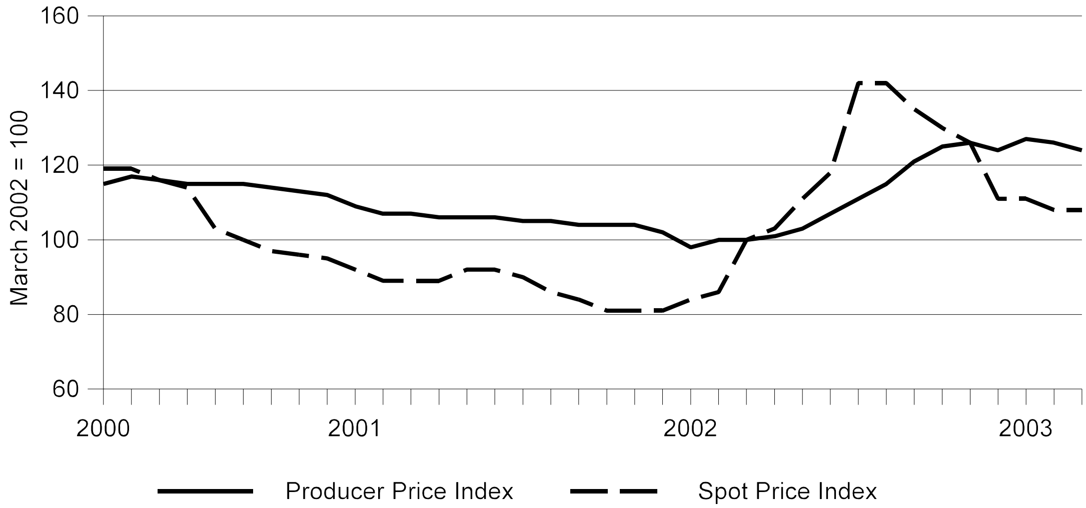
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU1070412.

Figure H-2
Index of U.S. prices for sheets, hot-rolled, carbon, April 2000-March 2003



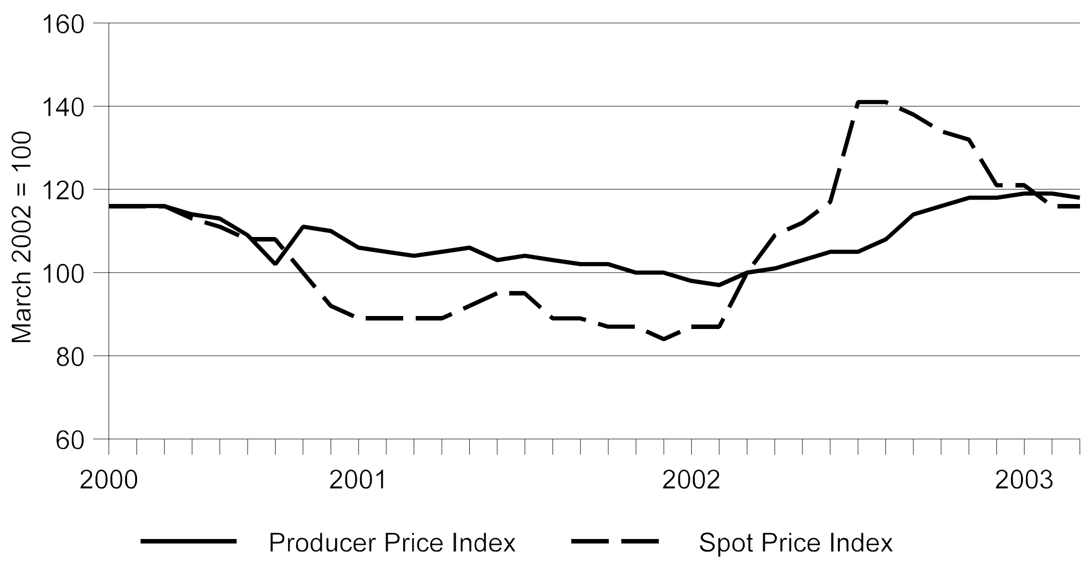
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170311 and Purchasing Magazine.

Figure H-3
Index of U.S. prices for sheets, cold-rolled, carbon, April 2000-March 2003



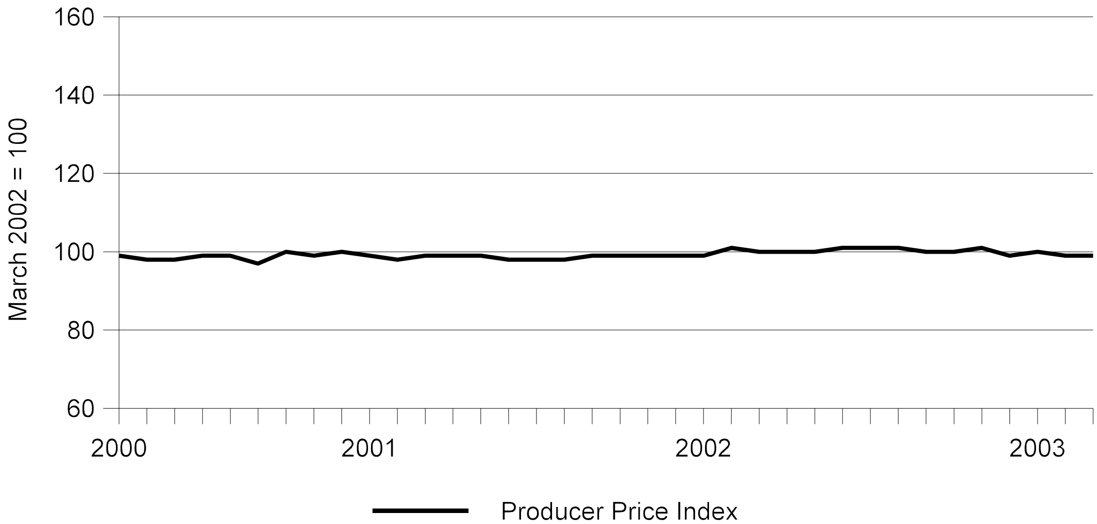
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170711 and Purchasing Magazine.

Figure H-4
Index of U.S. prices for sheets and strip, hot-dipped galvanized, April 2000-March 2003



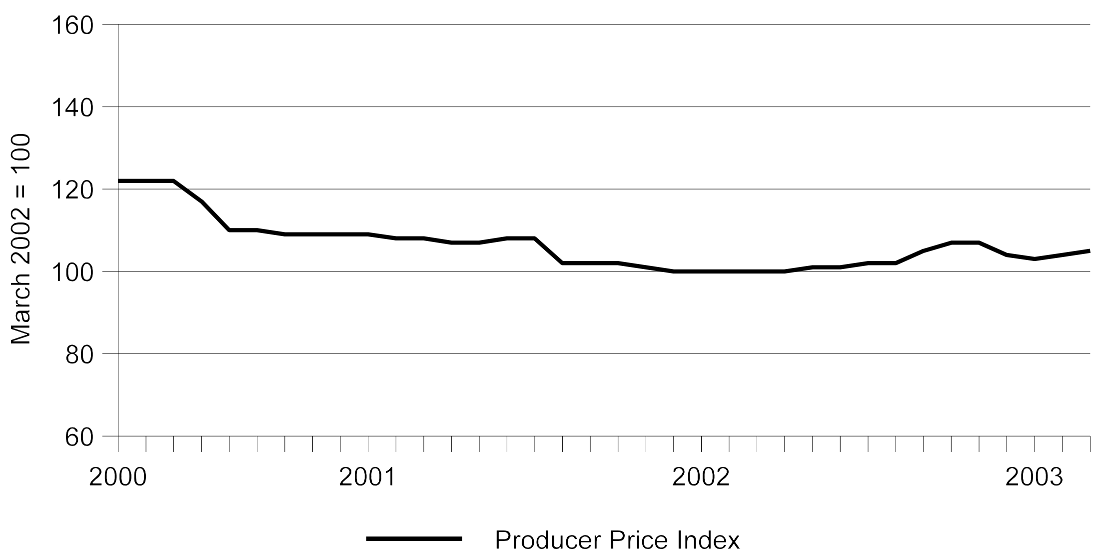
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170313 and Purchasing Magazine.

Figure H-5
Index of U.S. prices for tinplate, April 2000-March 2003



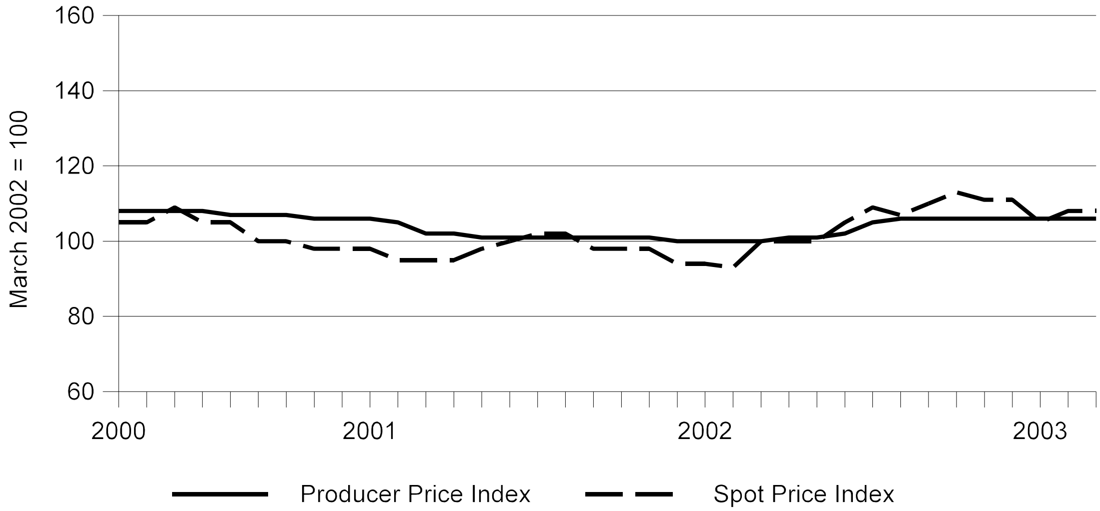
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170326.

Figure H-6
Index of U.S. prices for bars, light structurals, carbon, April 2000-March 2003



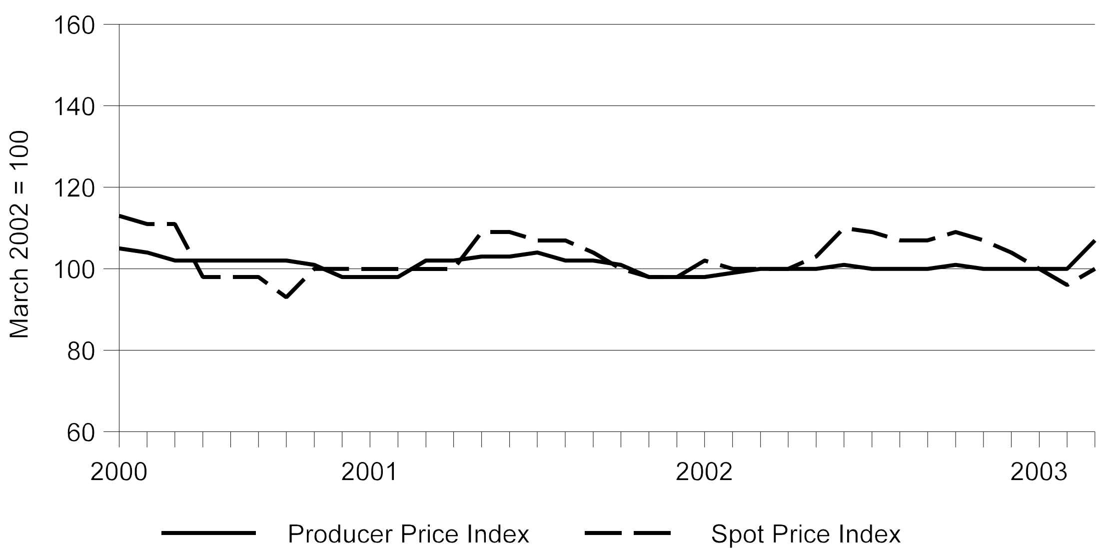
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170424.

Figure H-7
Index of U.S. prices for bars, cold-finished, carbon, April 2000-March 2003



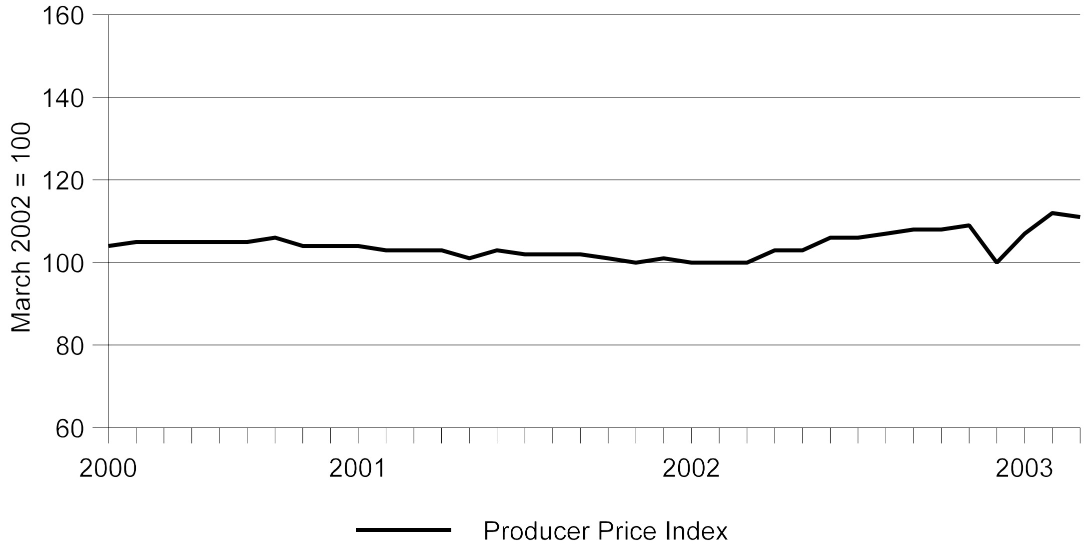
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170811 and Purchasing Magazine.

Figure H-8
Index of U.S. prices for concrete reinforcing bars, carbon, April 2000-March 2003



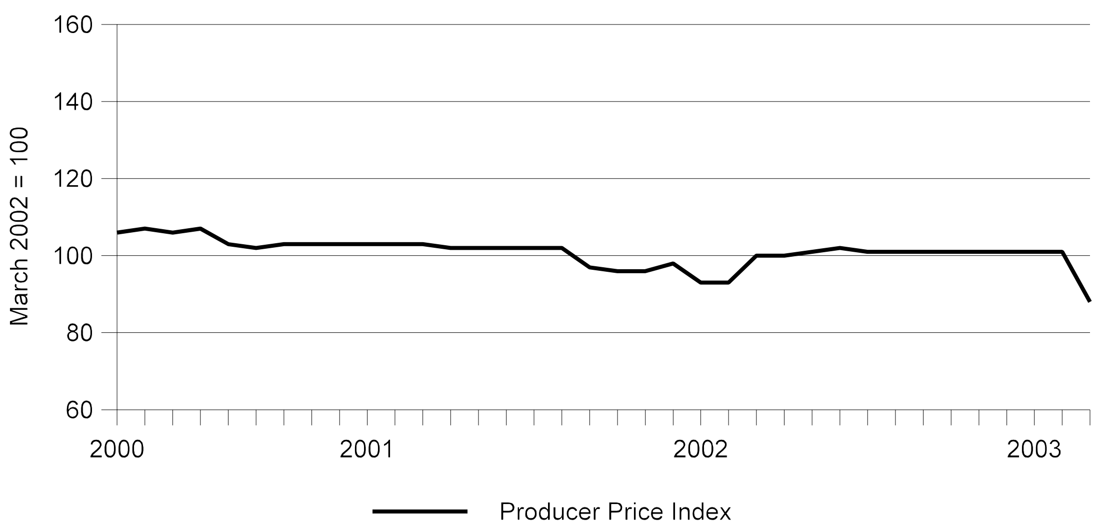
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170425 and Purchasing Magazine.

Figure H-9
Index of U.S. prices for steel pipe and tube, April 2000-March 2003



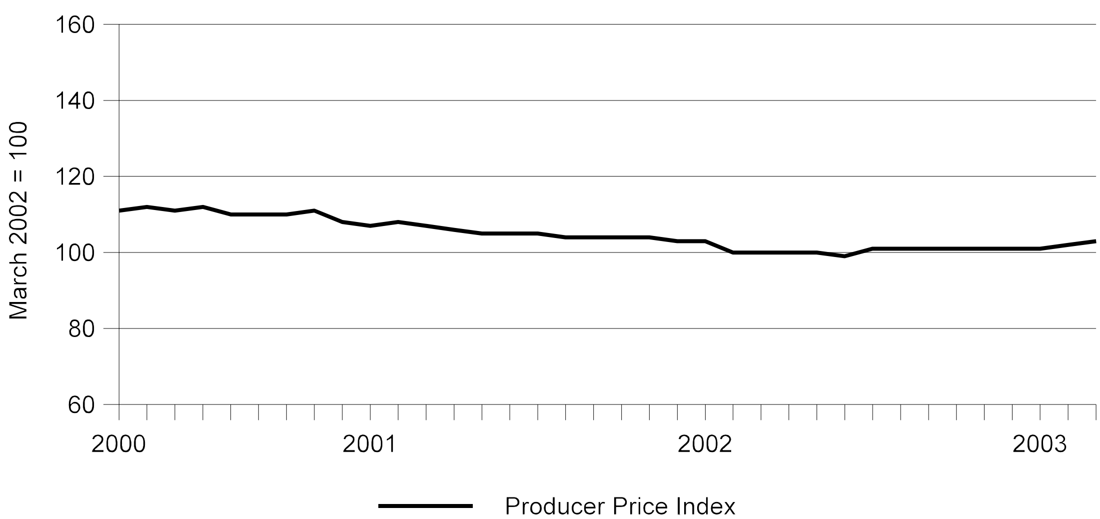
Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series PCU3317#(N).

Figure H-10
Index of U.S. prices for bars, hot-rolled, stainless, April 2000-March 2003



Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170461.

Figure H-11
Index of U.S. prices for wire, stainless, April 2000-March 2003



Source: Official statistics of the U.S. Bureau of Labor Statistics, Producer Price Index, Series WPU10170551.