

**PRODUCTION SHARING: U.S. IMPORTS UNDER
HARMONIZED TARIFF SCHEDULE SUBHEADINGS
9802.00.60 AND 9802.00.80, 1987-1990**



**USITC Publication 2469
December 1991**

United States International Trade Commission, Washington, DC 20436

1977
T77

UNITED STATES INTERNATIONAL TRADE COMMISSION

COMMISSIONERS

Don E. Newquist, Chairman
Anne E. Brunsdale, Vice Chairman
David B. Rohr
Carol T. Crawford
Janet A. Nuzum
Peter S. Watson

Office of Operations
Charles W. Ervin, Director

Office of Industries
Robert A. Rogowsky, Director

This report was prepared principally by

Hazel L. Robinson, Project Leader
Phyllis Boone
Janice Wayne
Brenda Young

*with assistance from
the Office of Information Resources Management and
the Office of Tariff Affairs and Trade Agreements*

under the direction of
Walter S. Trezevant, Division Chief
Ralph J. Watkins, Branch Chief

General Manufactures Division

**Address all communications to
Kenneth R. Mason, Secretary to the Commission
United States International Trade Commission
Washington, DC 20436**

PREFACE

On May 22, 1989, on its own motion and in accordance with section 332(b) of the Tariff Act of 1930 (19 U.S.C. 1322(b)), the U.S. International Trade Commission authorized continuation of investigation No. 332-237 (originally instituted on August 19, 1986) to annually present and analyze statistical data on imports under Harmonized Tariff Schedule (HTS) subheading 9802.00.60 (articles of metal of U.S. origin processed in a foreign location and returned for further U.S. processing) and heading 9802.00.80 (goods containing U.S.-made components). The current report presents historical import data (1970-90) under these HTS provisions and provides highlights of trends during the most current 4-year period (1987-90) on a product and country-specific basis.



CONTENTS

	<i>Page</i>
Preface	i
Highlights	1
Trends in imports under HTS subheading 9802.00.60	1
Principal products	1
Principal sources	1
Trends in imports under HTS heading 9802.00.80	1
Principal products	2
Principal sources	2
Appendixes	
A. Customs treatment of HTS subheading 9802.00.60 and heading 9802.00.80	A-1
Explanation of and background to HTS subheading 9802.00.60 and heading 9802.00.80	A-2
Customs practices	A-6
Subheading 9802.00.60	A-6
Heading 9802.00.80	A-6
Problems of Customs administration	A-9
Legislative history	A-10
B. Statistical Tables	B-1
Tables	
B-1. U.S. imports for consumption under HTS subheading 9802.00.60 and heading 9802.00.80, 1970-90	B-2
B-2. U.S. imports for consumption under HTS subheading 9802.00.60: Value and share of total, by principal sources, 1987-90	B-3
B-3. U.S. imports for consumption under HTS subheading 9802.00.60, by commodity groups, 1987-90	B-7
B-4. U.S. imports for consumption from Canada under HTS subheading 9802.00.60, by commodity groups, 1990	B-11
B-5. U.S. imports for consumption from Mexico under HTS subheading 9802.00.60, by commodity groups, 1990	B-12
B-6. U.S. imports for consumption under HTS subheading 9802.00.60, by principal sources, 1990	B-13
B-7. U.S. imports for consumption from Japan under HTS subheading 9802.00.60, by commodity groups, 1990	B-13
B-8. U.S. imports for consumption from Germany under HTS subheading 9802.00.60, by commodity groups, 1990	B-14
B-9. U.S. imports for consumption from France under HTS subheading 9802.00.60, by commodity groups, 1990	B-14
B-10. U.S. imports for consumption from the Dominican Republic under HTS subheading 9802.00.60, by commodity groups, 1990	B-15
B-11. U.S. imports for consumption from Korea under HTS subheading 9802.00.60, by commodity groups, 1990	B-15
B-12. U.S. imports for consumption from Taiwan under HTS subheading 9802.00.60, by commodity groups, 1990	B-15
B-13. U.S. imports for consumption from the United Kingdom under HTS subheading 9802.00.60, by commodity groups, 1990	B-16
B-14. U.S. imports for consumption from Greece under HTS subheading 9802.00.60, by commodity groups, 1990	B-16
B-15. U.S. imports for consumption under HTS heading 9802.00.80: Value and share of total, by principal sources, 1987-90	B-17

CONTENTS—Continued

	<i>Page</i>
Tables—Continued	
B-16. U.S. imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90	B-21
B-17. U.S. imports for consumption from Canada under HTS heading 9802.00.80, by commodity groups, 1990	B-29
B-18. U.S. imports for consumption from Mexico under HTS heading 9802.00.80, by commodity groups, 1990	B-32
B-19. U.S. imports for consumption under HTS heading 9802.00.80, by principal sources, 1990	B-35
B-20. U.S. imports for consumption from Japan under HTS heading 9802.00.80, by commodity groups, 1990	B-36
B-21. U.S. imports for consumption from Germany under HTS heading 9802.00.80, by commodity groups, 1990	B-38
B-22. U.S. imports for consumption from Korea under HTS heading 9802.00.80, by commodity groups, 1990	B-40
B-23. U.S. imports for consumption from Sweden under HTS heading 9802.00.80, by commodity groups, 1990	B-42
B-24. U.S. imports for consumption from the United Kingdom under HTS heading 9802.00.80, by commodity groups, 1990	B-43
B-25. U.S. imports for consumption from Malaysia under HTS heading 9802.00.80, by commodity groups, 1990	B-45
B-26. U.S. imports for consumption from Singapore under HTS heading 9802.00.80, by commodity groups, 1990	B-46
B-27. U.S. imports for consumption from France under HTS heading 9802.00.80, by commodity groups, 1990	B-47
Adjustments made to census reported 9802.00.60 and 9802.00.80 statistics in 1990	B-48

Highlights

Trends in Imports Under HTS Subheading 9802.00.60

- HTS subheading 9802.00.60 sets forth tariff treatment for articles of certain metal of U.S. origin processed in a foreign location and returned to the United States for further processing. Duty is applied on the value added by the foreign processing.
- Imports under HTS subheading 9802.00.60 increased by 45 percent between 1987 and 1990, from \$954 million to \$1.4 billion (tables B-1 and B-2). Despite the increased use of the tariff provision during 1987-90, the ratio of the value of subheading 9802.00.60 imports to that of total U.S. imports was less than 0.5 percent in each year during the period.
- The U.S.-origin content of imports under HTS subheading 9802.00.60 nearly doubled during 1987-90, to \$818 million (table B-1); the ratio of the U.S.-origin content to total value of imports under the tariff provision rose from 44 percent to 59 percent during 1987-90. Total duty savings through the use of this tariff provision amounted to \$16.8 million in 1990.

Principal products

- Articles in the minerals and metals category, chiefly articles of aluminum and, to a lesser extent, iron and steel, accounted for 54 percent of all imports under HTS subheading 9802.00.60 in terms of the value of metal of U.S. origin in 1990 (table B-3). Imports in the minerals and metals category grew by 84 percent during 1987-90, to \$441 million.
- Aluminum, specifically wrought sheet for making cans, was the most significant single product imported under subheading 9802.00.60 during 1987-90 in terms of the value of the U.S.-origin metal being processed. Wrought aluminum other than foil, chiefly wrought sheet for making cans, accounted for 37 percent of the U.S.-origin content of all imports under subheading 9802.00.60 in 1990, more than doubling in value during 1987-90, to \$301 million (table B-3).
- Other important reasons behind the near-doubling of the U.S.-origin content of HTS subheading 9802.00.60 imports during 1987-90 were a rise in imports of printed circuit boards¹ from Canada, from \$1 million to \$115 million (table B-4), and a more than doubling of

¹ The U.S. Customs Service has determined that soldering metal leads of printed circuit board components that have been inserted through printed circuit board substrates qualifies as metal processing (9802.00.60) rather than assembly (9802.00.80) if the soldering was performed in a foreign location but the insertion performed in the United States. If both the insertion and soldering are performed in a foreign location, the imports are classified

imports of iron and steel mill products, from \$39 million to \$89 million, with over half coming from Mexico in 1990 (tables B-3 and B-5).

Principal sources

- Canada was the principal supplier of imports under HTS subheading 9802.00.60 in terms of both total value and the value of the U.S.-origin content. Canada accounted for 65 percent (\$902 million) of the total value and 59 percent (\$482 million) of the U.S.-origin content in 1990. Japan supplied 14 percent (\$189 million) of the total value of imports under 9802.00.60 and 16 percent (\$129 million) of the U.S.-origin content. Mexico supplied 13 percent (\$185 million) of the total value of 9802.00.60 imports but 17 percent (\$139 million) of the U.S.-origin content (tables B-2 and B-6). The U.S.-origin content accounted for 75 percent of the value of imports under 9802.00.60 from Mexico in 1990, compared with 69 percent for Japan and 53 percent for Canada (table B-2).
- The \$482 million of U.S.-origin content entering from Canada in 1990 primarily consisted of wrought aluminum sheet for making cans (36 percent), parts of aircraft and spacecraft (28 percent), and printed circuit boards (24 percent) (table B-4). The \$139 million of U.S.-origin content entering from Mexico was mainly iron and steel sheets and strips (34 percent), bodies and chassis for motor vehicles and other parts (13 percent), and motors and generators (10 percent) (table B-5). The \$129 million of such imports from Japan were chiefly wrought aluminum other than foil (principally wrought sheet for making cans) (87 percent) (table B-7).

Trends in Imports Under Heading 9802.00.80

- HTS heading 9802.00.80 provides tariff treatment for eligible imported goods that were assembled in foreign locations and that contain U.S.-made components. Duty is applied on the full value of the imported product minus the value of the U.S.-made components.
- U.S. imports under HTS heading 9802.00.80 climbed by 11 percent during 1987-90, from \$68 billion to \$75 billion (tables B-1 and B-15). The ratio of heading 9802.00.80 imports to total imports averaged 16 percent between 1987-90. The U.S.-made components included in such imports rose by 66 percent during 1987-90, reaching \$21 billion.
- The ratio of the value of U.S.-made components to the total value of imports under HTS heading

¹—Continued
under 9802.00.80. The Customs Service also holds that electronic circuits printed on silicon wafers that are exported for splitting and returned to the United States for further processing are eligible for entry under 9802.00.60.

9802.00.80 grew from 19 percent to 28 percent during the period. This increase in the use of U.S. components occurred primarily in imports from Mexico and Canada. In 1990, U.S.-made components accounted for 50 percent of the value of imports under 9802.00.80 from Mexico and 40 percent of such imports from Canada. Conversely, U.S.-made components accounted for only 3 percent of the imports from Japan.

Principal products

- Motor vehicles were the dominant imports under HTS heading 9802.00.80, accounting for 60 percent of the \$75 billion total in 1990, followed by internal combustion engines and other motor vehicle parts and semiconductors (7 percent each) (table B-16). In terms of the U.S.-made components contained in these imports, motor vehicles incorporated 40 percent of the \$21 billion total; semiconductors, 13 percent; apparel and other textile articles, 8 percent; internal combustion engines and other motor vehicle parts, 7 percent; and articles for making and breaking electrical circuits (including printed circuit boards), 7 percent (table B-16).
- Much of the increase in imports under HTS heading 9802.00.80 in terms of U.S.-made components reflected a surge in imports of motor vehicles under this provision during 1987-90, from \$3.4 billion to \$8.3 billion, or by \$4.9 billion (table B-16). The total value of motor vehicle imports (combined U.S. and foreign content) increased modestly, but the greater rate of increase in the U.S.-made components portion is a result of the improved competitive position of U.S.-made auto parts relative to that of auto parts made in Canada. The competitive position improved largely because labor costs² rose faster in Canada than in the United States and because the Canadian dollar increased in value against the U.S. dollar.³ The value of U.S.-made components incorporated in imports of motor vehicles from Canada, which otherwise enter the United States free of duty under the Automotive Products Trade Act (APTA),⁴ climbed from \$2.3 billion to \$6.7 billion, or by \$4.4 billion, and accounted for 90 percent of the increase (\$4.4 billion out of \$4.9 billion) (table B-17).

² Average hourly compensation costs for manufacturing employees increased by 11 percent in the United States during 1987-90 (from \$13.40 to \$14.83) compared with a 33 percent rise in Canada (from \$11.95 to \$15.94).

³ The average annual value of the Canadian dollar in terms of U.S. dollars rose by 14 percent during 1987-90, from \$0.75 to \$0.86.

⁴ Importers of duty-free motor vehicles from Canada can legally avoid paying a portion of the Customs user fee by declaring eligibility for entry under heading 9802.00.80. The user fee is a surcharge of 0.17 percent ad valorem applied to all imports except the U.S.-origin portion of imports entering under subchapter II of chapter 98 of the HTS.

Imports of motor vehicles from Mexico, which are dutiable, accounted for the rest of the increase, growing from \$0.6 billion to \$1.1 billion, in terms of the U.S.-made components contained therein (table B-18).

- Several other products also contributed to the rise in the value of U.S.-made components contained in imports under heading 9802.00.80 during 1987-90, as shown in table B-16 and the following tabulation (in million of dollars):

Product	1987	1990	Increase in 1990 over 1987
Articles for making or breaking electrical circuits	355	1,370	1,015
Apparel and other textile articles	1,065	1,759	694
Semiconductors	2,133	2,745	612
Motor-vehicle parts	656	1,048	392
Television receivers	109	323	214

- Total duty savings from use of heading 9802.00.80 amounted to \$462 million in 1990. Despite supplying only 5 percent of all imports under the tariff provision in 1990, apparel and other textile products accounted for 63 percent of the duty savings (\$293 million). Motor vehicles, on the other hand, supplied 60 percent of all 9802.00.80 imports but accounted for only 1 percent (\$3.2 million) of the duty savings (table B-16).

Principal sources

- Canada was the leading supplier of heading 9802.00.80 imports (combined dutiable content and U.S. content) in 1990, accounting for 32 percent (\$24 billion) of the total, followed by Japan and Mexico, with shares of 23 percent (\$17.1 billion) and 17 percent (\$12.8 billion), respectively. However, Haiti, Mexico, and the Dominican Republic had the largest ratios of 9802.00.80 imports to total imports. Imports under this provision accounted for 55 percent of total U.S. imports from Haiti in 1990, 43 percent of imports from Mexico, and 40 percent of imports from the Dominican Republic (tables B-15 and B-18). The leading suppliers of heading 9802.00.80 imports in 1990 in terms of U.S.-made components contained in the imports were Canada and Mexico, accounting for 46 percent and 31 percent of the total, respectively. Malaysia, Korea, and Japan followed far behind,

each accounting for between 2 and 3 percent (table B-19).

- Canada's share of these imports expanded from 30 percent to 46 percent during 1987-90. In 1990, of the U.S. content of heading 9802.00.80 imports from Canada, 71 percent was accounted for by motor vehicles (\$6.7 billion), all of which already qualified for duty-free entry under the APTA. In addition, printed circuit boards accounted for 8 percent (\$806 million); semiconductors accounted for 7 percent (\$630 million); and internal combustion engines and other motor vehicle parts accounted for 5 percent (\$465 million) of such imports (table B-17).
- Although Mexico's share of total U.S. content contained in 9802.00.80 imports declined from 35 percent in 1987 to 31 percent in 1990, the value of such imports rose by 45 percent, to \$6.4 billion. Mexico continues to be an attractive location for heading 9802.00.80 activity because of low labor costs and proximity to the United States. Mexico's attractiveness relative to other countries as an assembly location for U.S. producers was reinforced by an increase in wage

rates in competing countries such as Taiwan, Korea, Hong Kong, and Singapore.

- Based on U.S. content, the leading imports under heading 9802.00.80 from Mexico in 1990 are reflected in table B-18 and the following tabulation (in million of dollars):

<i>Product</i>	<i>Value</i>	<i>Percent of total</i>
Motor vehicles	1,062	17
Internal combustion engines and motor vehicle parts	803	13
Electrical conductors	781	12
Apparel and other textile articles	593	9
Articles for making or breaking electrical circuits	506	8



APPENDIX A
CUSTOMS TREATMENT OF HTS SUBHEADING 9802.00.60
AND HEADING 9802.00.80

Explanation of and Background to HTS Subheading 9802.00.60 and Heading 9802.00.80

Special tariff treatment has long been accorded to particular U.S. goods returned from other countries. This treatment was first set forth in items 806.30 and 807.00 of the former Tariff Schedules of the United States (TSUS), which was repealed as of the close of December 31, 1988. Such treatment has been continued, with a few changes in terminology but not in duty rates applied, under subheading 9802.00.60 and heading 9802.00.80 of the Harmonized Tariff Schedule of the United States (HTS), which entered into effect on January 1, 1989. The HTS is based upon the nomenclature structure of the Harmonized Commodity Description and Coding System (the Harmonized System or HS), an international product classification scheme for tariff, statistical, and transport documentation purposes adopted by convention under the auspices of the Customs Cooperation Council.

Under subheading 9802.00.60, subchapter II, chapter 98 of the HTS, articles of metal (except precious metal) that have been manufactured or subjected to a process of manufacture in the United States, exported for processing abroad, and then returned to the United States for further processing are upon entry subject to duty only on the value of the foreign processing. Under heading 9802.00.80, imported articles that were assembled abroad using fabricated, U.S.-manufactured components are upon entry subject to duty at their full entered value minus the value of the identifiable U.S.-origin components contained therein. No further processing in the United States is required of articles entered under the latter heading. The respective provisions (including applicable notes) are as follows:

Chapter 98, Subchapter II Articles Exported and Returned, Advanced or Improved Abroad

U.S. Notes

1. This subchapter shall not apply to any article exported:
 - (a) From continuous customs custody with remission, abatement or refund of duty;
 - (b) With benefit of drawback;
 - (c) To comply with any law of the United States or regulation of any Federal agency requiring exportation; or
 - (d) After manufacture or production in the United States under heading 9813.00.05.
2.
 - (a) Except as provided in paragraph (b), any product of the United States which is returned after having been advanced in value or improved in condition abroad by any process of manufacture or other means, or any imported article which has been assembled abroad in whole or in part of products of the United States, shall be treated for the purposes of this Act as a foreign article, and, if subject to a duty which is wholly or partly ad valorem, shall be dutiable, except as otherwise prescribed in this part, on its full value determined in accordance with section 402 of the Tariff Act of 1930, as amended. If such product or such article is dutiable at a rate dependent upon its value, the value for the purpose of determining the rate shall be its full value under the said section 402.
 - (b) No article (except a textile article, apparel article, or petroleum, or any product derived from petroleum, provided for in heading 2709 or 2710) may be treated as a foreign article, or as subject to duty, if—
 - (i) the article is—
 - (A) assembled or processed in whole of fabricated components that are a product of the United States, or
 - (B) processed in whole of ingredients (other than water) that are a product of the United States, in a beneficiary country; and

- (ii) neither the fabricated components, materials or ingredients, after exportation from the United States, nor the article itself, before importation into the United States, enters the commerce of any foreign country other than a beneficiary country.

As used in this paragraph, the term “*beneficiary country*” means a country listed in general note 3(c)(v)(A).

3. *Articles repaired, altered, processed or otherwise changed in condition abroad.*—The following provisions apply only to subheadings 9802.00.40 through 9802.00.60, inclusive:

- (a) The value of repairs, alterations, processing or other change in condition outside the United States shall be:
 - (i) The cost to the importer of such change; or
 - (ii) If no charge is made, the value of such change,
as set out in the invoice and entry papers; except that, if the appraiser concludes that the amount so set out does not represent a reasonable cost or value, then the value of the change shall be determined in accordance with section 402 of the Tariff Act of 1930, as amended.
- (b) No appraisement of the imported article in its changed condition shall be required unless necessary to a determination of the rate or rates of duty applicable to such article.
- (c) The duty upon the value of the change in condition shall be at the rate which would apply to the article itself, as an entirety without constructive separation of its components, in its condition as imported if it were not within the purview of this subchapter. If the article, as returned to the United States, is subject to a specific or compound rate of duty, such rate shall be converted to the ad valorem rate which when applied to the full value of such article determined in accordance with said section 402 would provide the same amount of duties as the specific or compound rate. In order to compute the duties due, the ad valorem rate so obtained shall be applied to the value of the change in condition made outside the United States.
- (d) For purposes of subheading 9802.00.60, the term “*metal*” covers (1) the base metals enumerated in additional U.S. note 1 to section XV; (2) arsenic, barium, boron, calcium, mercury, selenium, silicon, strontium, tellurium, thorium, uranium and the rare-earth elements; and (3) alloys of any of the foregoing.

4. *Articles assembled abroad with components produced in the United States.*—The following provisions apply only to heading 9802.00.80:

- (a) The value of the products of the United States assembled into the imported article shall be:
 - (i) The cost of such products at the time of the last purchase; or
 - (ii) If no charge is made, the value of such products at the time of the shipment for exportation,
as set out in the invoice and entry papers; except that, if the appraiser concludes that the amount so set out does not represent a reasonable cost or value, then the value of such products shall be determined in accordance with section 402 of the Tariff Act of 1930, as amended.
- (b) The duty on the imported article shall be at the rate which would apply to the imported article itself, as an entirety without constructive separation of its components, in its condition as imported if it were not within the purview of this subchapter. If the imported article is subject to a specific or compound rate of duty, the total duties shall be reduced in such proportion as the cost or value of such products of the United States bears to the full value of the imported article.

5. No imported article shall be accorded partial exemption from duty under more than one provision in this subchapter.

6. Notwithstanding the partial exemption from ordinary customs duties on the value of the metal product exported from the United States provided under subheading 9802.00.60, articles imported under subheading 9802.00.60 are subject to all other duties, and any other restrictions or limitations, imposed pursuant to title VII of the Tariff Act of 1930 (19 U.S.C. 1671 et seq.), or chapter 1 of title II or chapter 1 of title III of the Trade Act of 1974 (19 U.S.C. 2251 et seq., 19 U.S.C. 2411 et seq.).

<i>Heading/ Subheading</i>	<i>Article description</i>	<i>Rates of duty¹</i>
	Articles returned to the United States after having been exported to be advanced in value or improved in condition by any process of manufacture or other means:	
9802.00.60	Any article of metal (as defined in U.S. note 3(d) of this subchapter) manufactured in the United States or subjected to a process of manufacture in the United States, if exported for further processing, and if the exported article as processed outside the United States, or the article which results from the processing outside the United States, is returned to the United States for further processing	A duty upon the value of such processing outside the United States (see U.S. note 3 of this sub-chapter)
9802.00.80	Articles assembled abroad in whole or in part of fabricated components, the product of the United States, which (a) were exported in condition ready for assembly without further fabrication, (b) have not lost their physical identity in such articles by change in form, shape or otherwise, and (c) have not been advanced in value or improved in condition abroad except by being assembled and except by operations incidental to the assembly process such as cleaning, lubricating and painting	A duty upon the full value of the imported article, less the cost or value of such products of the United States (see U.S. note 4 of this subchapter)

¹ The rates of duty shown here apply to imports under the quoted provisions whether from countries having most-favored-nation (column 1-general) status or from countries having column 2 status. For purposes of goods eligible for duty-free or reduced-duty treatment under the Automotive Products Trade Act, the Agreement on Trade in Civil Aircraft, the U.S.-Israel Free Trade Area Implementation Act, or the U.S.-Canada Free-Trade Agreement, because of special rates of duty set forth in the pertinent tariff provision, the value of the foreign content is subject to duty at the rates set forth in the special subcolumn for such provision.

As stated in the above U.S. notes, no imported article may be given a partial exemption from duty under more than one of these tariff provisions.² Similarly, no article may be entered under these provisions if it was previously exported with a remission, abatement, or refund of duty or with benefit of drawback, or after manufacture or production in bond under heading 9813.00.05.

The rate of duty upon the dutiable portion of the value of an article imported under one of these provisions is the duty rate that would otherwise apply to the article itself as an entirety under the pertinent provision in HTS chapters 1 through 97, inclusive (that is, the tariff provision that would apply if the article were not entered under a provision of chapter 98).³ Accordingly, for articles eligible to enter under subheading 9802.00.60, the duty is assessed only upon the value of the processing (value added) that occurred outside the United States. The form of the metal article may be changed in the foreign processing operation, but the resulting entered product must undergo further processing after its return to the United States. Under heading 9802.00.80, the customs duty applicable to the eligible entered product is calculated based upon the value of the entered good minus the value of the U.S. elements. Thus, no duty is imposed on those U.S.-fabricated components (that is, components of the United States) that have not lost their physical identity by a change in form, shape, or otherwise, and that have not been advanced in value or improved in condition abroad except by having been assembled.

When the applicable rate of duty is a specific or a compound rate, the method of computing duties on eligible entries under subheading 9802.00.60 differs from that used for those under heading 9802.00.80. With respect to the former, any specific or compound duty rate applicable to the article under chapters 1 through 97 is converted to an ad valorem equivalent (which, if applied to the full value of the article, would yield the same amount of duty as the specific or compound rate). This ad valorem rate is then applied to the value of the foreign processing. Under heading 9802.00.80, the specific or compound rate of duty is applied to the entire cost or value of the article and a deduction is made in the same proportion as that of the cost or value of the U.S.-origin components to the total cost or value. For customs purposes, the value of processing under subheading 9802.00.60 and the value of U.S. components for purposes of heading 9802.00.80 are based on the invoice costs to the importer, when the U.S. Customs Service determines such costs or values are reasonable. Otherwise, Customs determines such value in accordance with the terms of section 402 of the Tariff Act of 1930, as amended (or, very rarely, with section 402a).⁴

Although most rates of duty in column 1-general of the HTS are "bound" because of trade concessions (mainly under the General Agreement on Tariffs and Trade), the duty rates in these two provisions are not; nor is the United States obliged to retain these tariff provisions, which are not part of the Harmonized System. Thus, Congress may amend or repeal these tariff provisions without impairing U.S. trade-agreement obligations or concessions, even though such an action could result in an effective increase in the amount of customs duties collected on such goods.

Under the special rates of duty subcolumn of column 1 of the HTS, the same rates of duty and methods of calculation apply to articles eligible for entry under these two provisions and also covered by particular preferential tariff treatment programs. These are the Automotive Products Trade Act, the Agreement on Trade in Civil Aircraft, and the United States-Canada Free-Trade Agreement, as explained in general note 3(c) to the HTS.

² An article could, however, be exported and returned to the United States under one provision and be subsequently reexported and returned under another if this were economically feasible and if the form of the article had been sufficiently changed after its first importation. Thus, for example, a metal article exported and returned to the United States under subheading 9802.00.60 for further processing in such a way as to create a new "fabricated" article or component as determined by the U.S. Customs Service could then be reshipped abroad for assembly and returned under the provisions of heading 9802.00.80.

³ The entry of an article under either of these tariff provisions does not relieve it from quantitative limitations imposed under other provisions of law, such as those textile and apparel articles covered by the Arrangement Regarding International Trade in Textiles (the so-called Multifiber Arrangement or MFA).

⁴ Section 402 (19 U.S.C. 1401a) provides the basic methods of valuation of imported merchandise that may be used for customs purposes. This section reflects the incorporation into U.S. law (by the Trade Agreements Act of 1979, Pub. L. No. 96-39, July 26, 1979) of the substance of the international agreement on customs valuation adopted in the Tokyo Round of Multilateral Trade Negotiations. The same act repealed section 402a, the former valuation provisions, making this section applicable only to unliquidated entries of goods imported prior to the effective date of the repeal.

Customs Practices

Subheading 9802.00.60

According to the notes to the present subheading, the value of the foreign processing on which the duty is levied is its cost to the importer or, if no charge is made, the value as set out in the invoice and entry papers. Generally, the value used for customs purposes is the transaction value, as stated in the entry papers. If the appropriate customs officer concludes that the amount so set out does not represent a reasonable cost or value, then such value is determined in accordance with the valuation provisions of the Tariff Act of 1930, as amended by the Trade Agreements Act of 1979 (Public Law 96-39, July 26, 1979).

An article of metal (except precious metal) imported under HTS subheading 9802.00.60 must have been exported for processing abroad, and the article as processed or the new article that results from the processing must be further processed in the United States after its return from abroad. The Customs Service has held that melting, machining, grinding, drilling, tapping, threading, cutting, punching, rolling, forming, plating, and galvanizing are among the operations that qualify as "processing."

Examples of articles eligible for entry under this tariff provision are aluminum sheets processed from ingots of U.S. origin and returned to the United States to be cut to size and shape; lead ingots produced from lead scrap of U.S. origin and returned for further processing; metal screws made abroad from domestic wire and returned for plating; stainless steel tubing coated abroad with chromium and returned for rounding and buffing; tungsten carbide powder sent abroad for sintering and returned for further processing; and electronic circuits printed on silicon wafers, exported for splitting and returned for further processing.

Before the exportation of an article for processing abroad under this subheading, the owner or exporter must file (as provided in section 10.9 of the Customs Regulations)⁵, a certificate of registration describing the article(s) exported. The owner or exporter must state the name of the U.S. manufacturer, or, if of foreign origin, the name and address of the U.S. processor and the process of manufacture. The owner or exporter must also provide the name and address of the person who will further process the articles upon their return to the United States, or, if the person is not known, the reasons for believing the articles will be returned for further processing and the reason the person is not known. The article must be examined by a customs officer and laded for export under customs supervision. Upon return of the article from abroad, the owner, importer, consignee, or agent must declare that the article has been processed from the merchandise covered by the certificate of registration and must declare the nature and cost of the processing abroad and the processing to be performed in the United States. The declaration as to the origin of the article, and as to the nature and cost of the processing abroad, must be supported, moreover, by a declaration of the foreign processor. The foregoing requirements may be waived by the district director at the port of entry, but only when the director is satisfied that the article is entitled to enter under HTS subheading 9802.00.60 and that all the requirements of the provisions have been met. If the registration form is not produced at entry, such a waiver can only be given if a single entry at one port is made.

Pursuant to a 1958 decision of the Customs Service (T.D. 54-572(22)), concerning former TSUS item 806.30, the provisions of HTS subheading 9802.00.60 apply only when the U.S. metal article sent abroad for processing is to be returned for further processing by or for account of the person or firm that exported the article for processing abroad.

Heading 9802.00.80

When merchandise is assembled abroad, it is often difficult to establish its transaction value (either for the imported merchandise or for identical or similar merchandise) or deductive value, as those terms are defined in section 402 of the Tariff Act of 1930, as amended. A large portion of the entries under heading 9802.00.80 comprises trade by U.S. firms and their foreign affiliates that

⁵ 19 CFR 10.9.

operate and transfer goods on a manufacturing-cost basis rather than on the basis of values established in the marketplace. Accordingly, the customs value for purposes of heading 9802.00.80 is in many cases based on computed value, as defined in section 402. However, the Customs Service attempts to ascertain the transaction value whenever possible.⁶

Computed value represents the sum of all costs, actual or estimated, for materials used, labor, overhead, depreciation, other general expenses, a normal profit, and packing costs. In most cases, only the cost of materials, labor, and packing can readily be ascertained. To this cost is added a markup for general expenses and profit equal to that usually reflected in sales by the foreign producers in their home markets of merchandise of the same class or kind as that exported to the United States. From this gross computed value is deducted the value of those U.S. components for which allowance is claimed under heading 9802.00.80. Additionally, the value of packing materials of U.S. origin may be exempt from duty under heading 9801.00.10. These deductions are generally based upon the values shown on the assembler's declaration and endorsed by the importer pursuant to section 10.24 of the Customs Regulations.⁷ When the values shown thereon appear unreasonable, other proof of value may be required.

After the implementation of the former TSUS in 1963, no specific regulations were immediately issued with respect to the administration of former TSUS item 807.00. Rather, customs officers were informally advised to use section 10.1 of the Customs Regulations,⁸ relating to U.S. goods returned without advancement in value. It was not until January 1968 that subsection (g), since amended, was added to section 10.1, specifically providing for the documentary proof to be filed in connection with the entry of articles containing U.S.-fabricated components claimed to be exempt from duty under TSUS item 807.00.

In October 1975, the Customs Service amended its regulations by adding sections 10.11 through 10.24,⁹ which set forth definitions and interpretative regulations pertaining to TSUS item 807.00. The sections included examples describing specific situations in which the exemption from duty provided by TSUS item 807.00 might be available. Section 10.24 set forth the following documentary requirements applicable to assembled articles entered from former TSUS item 807.00:

- (1) a declaration by the person who performed the assembling operations abroad listing and describing the U.S. components and describing the operations performed abroad on such components, and
- (2) an endorsement of the importer declaring the declaration in (1) to be correct to the best of his knowledge and belief.

Section 10.24 also permitted the district director to revise the format of either of the documents specified above, to waive specific details for each entry, and to waive the foregoing documents if "satisfied that unusual circumstances make the production of either or both of the documents...or of any of the information set forth therein, impractical and is further satisfied that the requirements of item 807.00 . . . and related headnotes have been met"

As noted earlier, the duty treatment provided under former TSUS item 807.00 applied to fabricated components that are the product of the United States. In order to qualify for such treatment, the components must have been in condition ready for assembly without further fabrication after their exportation from the United States. However, components are not prohibited entry under former TSUS item 807.00 or current HTS heading 9802.00.80 because of foreign operations incidental to the assembly before, during, or after their assembly with other components, as long as the components do not lose their physical identity by change in form, shape, or otherwise. Thus, materials undefined in final dimension and shape that are cut abroad into specific shapes or patterns are not considered fabricated components and thus are not eligible for entry under this provision.

⁶ 19 CFR 10.18 et seq.

⁷ 19 CFR 10.24.

⁸ 19 CFR 10.1.

⁹ 19 CFR 10.11-10.24.

Under relevant Customs regulation,¹⁰ the range of assembly operations performed abroad that have been held to be permissible may involve any method of joining or fitting together solid components, such as welding, soldering, riveting, force fitting, gluing, laminating, sewing, or the use of fasteners. They may be preceded, accompanied, or followed by operations incidental to assembly, as illustrated below. The mixing or combining of liquids, gases, chemicals, food ingredients, and amorphous solids with each other or with solid components is not regarded as assembly.

Operations held to be incidental to the assembly process, whether performed before, during, or after assembly, do not constitute further fabrication and do not preclude entry under HTS heading 9802.00.80. A July 23, 1991, opinion by the Court of International Trade (CIT) in *General Motors v. United States*,¹¹ if not appealed, has significantly changed the prior interpretation afforded by Customs of the nature and scope of such incidental operations. Previously, Customs had included the following as examples of permitted incidental operations:

- (1) Cleaning;
- (2) Removal of rust, grease, paint, or other preservative coating;
- (3) Application of preservative paint or coating, including preservative metallic coating, lubricants, or protective encapsulation;
- (4) Trimming, filing, or cutting off small amounts of excess materials;
- (5) Adjustments in the shape or form of a component to the extent required by the assembly being performed abroad;
- (6) Cutting to length of wire, thread, tape foil, and similar products exported in continuous lengths; separation by cutting of finished components, such as prestamped integrated-circuit lead frames exported in multiple unit strips; and
- (7) Final calibration, testing, marking, sorting, pressing, and folding of assembled articles.

Before issuance of the *General Motors* ruling, Customs had also held that any significant process, operation, or treatment other than assembly whose primary purpose is the fabrication, completion, or physical or chemical improvement of a component or that is not related to the assembly process, whether or not it effects a substantial transformation of the article, is not regarded as incidental to the assembly and precludes entry under the tariff provision. The following are examples of operations not considered incidental to assembly:

- (1) Melting of exported ingots and pouring of the metal into molds to produce cast-metal parts;
- (2) Cutting of garment parts according to pattern from exported material;
- (3) Painting primarily intended to enhance the appearance of an article or to impart distinctive features or characteristics;
- (4) Chemical treatment of components or assembled articles to impart new characteristics, such as shower-proofing, permapressing, sanforizing, dyeing, or bleaching of textiles;
- (5) Machining, polishing, burnishing, peening, plating (other than plating incidental to the assembly), embossing, pressing, stamping, extruding, drawing, annealing, tempering, case hardening, and any other operation, treatment, or process that imparts significant new characteristics or qualities to the article affected.

However, the CIT decision indicated that Customs' interpretation — specifically relating to the painting of automobiles assembled abroad — was too restrictive in light of Congressional intent to allow any operations of a minor nature to be performed abroad. The decision seemed to be adopting the view that importers' descriptions of processes conducted abroad would result in a presumption that nonassembly operations are incidental when they are logically performed during the assembly of goods and when any operation challenged by Customs (as opposed to others accepted as being "clearly incidental") is relatively insignificant in terms of cost and time

¹⁰ 19 CFR 10.16.

¹¹ Court No. 87-03-00471, Slip Op. 62.

compared to the cost of the components and the time needed for assembly of the article. While firms using this tariff provision have hailed the ruling as at last providing the tariff treatment contemplated by Congress, it is premature to state that the decision will be affirmed or, if so, that Customs' regulations and rulings would greatly change. The ruling would provide a major benefit to such firms in that the value of components subjected to any such processes would be excluded from duty as retaining their U.S. origin, instead of the previous Customs practice of considering them substantially transformed abroad and dutiable based on their full value.

Such interpretative decisions of the CIT and of the Court of Appeals for the Federal Circuit (and their predecessors, the Customs Court and the Court of Customs and Patent Appeals) have dictated the course of Customs' interpretation of these tariff provisions for many years. The impact of these decisions is illustrated by the following statement from the Tariff Classification Study (Schedule 8 volume, p. 103):

ITEM 807.00—Imports assembled with U.S. components. Item 807.00 contemplates that, when a finished component of U.S. origin is sent abroad and there assembled—without otherwise changing its condition—with one or more other components, the cost or value of such U.S. components shall not be included in the dutiable value of the assembled article in which it has been incorporated. *U.S. wire and tape, on spools, sent abroad where they are cut to length and then assembled with other components into a finished article are not finished components the cost of which may be deducted from the dutiable value of the imported article.* [emphasis added]

The subsequent series of cases involving General Instrument Corporation demonstrate the nature of the evolution of former TSUS item 807.00. The appellate court in *General Instrument Corporation v. United States*,¹² held that U.S.-fabricated wire was used directly in the assembly process "without further fabrication" within the meaning of that phrase in TSUS item 807.00 although it was cut into pieces abroad, when, for practical reasons, the assembly process required handling the wire directly from the spool and cutting it during that process. The court then extended its reasoning in *General Instrument Corporation v. United States*,¹³ holding that there is no reason to consider articles cut to length prior to assembly subject to any different treatment than articles cut after assembly such as the wire bonded to a semiconductor chip and then severed in the earlier General Instrument Corp. case. In a third case of the same name,¹⁴ the court went even further in holding that the despooling, cementing, winding, and taping of wire are not "further fabrication" steps but rather assembly steps within the meaning of TSUS item 807.00. The court stated, referring to the second General Instrument case, that "we can perceive no substantial differences between the instant assembly steps and those of General Instrument, which were held not to constitute 'further fabrication.'"

The *General Motors* decision, together with other judicial holdings, appears both to add new importer opportunities to use this tariff heading and to result in even more judicial review of Customs' rulings, as firms are encouraged to challenge restrictive interpretations of the provision. In addition, these provisions have added implications in view of preferential tariff programs, particularly for free-trade agreements and unilateral preferences for developing countries, as alternative ways to reduce import duties on goods deemed out of compliance with applicable program criteria.

Problems of Customs Administration

It is evident from the foregoing discussion that these two tariff provisions are not easy to apply; this difficulty complicates their administration and thereby increases the potential for misuse. For example, a prerequisite to the allowance of the partial duty exemptions is proof of the presence in the imported article of the exported U.S. metal article or fabricated component—not a substitute foreign equivalent. It is necessary to know precisely what U.S. articles were exported from the United States, that they were effectively segregated from and not commingled with foreign articles prior to their being processed or assembled, and exactly how they were used abroad in the production or manufacture of the imported article. Moreover, as indicated, the data required

¹² *General Instrument Corporation v. United States*, 59 CCPA 171, 462 F.2d 1156, C.A.D. 1062 (1972).

¹³ *General Instrument Corporation v. United States*, 60 CCPA 178, 480 F.2d 1402, C.A.D. 1106 (1973).

¹⁴ *General Instrument Corporation v. United States*, 61 CCPA 86, 499 F.2d 1318, C.A.D. 1128 (1974).

for valuation purposes are generally more complex and detailed than is required under ordinary circumstances.¹⁵

Ascertainment of the relevant facts is almost wholly dependent upon paper proof rather than physical examination of imports by customs officers. By reason of the large volume of trade under these provisions and the intricacy and mass of detailed information involved in each transaction, customs officers are, in practice, obliged to accept entries as submitted with only a limited opportunity for verification of their factual content.

Legislative History

The HTS has carried forward the language and rates of duty of former TSUS items 806.30 and 807.00 in subheading 9802.00.60 and heading 9802.00.80, respectively. Thus, for many importers, no effective change in the treatment of their particular goods by the Customs Service is likely (although case-by-case review is necessary).¹⁶ The legislative history of the former TSUS items is more illuminating than that for chapter 98 and details the scope and intent of the prior provisions; it is therefore discussed in some detail in previous USITC annual reports on production sharing.¹⁷ The legislative history also, to a large extent, provides evidence of Congress' purpose in continuing the subject tariff treatment in the HTS.

As discussed above, the CIT decision on *General Motors v. United States* appears to view Congressional intent more broadly than was previously reflected in Customs' rulings. If not successfully appealed, that holding would seem to alter significantly the prior treatment of imports under HTS heading 9802.00.80.¹⁸

¹⁵ A guide to the data requirements for importation under TSUS item 807.00 was published by the U.S. Customs Service under the title *Import Requirements on Articles Assembled Abroad From U.S. Components/Item 807.00 TSUS: 807 Guide*, Customs Information Series C:79-1, 1979. For several illustrative cases, see *Zwicker Knitting Mills v. United States*, 67 CCPA 37, C.A.D. 1240, 613 F.2d 295 (1980); *Southern Air Transport, Inc. v. United States*, 84 Cust. Ct., C.D. 4836 (1980); and *Mattel, Inc. v. United States*, 67 CCPA 74, 624 F.2d 1076 (1980).

¹⁶ *Conference Report on H.R. 3, the Omnibus Trade and Competitiveness Act of 1988*, House Report 100-576, Apr. 20, 1988, pp. 549-550.

¹⁷ For a detailed discussion, see United States International Trade Commission, *Production Sharing: U.S. Imports Under Harmonized Tariff Schedule Subheadings 9802.00.60 and 9802.00.80, 1986-89*, USITC publication 2349, Jan. 1991, pp. A-9 through A-12.

¹⁸ See the ruling in the *General Motors* case, cited above.

APPENDIX B
STATISTICAL TABLES

Table B-1
U.S. imports for consumption under HTS subheading 9802.00.60 and heading 9802.00.80, 1970-90

(In millions of dollars)

Year	Total value			Dutiable value			Value of U.S. products		
	9802.00.60	9802.00.80	Total	9802.00.60	9802.00.80	Total	9802.00.60	9802.00.80	Total
1970	204.0	2,004.2	2,208.2	101.3	1,570.5	1,671.8	102.6	433.7	536.3
1971	199.4	2,566.4	2,765.8	75.1	2,030.8	2,105.9	124.3	535.6	659.9
1972	318.3	3,090.5	3,408.8	130.3	2,410.1	2,540.4	187.9	680.4	868.3
1973	462.6	3,784.5	4,247.1	212.9	3,025.4	3,238.3	249.7	759.1	1,008.8
1974	543.7	4,828.1	5,371.8	240.4	3,818.6	4,059.0	303.3	1,009.5	1,312.8
1975 ¹	454.6	4,707.8	5,162.4	192.6	3,703.9	3,896.5	262.0	1,003.9	1,265.9
1976 ¹	474.0	5,247.5	5,721.5	199.2	3,976.2	4,175.4	274.8	1,271.3	1,546.1
1977	465.1	6,723.4	7,188.5	190.7	5,021.4	5,212.1	274.4	1,702.0	1,976.4
1978	398.1	9,337.1	9,735.2	154.8	6,988.9	7,143.7	243.2	2,348.3	2,591.5
1979 ¹	407.7	11,559.3	11,967.0	172.8	8,468.3	8,641.1	234.9	3,091.0	3,325.9
1980 ¹	254.1	13,762.2	14,016.5	83.5	10,178.2	10,261.8	170.5	3,584.0	3,754.7
1981	256.5	15,924.0	16,180.8	80.3	11,653.9	11,734.2	176.2	4,270.3	4,446.6
1982	358.0	17,950.8	18,308.8	116.0	13,473.2	13,589.2	242.0	4,477.5	4,719.5
1983	341.5	21,234.4	21,575.9	112.5	16,076.8	16,189.3	229.0	5,157.6	5,386.6
1984	450.2	28,122.4	28,572.6	140.9	21,221.2	21,362.1	309.3	6,901.2	7,210.5
1985	419.7	30,115.4	30,535.1	144.6	24,565.7	24,710.3	275.0	5,549.7	5,824.7
1986	465.5	36,031.5	36,496.9	157.1	30,059.3	30,216.4	308.4	5,972.1	6,280.5
1987	953.9	67,595.1	68,549.0	538.4	55,067.9	55,606.2	415.6	12,527.2	12,942.8
1988	929.1	72,803.5	73,732.6	459.2	56,449.4	56,908.5	469.8	16,354.1	16,823.9
1989	1,141.3	73,031.8	74,173.1	444.2	54,110.5	54,554.7	697.1	18,921.3	19,618.4
1990	1,379.8	75,108.2	76,488.0	561.4	54,299.6	54,861.0	818.4	20,808.6	21,627.0

¹ Imports under subheading 9802.00.60 were slightly understated for 1975, 1976, 1979, and 1980 in earlier issues of this tabulation.

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

Source: Compiled from official statistics of the U.S. Department of Commerce, except as noted. Minor adjustments to official statistics were made to correct cases of misreporting. Statistics previously reported for certain commodity groupings have been revised to reflect changes in assignment made by the Commission's international trade analysts.

Since 1980, the staff of the Commission has made substantial revisions to the Census reported figures. These revisions, for the most part, were attributable to the exclusion of duty-free civil aircraft subheadings. The civil aircraft subheadings also reflect reimportation of American products, either further processed or assembled overseas.

Table B-2
U.S. Imports for consumption under HTS subheading 9802.00.60: Value and share of total, by principal sources, 1987-90

Source	1987					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	550.6	200.4	350.2	57.7	48.2	65.0
Japan	176.0	107.4	68.6	18.5	25.8	12.7
Italy	70.8	5.6	65.2	7.4	1.3	12.1
Germany	14.4	7.9	6.4	1.5	1.9	1.2
United Kingdom	4.6	2.0	2.5	.5	.5	.5
Portugal	2.4	1.7	.7	.3	.4	.1
France	1.2	.7	.5	.1	.2	.1
Switzerland	1.2	.8	.3	.1	.2	.1
Belgium and Luxembourg	1.1	.6	.5	.1	.2	.1
Australia .....	.9	.4	.5	.1	.1	.1
Denmark .....	.3	.2	.1	()	.1	()
Netherlands .....	.2	.1	.1	()	()	()
Austria .....	.2	.1	.1	()	()	()
Sweden .....	.1	.1	(2)	()	()	()
Ireland .....	.1	(2)	(2)	()	()	()
Spain .....	.1	(2)	.1	()	()	()
All other	(2)	(2)	(2)	()	()	()
Total, developed countries	824.0	328.1	495.9	86.4	78.9	92.1
Mexico	112.3	76.2	36.1	11.8	18.3	6.7
Brazil	11.1	7.8	3.3	1.2	1.9	.6
Singapore	4.6	2.6	2.0	.5	.6	.4
Philippines .....	.5	.1	.5	.1	()	.1
Korea .....	.3	.2	.1	()	()	()
Senegal .....	.3	.2	.1	()	()	()
Malaysia .....	.3	.2	.1	()	.1	()
Taiwan .....	.2	.1	.2	()	()	()
Venezuela .....	.1	.1	(2)	()	()	()
Mozambique	(2)	(2)	(2)	()	()	()
China	(2)	(2)	(2)	()	()	()
Hong Kong	(2)	(2)	(2)	()	()	()
St Lucia	(2)	(2)	(2)	()	()	()
All other	(2)	(2)	(2)	()	()	()
Total, less developed countries ..	129.9	87.4	42.5	13.6	21.1	7.9
Grand total	953.9	415.6	538.4	100.0	100.0	100.0

See notes at end of table.

Table B-2—Continued

U.S. imports for consumption under HTS subheading 9802.00.60: Value and share of total, by principal sources, 1987-90

Source	1988					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	618.8	264.3	354.6	66.6	56.2	77.2
Japan	92.1	58.8	33.3	9.9	12.5	7.2
Germany	26.6	16.0	10.5	2.9	3.4	2.3
France	21.7	15.5	6.2	2.3	3.3	1.3
Italy	18.6	2.7	15.9	2.0	.6	3.5
United Kingdom	10.3	2.7	7.6	1.1	.6	1.7
Switzerland	1.3	.7	.6	.1	.1	.1
Belgium	1.1	.9	.2	.1	.2	(.)
Australia .....	.7	.3	.4	.1	.1	.1
Austria .....	.6	.3	.2	.1	.1	(.)
Ireland .....	.3	.2	.1	(.)	.1	(.)
Sweden .....	.3	.1	.2	(.)	(.)	(.)
Netherlands .....	.2	.1	.1	(.)	(.)	(.)
Denmark	(.)	(.)	(.)	(.)	(.)	(.)
All other .....	.1	.1	(.)	.1	(.)	(.)
Total, developed countries	792.7	362.7	429.8	85.3	77.2	93.6
Mexico	131.0	103.9	27.1	14.1	22.1	5.9
Singapore	3.8	2.2	1.7	.4	.5	.4
Philippines .....	.8	.4	.3	.1	.1	.1
Taiwan .....	.3	.2	.1	(.)	(.)	(.)
Costa Rica .....	.1	.1	(.)	(.)	(.)	(.)
Brazil .....	.1	.1	(.)	(.)	(.)	(.)
Thailand .....	.1	.1	(.)	(.)	(.)	(.)
Hong Kong .....	.1	(.)	(.)	(.)	(.)	(.)
Israel .....	.1	(.)	(.)	(.)	(.)	(.)
Malaysia	(.)	(.)	(.)	(.)	(.)	(.)
Senegal	(.)	(.)	(.)	(.)	(.)	(.)
China	(.)	(.)	(.)	(.)	(.)	(.)
Barbados	(.)	(.)	(.)	(.)	(.)	(.)
Montserrat	(.)	(.)	(.)	(.)	(.)	(.)
All other	(.)	(.)	(.)	(.)	(.)	(.)
Total, less developed countries ..	136.4	107.1	29.4	14.7	22.8	6.4
Grand total	929.1	469.8	459.2	100.0	100.0	100.0

See notes at end of table.

Table B-2—Continued

U.S. Imports for consumption under HTS subheading 9802.00.60: Value and share of total, by principal sources, 1987-90

Source	1989					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	808.6	449.3	359.4	70.9	64.4	80.9
Japan	67.1	43.4	23.7	5.9	6.2	5.3
Germany	39.0	26.1	12.9	3.4	3.7	2.9
France	5.8	4.2	1.6	.5	.6	.4
United Kingdom	2.2	1.2	1.0	.2	.2	.2
Australia	1.1	.6	.6	.1	.1	.1
Sweden .....	.9	.5	.4	.1	.1	.1
Switzerland .....	.6	.3	.3	.1	()	.1
Netherlands .....	.5	.3	.2	()	()	()
Ireland .....	.3	.1	.2	()	()	()
Norway .....	.2	()	.1	()	()	()
Finland .....	.1	()	()	()	()	()
U.S.S.R .....	.1	()	()	()	()	()
Denmark	()	()	()	()	()	()
Italy	()	()	()	()	()	()
Belgium	()	()	()	()	()	()
All other .....	.2	.1	()	()	()	()
Total, developed countries	926.7	526.1	400.4	81.2	75.5	90.1
Mexico	181.1	142.3	38.8	15.9	20.4	8.7
Dominican Republic	17.8	17.3	.5	1.6	2.5	.1
Argentina	9.5	7.2	2.2	.8	1.0	.5
Korea	3.2	2.4	.7	.3	.3	.2
Taiwan	2.1	1.1	1.0	.2	.2	.2
Singapore .....	.4	.2	.3	()	()	.1
Brazil .....	.4	.3	.1	()	()	()
Costa Rica .....	.1	.1	()	()	()	()
Thailand .....	.1	.1	()	()	()	()
Israel	()	()	()	()	()	()
Malaysia	()	()	()	()	()	()
All other	()	()	()	()	()	()
Total, less developed countries ..	214.7	171.0	43.8	18.8	24.5	9.9
Grand total	1,141.3	697.1	444.2	100.0	100.0	100.0

See notes at end of table.

Table B-2—Continued

U.S. Imports for consumption under HTS subheading 9802.00.60: Value and share of total, by principal sources, 1987-90

Source	1990					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	901.5	481.7	419.8	65.3	58.9	74.8
Japan	188.7	129.4	59.2	13.7	15.8	10.6
Germany	30.5	17.2	13.2	2.2	2.1	2.4
France	20.5	12.9	7.6	1.5	1.6	1.4
United Kingdom	3.9	2.1	1.8	.3	.3	.3
Greece	3.7	2.9	.8	.3	.3	.2
Belgium	3.3	2.0	1.2	.2	.2	.2
Switzerland	2.1	1.0	1.1	.2	.1	.2
Spain	1.8	1.6	.2	.1	.2	(¹)
Sweden	1.0	.6	.4	.1	.1	.1
Italy .....	.5	.2	.3	(¹)	(¹)	.1
Netherlands .....	.3	.2	.1	(¹)	(¹)	(¹)
Australia .....	.2	.1	.1	(¹)	(¹)	(¹)
All other .....	.1	.1	.1	(¹)	(¹)	(¹)
Total, developed countries	1,158.0	652.0	506.0	83.9	79.6	90.1
Mexico	185.1	138.6	46.5	13.4	16.9	8.3
Dominican Republic	16.8	16.4	.4	1.2	2.0	.1
Korea	5.8	3.1	2.7	.4	.4	.5
Taiwan	4.7	4.1	.6	.3	.5	.1
Argentina	3.6	2.6	.9	.3	.3	.2
Ecuador	1.1	.2	1.0	.1	(¹)	.2
China	1.0	.1	.9	.1	(¹)	.2
Honduras .....	.7	.1	.6	.1	(¹)	.1
Singapore .....	.7	.1	.6	.1	(¹)	.1
Thailand .....	.6	.4	.2	(¹)	(¹)	(¹)
Brazil .....	.5	.3	.2	(¹)	(¹)	(¹)
Hong Kong .....	.3	.2	.1	(¹)	(¹)	(¹)
Peru .....	.3	(²)	.3	(¹)	(¹)	(¹)
All other .....	.5	.2	.3	(¹)	(¹)	(¹)
Total, less developed countries ..	221.9	166.4	55.5	16.1	20.4	9.9
Grand total	1,379.8	818.4	561.4	100.0	100.0	100.0

¹ Less than .05 percent.² Less than \$50,000.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-3
U.S. imports for consumption under HTS subheading 9802.00.60, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1987			1988		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Chemicals, coal, petroleum, natural gas, and related products:						
Certain inorganic chemical compounds	8,030	4,618	3,411	10,015	4,470	5,545
All other articles	47	17	30	287	172	114
Total	8,076	4,635	3,441	10,301	4,643	5,659
Minerals and metals:						
Iron and steel mill products, all grades	62,151	38,762	23,388	98,267	60,698	37,569
Shapes and plates of iron or steel, all grades	332	192	140	749	552	197
Pipe and tubing of iron or steel, all grades	1,441	1,031	410	9,765	6,692	3,074
Wire and wire products of iron or steel, all grades	1,371	548	824	903	600	303
Sheets and strip of iron or steel, all grades, including tin mill products	40,642	29,066	11,576	63,602	48,564	15,038
Other	18,364	7,925	10,438	23,247	4,291	18,956
Copper, wrought	4,261	2,561	1,700	18,129	12,746	5,383
Aluminum	218,228	142,128	76,100	226,249	170,695	55,554
Aluminum, wrought other than foil	207,677	137,158	70,519	212,805	164,496	48,310
Aluminum foil	10,537	4,967	5,571	13,444	6,200	7,244
Nickel, wrought	91	80	11	0	0	0
Lead, unwrought	307	210	96	280	193	87
Tantalum, unwrought, unalloyed	2,618	1,472	1,146	3,560	2,185	1,375
Titanium, wrought	7,197	6,165	1,033	450	198	253
Tungsten, unwrought	351	133	218	472	155	317
Hinges, fittings and mountings, n.s.p.f.	2,977	1,082	1,895	2,972	968	2,004
Interchangeable tools for hand-tools or for machine tools	788	543	245	865	664	201
All other articles	73,999	45,944	28,055	18,347	13,499	4,848
Total	372,968	239,080	133,888	369,593	262,001	107,592
Machinery and equipment:						
Parts of steam generating boilers	1,018	196	822	2,977	699	2,279
Parts of steam turbines	14	(¹)	14	16	14	3
Internal combustion engines and parts thereof	5,364	2,427	2,937	47,173	19,109	28,065
Pumps and compressors, and parts thereof	932	382	550	1,457	1,017	441
Lifting, handling, loading, and unloading machinery and parts thereof	5,484	1,584	3,900	7	7	(¹)
Machines for working metal, stone, and other materials, except gas-operated metalworking appliances	20,464	16,379	4,085	18,020	13,430	4,590
Office machines and parts thereof	426	58	368	706	190	516
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	4,233	2,208	2,026	4,152	2,216	1,936
Miscellaneous machinery parts	122	50	72	38	10	28
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	10,304	7,786	2,519	12,967	10,262	2,705
Microphones, loudspeakers, and related equipment; and radiotelegraphic and radiotelephonic apparatus and related equipment	246	70	176	80	33	48
Electrical capacitors	68	49	19	327	217	110

See notes at end of table.

Table B-3—Continued**U.S. Imports for consumption under HTS subheading 9802.00.60, by commodity groups, 1987-90***(In thousands of dollars)*

<i>Commodity group</i>	<i>1987</i>			<i>1988</i>		
	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Articles for making and breaking electrical circuits	3,729	2,575	1,155	6,212	5,288	925
Electronic tubes (except X-ray)	4,667	2,818	1,849	3,474	2,085	1,390
Semiconductors	621	404	218	871	524	347
Miscellaneous electrical articles	664	564	101	62	53	9
Parts for rail locomotives and rolling stock .	2	(¹)	2	3	1	3
Bodies and chassis for motor vehicles, and other motor vehicle parts	2,991	2,393	598	7,660	5,275	2,385
Parts of aircraft and space-craft	489,270	121,253	368,017	400,277	109,540	290,737
All other articles	19,661	9,054	10,607	10,689	5,586	5,103
Total	570,283	170,248	400,035	517,170	175,553	341,618
Miscellaneous manufactures	2,545	1,576	969	31,999	27,636	4,363
Grand total	953,872	415,540	538,332	929,064	469,832	459,232

See notes at end of table.

Table B-3—Continued
U.S. imports for consumption under HTS subheading 9802.00.60, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Agricultural products	0	0	0	4,016	543	3,473
Forest products	0	0	0	42	32	10
Textiles, apparel, and footwear	0	0	0	5	4	1
Chemicals, coal, petroleum, natural gas, and related products:						
Certain inorganic chemical compounds ...	18,819	11,688	7,132	17,072	9,572	7,499
All other articles	28	5	23	54	16	38
Total	18,848	11,692	7,155	17,126	9,588	7,538
Minerals and metals:						
Iron and steel mill products, all grades ...	117,551	76,412	41,139	131,386	88,840	42,547
Shapes and plates of iron or steel, all grades	824	588	236	382	209	173
Pipe and tubing of iron or steel, all grades	11,961	9,279	2,682	8,914	6,613	2,301
Wire and wire products of iron or steel, all grades	3,283	2,307	976	1,588	897	691
Sheets and strip of iron or steel, all grades, including tin mill products ...	75,612	56,727	18,885	105,837	76,689	29,148
Other	25,872	7,512	18,360	14,665	4,431	10,233
Copper, wrought	35,463	22,982	12,481	22,865	13,939	8,926
Aluminum	279,576	240,357	39,219	398,422	312,404	86,018
Aluminum, wrought other than foil	271,638	236,097	35,541	377,080	301,458	75,622
Aluminum foil	7,938	4,260	3,678	21,343	10,946	10,397
Nickel, wrought	167	104	64	75	67	8
Lead, unwrought	891	489	402	238	172	66
Tantalum, unwrought, unalloyed	1,407	782	625	924	524	400
Titanium, wrought	12,584	10,124	2,460	13,286	10,820	2,466
Tungsten, unwrought	403	37	367	376	46	330
Tungsten, wrought	10	3	6	0	0	0
Hinges, fittings and mountings, n.s.p.f.	4,536	1,964	2,572	4,695	2,282	2,413
Interchangeable tools for hand-tools or for machine tools	2,056	1,244	812	2,376	1,105	1,270
All other articles	14,617	10,280	4,337	14,833	10,433	4,400
Total	469,261	364,777	104,484	589,476	440,632	148,844
Machinery and equipment:						
Parts of steam generating boilers	13	12	1	0	0	0
Internal combustion engines and parts thereof	24,300	13,649	10,651	16,505	11,199	5,307
Pumps and compressors, and parts thereof	947	542	405	547	308	239
Lifting, handling, loading, and unloading machinery and parts thereof	397	207	190	64	59	6
Machines for working metal, stone, and other materials, except gas-operated metalworking appliances	1,109	537	573	761	424	337
Office machines and parts thereof	433	285	148	825	445	380
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	3,606	1,969	1,637	4,414	3,123	1,291
Miscellaneous machinery parts	23,657	16,128	7,529	23,586	15,341	8,244
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	18,143	13,908	4,235	20,434	14,948	5,486

See notes at end of table.

Table B-3—Continued

U.S. Imports for consumption under HTS subheading 9802.00.60, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Microphones, loudspeakers, and related equipment; and radiotelegraphic and radiotelephonic apparatus and related equipment	77	21	55	280	149	131
Electrical capacitors	15	4	10	0	0	0
Articles for making and breaking electrical circuits	136,858	97,688	39,170	155,407	115,267	40,140
Electronic tubes (except X-ray)	174	109	65	0	0	0
Semiconductors	2,458	1,335	1,123	2,126	1,015	1,112
Miscellaneous electrical articles	750	409	341	905	637	268
Parts for rail locomotives and rolling stock	1,396	896	500	402	90	312
Bodies and chassis for motor vehicles, and other motor vehicle parts	18,087	13,268	4,820	23,336	18,090	5,245
Parts of aircraft and space-craft	353,761	100,413	253,348	456,866	133,498	323,368
All other articles	906	614	292	5,648	3,650	1,999
Total	587,085	261,992	325,093	712,108	318,245	393,863
Miscellaneous manufactures	66,139	58,646	7,493	57,050	49,360	7,690
Grand total	1,141,333	697,107	444,226	1,379,823	818,404	561,419

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-4
U.S. Imports for consumption from Canada under HTS subheading 9802.00.60, by commodity groups,
1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Forest products	42	32	10
Chemicals, coal, petroleum, natural gas, and related products: All other articles	54	16	38
Minerals and metals:			
Iron and steel mill products, all grades	32,247	18,929	13,318
Shapes and plates of iron or steel, all grades	350	192	158
Pipe and tubing of iron or steel, all grades	7,045	5,227	1,818
Wire and wire products of iron or steel, all grades	258	215	44
Sheets and strip of iron or steel, all grades, including tin mill products	11,553	10,054	1,499
Other	13,041	3,241	9,800
Copper, wrought	1,314	1,260	54
Aluminum	198,700	174,471	24,230
Aluminum, wrought other than foil	198,511	174,386	24,125
Aluminum foil	189	85	104
Nickel, wrought	61	58	2
Lead, unwrought	194	144	50
Titanium, wrought	12,740	10,538	2,202
Hinges, fittings and mountings, n.s.p.f	2,031	471	1,560
Interchangeable tools for hand-tools or for machine tools	1,623	997	626
All other articles	6,814	4,739	2,075
Total	255,723	211,606	44,118
Machinery and equipment:			
Internal combustion engines and parts thereof	3,860	1,910	1,950
Pumps and compressors, and parts thereof	395	169	225
Lifting, handling, loading, and unloading machinery and parts thereof	38	33	6
Machines for working metal, stone, and other materials, except gas-operated metalworking appliances	659	367	292
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	2,248	1,358	890
Miscellaneous machinery parts	22,688	14,916	7,772
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	643	427	216
Microphones, loudspeakers, and related equipment; and radiotelegraphic and radiotelephonic apparatus and related equipment	111	34	77
Articles for making and breaking electrical circuits	154,468	114,675	39,792
Semiconductors	2,010	966	1,044
Miscellaneous electrical articles	269	157	113
Parts for rail locomotives and rolling stock	10	5	5
Bodies and chassis for motor vehicles, and other motor vehicle parts	1,219	564	655
Parts of aircraft and space-craft	455,127	132,939	322,188
All other articles	1,844	1,472	372
Total	645,590	269,994	375,596
Miscellaneous manufactures	109	37	72
Grand total	901,518	481,684	419,834

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-5
U.S. imports for consumption from Mexico under HTS subheading 9802.00.60, by commodity groups,
1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Agricultural products	533	53	481
Textiles, apparel, and footwear	5	4	1
Minerals and metals:			
Iron and steel mill products, all grades	72,074	50,664	21,410
Shapes and plates of iron or steel, all grades	9	9	(¹)
Pipe and tubing of iron or steel, all grades	1,870	1,386	483
Wire and wire products of iron or steel, all grades	1,330	683	647
Sheets and strip of iron or steel, all grades, including tin mill products	67,585	47,670	19,915
Other	1,281	916	364
Copper, wrought	1	1	(¹)
Aluminum	5,468	4,407	1,061
Aluminum, wrought other than foil	5,468	4,407	1,061
Hinges, fittings and mountings, n.s.p.f.	2,439	1,781	657
Interchangeable tools for hand-tools or for machine tools	2	2	(¹)
All other articles	6,804	5,069	1,735
Total	86,789	61,926	24,863
Machinery and equipment:			
Internal combustion engines and parts thereof	9,312	7,333	1,979
Pumps and compressors, and parts thereof	153	139	14
Lifting, handling, loading, and unloading machinery and parts thereof	26	26	(¹)
Machines for working metal, stone, and other materials, except gas-operated metalworking appliances	50	29	22
Office machines and parts thereof	94	51	43
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	2,166	1,765	402
Miscellaneous machinery parts	263	109	154
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	19,791	14,521	5,270
Articles for making and breaking electrical circuits	688	432	256
Miscellaneous electrical articles	378	273	105
Bodies and chassis for motor vehicles, and other motor vehicle parts	21,828	17,345	4,483
Parts of aircraft and space-craft	58	56	1
All other articles	2,886	1,630	1,257
Total	57,693	43,709	13,984
Miscellaneous manufactures	40,072	32,875	7,197
Grand total	185,093	138,567	46,526

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-6
U.S. Imports for consumption under HTS subheading 9802.00.60, by principal sources, 1990

Source	Total value		Duty-free value	
	Value	Percent of total	Value	Percent of total
	Million dollars		Million dollars	
Grand total	1,379.8	100.0	818.4	100.0
Top 10 sources, total	1,361.2	98.7	808.4	98.8
Canada	901.5	65.3	481.7	58.8
Japan	188.7	13.7	129.4	15.8
Mexico	185.1	13.4	138.6	16.9
Germany	30.5	2.2	17.2	2.1
France	20.5	1.5	12.9	1.6
Dominican Republic	16.8	1.2	16.4	2.0
Korea	5.8	.4	3.1	.4
Taiwan	4.7	.3	4.1	.5
United Kingdom	3.9	.3	2.1	.3
Greece	3.7	.3	2.9	.4
All other	18.6	1.3	10.0	1.2

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-7
U.S. Imports for consumption from Japan under HTS subheading 9802.00.60, by commodity groups, 1990
(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Minerals and metals:			
Iron and steel mill products, all grades	691	487	204
Sheets and strip of iron or steel, all grades, including tin mill products	691	487	204
Copper, wrought	18,182	10,268	7,914
Aluminum	167,798	117,700	50,098
Aluminum, wrought other than foil	157,373	112,536	44,837
Aluminum foil	10,425	5,164	5,261
Titanium, wrought	407	233	173
Interchangeable tools for hand-tools or for machine tools	37	34	3
All other articles	274	243	31
Total	187,389	128,965	58,424
Machinery and equipment:			
Miscellaneous machinery parts	68	60	8
Parts for rail locomotives and rolling stock	392	85	307
Bodies and chassis for motor vehicles, and other motor vehicle parts	55	10	44
Parts of aircraft and space-craft	780	315	466
Total	1,295	470	825
Grand total	188,684	129,435	59,249

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-8
U.S. imports for consumption from Germany under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Chemicals, coal, petroleum, natural gas, and related products:			
Certain inorganic chemical compounds	17,072	9,572	7,499
Minerals and metals:			
Iron and steel mill products, all grades	10	8	2
Other	10	8	2
Copper, wrought	2,861	2,028	833
Aluminum	8,159	4,605	3,555
Aluminum, wrought other than foil	187	99	88
Aluminum foil	7,973	4,506	3,467
Tantalum, unwrought, unalloyed	924	524	400
Tungsten, unwrought	376	46	330
Hinges, fittings and mountings, n.s.p.f	226	30	196
All other articles	182	81	100
Total	12,738	7,323	5,415
Machinery and equipment:			
Machines for working metal, stone, and other materials, except gas-operated metalworking appliances	44	25	19
Miscellaneous machinery parts	543	244	299
Total	588	269	318
Miscellaneous manufactures	72	57	14
Grand total	30,469	17,222	13,247

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-9
U.S. imports for consumption from France under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
Iron and steel mill products, all grades:			
Sheets and strip of iron or steel, all grades, including tin mill products	4,080	2,553	1,527
Aluminum	15,914	10,174	5,739
Aluminum, wrought other than foil	15,540	10,030	5,510
Aluminum foil	373	144	229
All other articles	492	133	359
Total	20,485	12,860	7,625
Machinery and equipment:			
Miscellaneous electrical articles	17	16	1
Grand total	20,502	12,876	7,626

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-10
U.S. imports for consumption from the Dominican Republic under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Miscellaneous manufactures	16,771	16,378	393

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-11
U.S. imports for consumption from Korea under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
Iron and steel mill products, all grades:			
Sheets and strip of iron or steel, all grades, including tin mill products	5,712	3,087	2,625
Machinery and equipment:			
Semiconductors	95	39	55
Miscellaneous manufactures	26	12	14
Grand total	5,833	3,139	2,695

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-12
U.S. imports for consumption from Taiwan under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
Iron and steel mill products, all grades:			
Sheets and strip of iron or steel, all grades, including tin mill products	4,705	4,085	619
Machinery and equipment:			
Semiconductors	20	8	11
Grand total	4,724	4,094	631

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-13
U.S. imports for consumption from United Kingdom under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
Iron and steel mill products, all grades	198	140	58
Sheets and strip of iron or steel, all grades, including tin mill products	16	5	11
Other	182	135	47
Aluminum	93	36	57
Aluminum foil	93	36	57
Nickel, wrought	14	9	5
Lead, unwrought	43	27	16
Interchangeable tools for hand-tools or for machine tools	3	2	1
All other articles	3	1	2
Total	354	216	139
Machinery and equipment:			
Internal combustion engines and parts thereof	3,182	1,866	1,316
Parts of aircraft and space-craft	334	21	314
Total	3,517	1,887	1,630
Grand total	3,871	2,103	1,768

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-14
U.S. imports for consumption from Greece under HTS subheading 9802.00.60, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
Iron and steel mill products, all grades	3,708	2,860	848
Sheets and strip of iron or steel, all grades, including tin mill products	3,640	2,802	838
Other	67	58	10
Total	3,708	2,860	848

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-15

U.S. Imports for consumption under HTS heading 9802.00.80: Value and share of total, by principal sources, 1987-90

Source	1987					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	21,001.5	3,782.5	17,219.0	31.1	30.2	31.3
Japan	14,706.3	379.1	14,327.1	21.8	3.0	26.0
Germany	7,978.3	126.2	7,852.1	11.8	1.0	14.3
United Kingdom	1,864.8	267.1	1,597.8	2.8	2.1	2.9
France	1,708.7	259.8	1,448.9	2.5	2.1	2.6
Sweden	1,397.5	86.5	1,311.1	2.1	.7	2.4
Belgium and Luxembourg	338.4	10.2	328.2	.5	.1	.6
Italy	271.7	49.2	222.5	.4	.4	.4
Netherlands	111.3	29.8	81.5	.2	.2	.1
Ireland	34.5	10.9	23.5	.1	.1	(¹)
Denmark	19.0	1.4	17.7	(¹)	(¹)	(¹)
Finland	16.3	2.6	13.7	(¹)	(¹)	(¹)
Switzerland	10.0	2.0	8.0	(¹)	(¹)	(¹)
Australia	6.0	2.1	4.0	(¹)	(¹)	(¹)
Norway	3.3	1.0	2.4	(¹)	(¹)	(¹)
All other	5.8	.5	5.2	(¹)	(¹)	(¹)
Total, developed countries	49,473.6	5,010.8	44,462.8	73.2	40.0	80.7
Mexico	8,576.4	4,417.2	4,159.1	12.7	35.3	7.6
Korea	2,676.1	391.2	2,284.9	4.0	3.1	4.1
Singapore	1,697.9	386.5	1,311.4	2.5	3.1	2.4
Malaysia	1,075.2	622.0	453.2	1.6	5.0	.8
Taiwan	941.1	234.3	706.8	1.4	1.9	1.3
Philippines	643.1	322.0	321.2	1.0	2.6	.6
Brazil	593.3	88.1	505.2	.9	.7	.9
Dominican Republic	428.6	294.3	134.4	.6	2.3	.2
Hong Kong	359.9	83.8	276.1	.5	.7	.5
Haiti	232.6	164.5	68.1	.3	1.3	.1
Thailand	221.3	149.4	71.9	.3	1.2	.1
Costa Rica	145.8	97.5	48.3	.2	.8	.1
Jamaica	115.8	85.4	30.4	.2	.7	.1
Yugoslavia	71.7	8.2	63.5	.1	.1	.1
Colombia	48.0	30.6	17.4	.1	.2	(¹)
All other	294.5	141.4	153.0	.4	1.1	.3
Total, less developed countries ..	18,121.5	7,516.4	10,605.1	26.8	60.0	19.3
Grand total	67,595.1	12,527.2	55,067.8	100.0	100.0	100.0

See notes at end of table.

Table B-15—Continued

U.S. imports for consumption under HTS heading 9802.00.80: Value and share of total, by principal sources, 1987-90

Source	1988					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	24,776.9	6,517.9	18,259.0	34.0	39.9	32.3
Japan	15,717.7	257.1	15,460.6	21.6	1.6	27.4
Germany	4,884.0	97.1	4,786.9	6.7	.6	8.5
Sweden	1,715.7	49.5	1,666.2	2.4	.3	3.0
United Kingdom	1,643.4	213.0	1,430.3	2.3	1.3	2.5
France	1,381.6	205.7	1,175.9	1.9	1.3	2.1
Belgium	343.5	7.3	336.2	.5	(¹)	.6
Italy	253.5	17.6	236.0	.3	.1	.4
Netherlands	246.0	43.6	202.4	.3	.3	.4
Ireland	32.1	8.9	23.2	(¹)	.1	(¹)
Denmark	16.4	.9	15.5	(¹)	(¹)	(¹)
Norway	5.9	1.8	4.1	(¹)	(¹)	(¹)
Switzerland	5.1	1.3	3.8	(¹)	(¹)	(¹)
Australia	3.6	1.3	2.3	(¹)	(¹)	(¹)
Liechtenstein	3.6	.5	3.1	(¹)	(¹)	(¹)
All other	4.2	1.0	3.1	(¹)	(¹)	(¹)
Total, developed countries	51,033.2	7,424.5	43,608.7	70.1	45.4	77.2
Mexico	10,653.5	5,299.8	5,353.7	14.6	32.4	9.5
Korea	3,088.7	543.8	2,544.9	4.2	3.3	4.5
Singapore	1,856.9	442.0	1,414.9	2.6	2.7	2.5
Malaysia	1,211.7	656.3	555.4	1.7	4.0	1.0
Taiwan	1,027.4	238.7	788.7	1.4	1.5	1.4
Brazil	820.3	115.7	704.6	1.1	.7	1.2
Philippines	639.8	295.4	344.5	.9	1.8	.6
Dominican Republic	562.4	381.1	181.3	.8	2.3	.3
Thailand	397.6	181.7	215.8	.5	1.1	.4
Hong Kong	369.8	142.0	227.8	.5	.9	.4
Haiti	215.6	146.4	69.2	.3	.9	.1
Costa Rica	205.2	140.2	64.9	.3	.9	.1
Jamaica	139.1	97.4	41.7	.2	.6	.1
Yugoslavia	91.9	10.1	81.8	.1	.1	.1
Colombia	82.6	50.0	32.6	.1	.3	.1
All other	407.8	189.0	218.8	.5	1.1	.4
Total, less developed countries ..	21,770.3	8,929.6	12,840.7	29.9	54.6	22.8
Grand total	72,803.5	16,354.1	56,449.4	100.0	100.0	100.0

See notes at end of table.

Table B-15—Continued

U.S. imports for consumption under HTS heading 9802.00.80: Value and share of total, by principal sources, 1987-90

Source	1989					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	25,725.9	8,478.4	17,247.5	35.2	44.8	31.9
Japan	16,838.4	392.3	16,446.1	23.1	2.1	30.4
Germany	3,932.6	65.1	3,867.5	5.4	.3	7.1
Sweden	1,761.1	39.1	1,722.0	2.4	.2	3.2
United Kingdom	1,320.4	146.0	1,174.5	1.8	.8	2.2
France	725.8	96.5	629.3	1.0	.5	1.2
Belgium	426.6	6.4	420.2	.6	(¹)	.8
Italy	362.5	55.4	307.1	.5	.3	.6
Netherlands	295.0	65.3	229.7	.4	.3	.4
Austria	47.4	12.8	34.6	.1	.1	.1
Ireland	26.8	7.7	19.1	(¹)	(¹)	(¹)
Denmark	15.9	.5	15.4	(¹)	(¹)	(¹)
Australia	12.4	2.0	10.4	(¹)	(¹)	(¹)
Switzerland	6.4	1.1	5.3	(¹)	(¹)	(¹)
Norway	2.4	.7	1.7	(¹)	(¹)	(¹)
All other	3.2	1.2	2.0	(¹)	(¹)	(¹)
Total, developed countries	51,502.7	9,370.4	42,132.3	70.5	49.5	77.9
Mexico	11,766.7	5,969.0	5,797.7	16.1	31.5	10.7
Korea	1,978.0	574.1	1,403.9	2.7	3.0	2.6
Singapore	1,376.9	342.2	1,034.8	1.9	1.8	1.9
Malaysia	1,315.6	596.0	719.6	1.8	3.2	1.3
Taiwan	1,061.7	259.7	802.1	1.5	1.4	1.5
Brazil	933.5	98.2	835.3	1.3	.5	1.5
Dominican Republic	665.0	456.5	208.5	.9	2.4	.4
Philippines	588.9	247.6	341.3	.8	1.3	.6
Hong Kong	306.4	97.5	209.0	.4	.5	.4
Thailand	277.7	154.7	122.9	.4	.8	.2
Costa Rica	277.5	187.6	89.9	.4	1.0	.2
Haiti	220.7	154.6	66.0	.3	.8	.1
Jamaica	164.4	116.9	47.5	.2	.6	.1
Colombia	102.5	57.3	45.1	.1	.3	.1
Guatemala	80.0	42.0	37.9	.1	.2	.1
All other	413.6	196.8	216.7	.6	1.0	.4
Total, less developed countries ..	21,529.0	9,550.8	11,978.2	29.5	50.5	22.1
Grand total	73,031.8	18,921.3	54,110.5	100.0	100.0	100.0

See notes at end of table.

Table B-15—Continued

U.S. imports for consumption under HTS heading 9802.00.80: Value and share of total, by principal sources, 1987-90

Source	1990					
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
	Million dollars			Percent		
Canada	23,957.7	9,538.2	14,419.5	31.9	45.8	26.6
Japan	17,106.8	582.4	16,524.4	22.8	2.8	30.4
Germany	5,771.0	94.6	5,676.3	7.7	.5	10.5
Sweden	1,610.0	48.6	1,561.4	2.1	.2	2.9
United Kingdom	1,434.7	166.9	1,267.8	1.9	.8	2.3
France	976.0	110.2	865.8	1.3	.5	1.6
Italy	452.8	57.5	395.3	.6	.3	.7
Belgium	444.5	7.5	437.0	.6	(¹)	.8
Netherlands	378.5	91.0	287.5	.5	.4	.5
Australia	148.7	10.9	137.8	.2	.1	.3
Austria	43.0	13.3	29.7	.1	.1	.1
Ireland	39.9	11.9	28.0	.1	.1	.1
Switzerland	9.9	1.0	8.9	(¹)	(¹)	(¹)
Denmark	9.0	.4	8.6	(¹)	(¹)	(¹)
Norway	2.7	.9	1.8	(¹)	(¹)	(¹)
All other .....	.8	.2	.6	(¹)	(¹)	(¹)
Total, developed countries	52,386.1	10,735.5	41,650.7	69.8	51.6	76.7
Mexico	12,811.0	6,387.3	6,423.6	17.1	30.7	11.8
Korea	2,182.3	602.1	1,580.2	2.9	2.9	2.9
Malaysia	1,351.2	578.1	773.1	1.8	2.8	1.4
Singapore	1,334.3	352.9	981.5	1.8	1.7	1.8
Taiwan	957.2	235.4	721.8	1.3	1.1	1.3
Dominican Republic	697.0	483.0	214.0	.9	2.3	.4
Brazil	655.8	65.5	590.3	.9	.3	1.1
Philippines	595.8	259.4	336.4	.8	1.2	.6
Thailand	481.4	196.9	284.4	.6	.9	.5
Costa Rica	308.2	212.7	95.5	.4	1.0	.2
Hong Kong	306.3	97.4	208.8	.4	.5	.4
Haiti	187.5	132.9	54.6	.2	.6	.1
Jamaica	161.4	120.2	41.1	.2	.6	.1
Guatemala	118.2	59.0	59.2	.2	.3	.1
Colombia	116.4	63.0	53.4	.2	.3	.1
All other	458.1	227.3	230.8	.6	1.1	.4
Total, less developed countries ..	22,722.1	10,073.2	12,648.9	30.2	48.4	23.3
Grand total	75,108.2	20,808.6	54,299.6	100.0	100.0	100.0

¹ Less than .05 percent.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-16
U.S. Imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1987			1988		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Agricultural products:						
Mushrooms and truffles	12,972	928	12,044	8,433	620	7,813
All other articles	6,510	605	5,904	4,658	539	4,119
Total	19,481	1,533	17,948	13,091	1,159	11,932
Forest products:						
Disposable paper garments and other articles	142,470	115,381	27,090	152,682	125,364	27,318
All other articles	40,373	7,431	32,942	38,896	10,173	28,723
Total	182,843	122,812	60,032	191,579	135,537	56,042
Textiles, apparel, and footwear:						
Women's, girls', and infants' shirts and blouses	164,660	93,722	70,938	163,809	91,293	72,516
Women's, girls', and infants' coats and jackets	42,037	25,323	16,714	57,243	33,361	23,881
Women's, girls', and infants' trousers, slacks, and shorts	130,915	84,186	46,729	194,463	118,396	76,067
Men's and boys' shirts	149,010	76,683	72,327	191,938	103,642	88,296
Men's and boys' coats and jackets ..	60,762	35,593	25,169	75,061	47,298	27,762
Men's and boys' trousers, slacks, and shorts	296,828	211,435	85,393	395,782	278,385	117,397
Body-supporting garments	180,565	120,074	60,492	232,466	156,025	76,441
Gloves	29,905	16,978	12,927	37,432	18,051	19,380
Footwear	300,767	89,452	211,315	475,867	122,983	352,884
All other articles	485,987	311,302	174,685	558,051	342,124	215,927
Total	1,841,437	1,064,748	776,688	2,382,111	1,311,559	1,070,552
Chemicals, coal, petroleum, natural gas, and related products:						
Fabricated rubber and plastic products	82,313	27,891	54,422	117,157	42,164	74,993
All other articles	21,738	13,940	7,799	11,098	4,848	6,251
Total	104,051	41,831	62,221	128,255	47,012	81,243
Minerals and metals:						
Metallic containers	8,446	5,136	3,310	5,330	1,691	3,639
Locks and padlocks	58,289	35,218	23,071	73,740	45,464	28,276
Handtools	10,982	8,271	2,711	15,466	7,886	7,579
Structures of base metal	11,277	2,556	8,721	13,403	2,752	10,651
Nonelectric heating and cooking apparatus other than cast iron stoves	24,441	5,882	18,559	24,005	7,383	16,622
Miscellaneous metal products and articles	134,681	27,822	106,860	154,912	40,154	114,757
All other articles	147,721	77,709	70,011	73,004	20,910	52,094
Total	395,837	162,595	233,242	359,860	126,241	233,619
Machinery and equipment:						
Steam engines, turbines, and boilers; and gas generators and parts thereof	6,468	1,116	5,352	7,185	1,533	5,652
Internal combustion engines, piston-type, and parts thereof	2,382,814	324,271	2,058,543	2,564,867	375,497	2,189,370
Internal combustion engines, non-piston type, and parts thereof	731,587	155,244	576,343	391,000	52,407	338,594
Pumps for liquids and parts thereof .	25,762	13,741	12,021	29,207	14,944	14,263

See notes at end of table.

Table B-16—Continued

U.S. imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1987			1988		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued						
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	80,696	51,709	28,988	67,430	41,217	26,213
Compressors and parts thereof	94,897	19,281	75,616	124,998	24,108	100,890
Air-conditioning machines and parts thereof	89,309	31,190	58,119	121,301	36,334	84,967
Furnace burners and non-electric industrial furnaces and ovens and parts thereof; and refrigerators and refrigeration equipment, and parts thereof	17,826	5,432	12,394	26,547	10,618	15,928
Centrifuges and filtering and purifying machinery and parts thereof	30,723	7,943	22,780	40,792	11,025	29,767
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	12,583	993	11,591	5,835	881	4,954
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	281,680	65,866	215,814	365,314	89,406	275,908
Lifting, handling, loading, unloading machinery and parts thereof	136,041	43,416	92,626	133,371	38,722	94,649
Pulp and paper machinery; and bookbinding and printing machinery	38,744	6,876	31,868	51,536	11,208	40,328
Sewing machines and parts thereof including furniture specially designed for such machines	32,882	2,177	30,705	18,588	721	17,867
Machines for working metal, stone, and other materials	187,619	39,238	148,382	148,805	40,029	108,776
Office machines and parts thereof . .	2,237,276	493,910	1,743,366	2,605,352	556,978	2,048,374
Automatic vending machines and parts thereof	5,135	1,546	3,589	930	121	808
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	80,300	45,173	35,127	103,489	58,411	45,078
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	4,934	2,472	2,462	9,667	4,047	5,620
Other miscellaneous machinery and mechanical equipment and parts thereof	314,746	64,968	249,778	243,035	58,547	184,488
Transformers	45,487	19,406	26,081	59,444	24,591	34,853
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	556,800	271,793	285,007	638,884	314,375	324,509
Portable electric hand tools	24,252	7,232	17,020	44,681	23,109	21,572
Electric household appliances	206,175	80,765	125,409	214,634	96,385	118,250
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	27,448	15,390	12,058	53,410	13,298	40,111

See notes at end of table.

Table B-16—Continued

U.S. imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1987			1988		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued						
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	189,936	55,164	134,772	209,627	60,441	149,186
Microphones, loudspeakers, and related equipment	31,417	9,167	22,250	53,905	20,458	33,447
Television receivers	549,139	109,335	439,804	858,747	189,916	668,831
Television apparatus and parts, other than cameras, receivers, and picture tubes	533,169	119,267	413,901	534,942	121,314	413,627
Radio receivers and transceivers and parts thereof	348,129	110,367	237,761	291,859	91,479	200,380
Record players, phonographs, record changers, and turntables, and parts thereof	7,848	4,552	3,296	10,065	5,031	5,035
Tape recorders, tape players, and dictation machines	613,010	120,040	492,971	655,865	117,593	538,272
Miscellaneous radiotelegraphic and radiotelephonic apparatus	3,092	1,059	2,032	5,793	988	4,804
Other miscellaneous electrical products and parts	259,055	145,809	113,246	378,187	173,273	204,914
Electrical capacitors	183,922	126,699	57,223	165,721	114,717	51,004
Articles for making and breaking electrical circuits	588,921	354,805	234,117	759,030	452,638	306,391
Voltage regulators	3,950	2,647	1,303	4,483	2,922	1,561
Electrical resistors	68,979	43,094	25,885	74,271	46,826	27,445
Electric lamps	46,768	19,363	27,405	72,158	38,981	33,177
Electronic tubes (except X-ray)	61,508	20,545	40,963	54,383	22,754	31,629
Semiconductors	3,780,927	2,133,281	1,647,645	4,360,478	2,395,593	1,964,885
Electrical conductors	971,539	603,174	368,365	1,181,345	748,148	433,197
Miscellaneous electrical articles	186,625	88,482	98,143	198,528	98,582	99,946
Rail locomotives and rolling stock ..	458,316	172,531	285,786	285,551	85,488	200,063
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	41,760,769	3,362,449	38,398,320	44,056,359	5,839,003	38,217,356
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	3,415,005	655,506	2,759,499	3,921,451	921,728	2,999,723
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts ..	1,732,436	476,841	1,255,596	1,615,503	503,519	1,111,984
Pleasure boats; floating structures ..	206,679	59,440	147,238	226,034	53,791	172,242
All other articles	34	22	11	117	9	109
Total	63,653,357	10,564,786	53,088,571	68,044,701	14,003,706	54,040,995
Miscellaneous manufactures:						
Handbags	4,065	1,931	2,135	4,067	2,455	1,612
Luggage	33,380	17,849	15,531	30,280	15,869	14,411
Flat goods	2,941	1,338	1,603	1,953	1,061	892
Optical instruments, components and lenses	16,966	8,201	8,765	23,951	7,967	15,984
Surgical and medical instruments and apparatus	195,284	104,705	90,580	270,496	143,895	126,601
Scientific instruments	290,830	114,658	176,172	248,535	126,289	122,246

See notes at end of table.

Table B-16—Continued

U.S. imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1987			1988		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Miscellaneous manufactures—Continued						
Balancing machines, and parts, and other drawing, measuring, and mathematical calculating instruments, and machines, n.s.p.f	61,307	19,456	41,851	55,660	17,258	38,403
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	79,342	24,537	54,805	85,885	22,811	63,075
Photographic equipment and supplies	79,753	37,933	41,820	112,764	53,110	59,654
Magnetic recording media not having any material recorded thereon . . .	27,392	5,385	22,007	91,293	21,806	69,487
Musical instruments, parts and accessories	19,888	6,100	13,789	21,178	6,098	15,081
Furniture, mattresses, and pillows, cushions, and similar furnishings .	421,868	116,855	305,013	540,517	189,943	350,574
Small arms (bore diameter 30mm and under)	3,825	71	3,754	3,866	45	3,821
Ammunition and munitions	1,103	125	978	1,196	137	1,059
Game machines, except coin or disc operated	1,288	37	1,250	823	200	623
Fishing tackle	2,462	1,104	1,358	3,442	1,768	1,674
Baseball and softball equipment . . .	13,611	10,440	3,171	10,612	8,502	2,110
Dolls and stuffed toy figures of animate objects	513	189	324	1,351	112	1,240
Toys (except games), models, tricks, and party favors	12,565	6,458	6,107	54,265	25,360	28,904
Jewelry	67,858	63,447	4,411	54,786	50,434	4,351
All other articles	61,799	28,111	33,688	66,968	33,778	33,189
Total	1,398,042	568,928	829,113	1,683,888	728,898	954,990
Grand total	67,595,048	12,527,233	55,067,815	72,803,484	16,354,111	56,449,373

See notes at end of table.

Table B-16—Continued

U.S. Imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Agricultural products:						
Mushrooms and truffles	6,627	470	6,157	6,633	429	6,204
All other articles	1,393	344	1,049	1,051	550	501
Total	8,020	814	7,206	7,685	979	6,705
Forest products:						
Disposable papers garments and other articles	187,293	146,064	41,229	35,392	23,412	11,981
All other articles	35,285	9,386	25,899	33,952	12,193	21,759
Total	222,579	155,450	67,129	69,345	35,604	33,740
Textiles, apparel, and footwear:						
Women's, girls', and infants' shirts and blouses	184,516	106,300	78,216	190,073	115,549	74,524
Women's, girls', and infants' coats and jackets	74,960	42,310	32,651	118,934	62,982	55,952
Women's, girls', and infants' trousers, slacks, and shorts	275,035	158,404	116,631	301,042	181,269	119,773
Men's and boys' shirts	208,799	125,093	83,706	230,131	136,942	93,189
Men's and boys' coats and jackets ..	79,596	49,266	30,330	66,125	37,497	28,628
Men's and boys' trousers, slacks, and shorts	501,430	341,253	160,177	495,372	336,344	159,028
Body-supporting garments	255,627	171,806	83,822	277,495	184,949	92,546
Gloves	34,412	20,125	14,287	38,477	24,247	14,230
Footwear	499,584	90,458	409,126	908,088	96,934	811,154
All other articles	642,604	405,828	236,776	898,322	582,470	315,852
Total	2,756,565	1,510,844	1,245,721	3,524,058	1,759,183	1,764,875
Chemicals, coal, petroleum, natural gas, and related products:						
Fabricated rubber and plastic products	91,951	50,032	41,919	88,206	50,493	37,714
All other articles	19,579	4,043	15,536	20,373	8,256	12,116
Total	111,530	54,075	57,454	108,579	58,749	49,830
Minerals and metals:						
Metallic containers	6,803	909	5,894	5,516	807	4,708
Locks and padlocks	106,490	66,044	40,446	102,201	69,749	32,452
Handtools	18,164	9,961	8,203	24,238	10,747	13,491
Structures of base metal	15,403	3,675	11,728	16,330	4,798	11,532
Nonelectric heating and cooking apparatus other than cast iron stoves	23,804	5,961	17,843	21,159	5,619	15,540
Miscellaneous metal products and articles	163,316	47,879	115,437	149,525	43,507	106,018
All other articles	77,666	34,437	43,229	89,454	48,157	41,296
Total	411,646	168,865	242,781	408,421	183,384	225,037
Machinery and equipment:						
Steam engines, turbines, and boilers; and gas generators and parts thereof	3,718	758	2,961	3,172	1,177	1,994
Internal combustion engines, piston-type, and parts thereof	2,346,091	256,967	2,089,124	2,047,544	247,251	1,800,293
Internal combustion engines, non-piston type, and parts thereof	235,700	59,697	176,003	327,774	67,475	260,299

See notes at end of table.

Table B-16—Continued

U.S. imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued						
Pumps for liquids and parts thereof	35,356	16,275	19,081	38,475	16,955	21,520
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	60,750	34,786	25,965	39,791	21,737	18,054
Compressors and parts thereof	184,009	31,984	152,025	125,513	27,356	98,157
Air-conditioning machines and parts thereof	125,631	33,480	92,151	68,991	19,696	49,294
Furnace burners and non-electric industrial furnaces and ovens and parts thereof; and refrigerators and refrigeration equipment, and parts thereof	39,217	14,107	25,111	18,911	3,804	15,107
Centrifuges and filtering and purifying machinery and parts thereof	54,795	28,135	26,660	56,069	17,732	38,338
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	11,067	1,869	9,198	6,666	1,197	5,469
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	342,077	89,843	252,234	343,319	91,573	251,745
Lifting, handling, loading, unloading machinery and parts thereof	197,124	58,033	139,091	178,996	57,467	121,529
Pulp and paper machinery; and bookbinding and printing machinery	67,818	11,112	56,706	64,988	13,660	51,327
Sewing machines and parts thereof including furniture specially designed for such machines	21,674	152	21,523	14,459	127	14,332
Machines for working metal, stone, and other materials	161,857	48,356	113,500	181,960	41,379	140,581
Office machines and parts thereof	1,861,481	470,711	1,390,770	2,104,447	543,859	1,560,588
Automatic vending machines and parts thereof	1,358	206	1,152	1,021	707	314
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	94,377	61,848	32,529	138,790	84,541	54,250
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	16,098	3,554	12,543	27,166	6,908	20,258
Other miscellaneous machinery and mechanical equipment and parts there	260,556	76,604	183,952	231,524	62,792	168,732
Transformers	126,913	70,706	56,207	170,444	93,250	77,193
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	526,744	287,471	239,273	495,207	258,994	236,213

See notes at end of table.

Table B-16—Continued
U.S. Imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued						
Portable electric hand tools	23,289	12,983	10,305	15,789	7,533	8,256
Electric household appliances	320,368	128,943	191,425	286,330	132,162	154,168
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	14,884	4,511	10,373	12,525	4,743	7,782
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	174,152	52,421	121,731	149,680	53,456	96,224
Microphones, loudspeakers, and related equipment	83,125	30,479	52,647	78,290	25,728	52,562
Television receivers	1,371,135	311,242	1,059,893	1,480,667	323,155	1,157,512
Television apparatus and parts, other than cameras, receivers, and picture tubes	146,289	36,726	109,563	173,629	46,292	127,336
Radio receivers and transceivers and parts thereof	703,569	142,810	560,759	481,700	73,639	408,060
Record players, phonographs, record changers, and turntables, and parts thereof	6,529	2,233	4,296	2,813	1,173	1,640
Tape recorders, tape players, and dictation machines	164,370	16,380	147,990	73,785	13,921	59,864
Miscellaneous radiotelegraphic and radiotelephonic apparatus	63,331	21,073	42,258	61,242	21,373	39,869
Other miscellaneous electrical products and parts	259,250	110,948	148,302	344,210	110,769	233,440
Electrical capacitors	167,612	114,303	53,310	166,070	108,187	57,883
Articles for making and breaking electrical circuits	931,619	528,411	403,208	1,772,618	1,370,009	402,609
Voltage regulators	45,929	21,542	24,387	55,196	26,644	28,552
Electrical resistors	76,179	45,926	30,253	71,595	41,322	30,274
Electric lamps	58,388	34,836	23,552	100,304	48,625	51,679
Electronic tubes (except X-ray)	104,335	39,711	64,624	110,411	46,685	63,726
Semiconductors	4,753,277	2,588,245	2,165,032	4,961,283	2,745,050	2,216,232
Electrical conductors	1,415,343	854,839	560,504	1,367,864	810,326	557,537
Miscellaneous electrical articles	105,914	56,886	49,028	132,183	52,303	79,880
Rail locomotives and rolling stock	503,980	260,656	243,324	340,654	187,881	152,773
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	44,231,079	7,532,368	36,698,711	45,184,703	8,317,895	36,866,808
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	3,672,384	1,155,539	2,516,845	2,923,616	1,047,801	1,875,815
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	1,162,504	384,255	778,249	1,799,671	595,397	1,204,274
Pleasure boats; floating structures	264,095	45,206	218,889	140,844	47,835	93,009
All other articles	1,840	188	1,652	12,189	1,398	10,791
Total	67,599,181	16,190,314	51,408,866	68,985,084	17,940,943	51,044,141
Miscellaneous manufactures:						
Handbags	6,084	4,400	1,685	4,206	2,845	1,361
Luggage	32,872	18,840	14,032	34,668	20,144	14,524
Flat goods	1,918	1,216	703	3,984	3,005	979

See notes at end of table.

Table B-16—Continued

U.S. Imports for consumption under HTS heading 9802.00.80, by commodity groups, 1987-90

(In thousands of dollars)

Commodity group	1989			1990		
	Total value	Duty-free value	Dutiable value	Total value	Duty-free value	Dutiable value
Optical instruments, components and lenses	14,515	5,503	9,012	16,202	5,475	10,727
Surgical and medical instruments and apparatus	311,540	178,260	133,280	385,638	198,250	187,388
Scientific instruments	373,349	167,602	205,747	370,684	146,034	224,651
Balancing machines, and parts, and other drawing, measuring, and mathematical calculating instruments, and machines, n.s.p.f	2,009	1,001	1,008	1,468	816	652
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	67,970	19,252	48,718	73,008	15,233	57,775
Photographic equipment and supplies	186,421	87,938	98,484	161,058	73,855	87,203
Magnetic recording media not having any material recorded thereon	104,303	30,099	74,204	113,775	33,096	80,679
Musical instruments, parts and accessories	16,375	5,829	10,546	24,340	6,919	17,421
Furniture, mattresses, and pillows, cushions, and similar furnishings	553,632	180,077	373,555	574,432	209,176	365,257
Small arms (bore diameter 30mm and under)	6,736	958	5,778	8,252	529	7,724
Ammunition and munitions	1,444	199	1,244	1,838	382	1,456
Game machines, except coin or disc operated	8,544	3,623	4,921	6,591	3,278	3,313
Fishing tackle	4,222	1,774	2,448	4,765	1,971	2,795
Baseball and softball equipment ...	7,972	6,288	1,684	4,297	3,343	954
Dolls and stuffed toy figures of animate objects	500	35	464	14,624	3,146	11,478
Toys (except games), models, tricks, and party favors	70,619	27,829	42,790	48,152	19,260	28,892
Jewelry	59,913	55,125	4,787	52,120	48,022	4,098
All other articles	91,325	45,042	46,284	100,915	35,016	65,899
Total	1,922,263	840,890	1,081,373	2,005,019	829,793	1,175,226
Grand total	73,031,783	18,921,252	54,110,531	75,108,190	20,808,635	54,299,555

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-17
U.S. imports for consumption from Canada under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Agricultural products:			
All other articles	356	150	206
Forest products:			
Disposable paper garments and other articles	188	87	100
All other articles	17,893	4,086	13,807
Total	18,081	4,173	13,907
Textiles, apparel, and footwear:			
Women's, girls', and infants' shirts and blouses	(¹)	(¹)	(¹)
Women's, girls', and infants' coats and jackets	140	70	70
Women's, girls', and infants' trousers, slacks, and shorts	20	12	7
Men's and boys' coats and jackets	159	98	61
Men's and boys' trousers, slacks, and shorts	8	4	4
Gloves	43	22	21
Footwear	348	19	329
All other articles	27,823	13,686	14,138
Total	28,541	13,911	14,630
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	23,478	5,037	18,442
All other articles	13,099	2,666	10,433
Total	36,577	7,703	28,875
Minerals and metals:			
Metallic containers	5,401	790	4,612
Locks and padlocks	1,894	138	1,756
Handtools	1,000	462	537
Structures of base metal	10,489	1,843	8,647
Nonelectric heating and cooking apparatus other than cast iron stoves	15,700	1,844	13,857
Miscellaneous metal products and articles	83,105	4,458	78,648
All other articles	4,274	1,505	2,770
Total	121,864	11,039	110,825
Machinery and equipment:			
Steam engines, turbines, and boilers; and gas generators and parts thereof	3,172	1,177	1,994
Internal combustion engines, piston-type, and parts thereof	964,292	97,488	866,804
Internal combustion engines, non-piston type, and parts thereof	282,828	36,936	245,892
Pumps for liquids and parts thereof	11,589	3,727	7,862
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	5,538	1,354	4,184
Compressors and parts thereof	30,441	16,788	13,653
Air-conditioning machines and parts thereof	15,675	3,843	11,832
Furnace burners and non-electric industrial furnaces and ovens and parts thereof; and refrigerators and refrigeration equipment, and parts thereof	8,303	1,180	7,124
Centrifuges and filtering and purifying machinery and parts thereof	37,496	6,083	31,413
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	6,081	1,125	4,956
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	181,844	64,597	117,248

See notes at end of table.

Table B-17—Continued

U.S. Imports for consumption from Canada under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued			
Lifting, handling, loading, unloading machinery and parts thereof	72,874	21,889	50,984
Pulp and paper machinery; and bookbinding and printing machinery	16,447	3,656	12,791
Sewing machines and parts thereof including furniture specially designed for such machines	713	39	674
Machines for working metal, stone, and other materials	73,919	14,504	59,415
Office machines and parts thereof	151,759	30,450	121,309
Automatic vending machines and parts thereof	192	15	178
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	26,379	6,568	19,810
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	9,676	3,703	5,974
Other miscellaneous machinery and mechanical equipment and parts thereof	134,208	26,312	107,896
Transformers	3,694	145	3,549
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	33,436	4,541	28,895
Portable electric hand tools	2,106	175	1,931
Electric household appliances	10,251	2,795	7,456
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	10,855	3,992	6,863
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	43,509	4,114	39,395
Microphones, loudspeakers, and related equipment	10,097	1,015	9,082
Television receivers	24,775	6,893	17,882
Television apparatus and parts, other than cameras, receivers, and picture tubes	2,194	276	1,919
Radio receivers and transceivers and parts thereof	67,940	2,834	65,106
Miscellaneous radiotelegraphic and radiotelephonic apparatus ..	4,829	2,218	2,611
Other miscellaneous electrical products and parts	13,533	4,540	8,993
Electrical capacitors	514	120	394
Articles for making and breaking electrical circuits	902,782	806,378	96,404
Voltage regulators	6,525	2,747	3,778
Electrical resistors	276	30	245
Electric lamps	19,319	4,855	14,465
Electronic tubes (except X-ray)	35	13	22
Semiconductors	769,912	629,872	140,041
Electrical conductors	7,439	4,446	2,993
Miscellaneous electrical articles	17,336	5,440	11,896
Rail locomotives and rolling stock	266,883	162,601	104,282
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	17,275,016	6,739,643	10,535,374
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	1,270,130	330,826	939,304
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	537,592	265,889	271,703
Pleasure boats; floating structures	58,444	31,157	27,287
All other articles	3,039	668	2,371
Total	23,395,885	9,359,653	14,036,233

See notes at end of table.

Table B-17—Continued

U.S. imports for consumption from Canada under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Miscellaneous manufactures:			
Luggage	3,312	528	2,784
Flat goods	57	9	47
Optical instruments, components and lenses	3,855	1,691	2,163
Surgical and medical instruments and apparatus	15,105	3,544	11,561
Scientific instruments	68,253	7,972	60,281
Balancing machines, and parts, and other drawing, measuring, and mathematical calculating instruments, and machines, n.s.p.f.	157	118	39
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	372	154	218
Photographic equipment and supplies	145	47	98
Musical instruments, parts and accessories	1,103	68	1,036
Furniture, mattresses, and pillows, cushions, and similar furnishings	254,942	126,153	128,789
Small arms (bore diameter 30mm and under)	1,375	266	1,109
Fishing tackle	26	4	22
Toys (except games), models, tricks, and party favors	535	47	487
Jewelry	33	(¹)	32
All other articles	7,161	987	6,174
Total	356,429	141,589	214,840
Grand total	23,957,735	9,538,218	14,419,516

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-18

U.S. imports for consumption from Mexico under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Agricultural products:			
All other articles	490	303	187
Forest products:			
Disposable paper garments and other articles	35,128	23,294	11,834
All other articles	15,666	7,960	7,706
Total	50,794	31,254	19,540
Textiles, apparel, and footwear:			
Women's, girls', and infants' shirts and blouses	42,947	27,285	15,662
Women's, girls', and infants' coats and jackets	12,706	8,722	3,984
Women's, girls', and infants' trousers, slacks, and shorts	87,034	60,622	26,412
Men's and boys' shirts	13,139	9,433	3,707
Men's and boys' coats and jackets	11,307	7,762	3,545
Men's and boys' trousers, slacks, and shorts	142,964	97,894	45,070
Body-supporting garments	48,706	35,678	13,029
Gloves	12,240	10,284	1,956
Footwear	71,382	52,835	18,547
All other articles	387,715	282,974	104,741
Total	830,141	593,488	236,654
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	56,902	39,493	17,409
All other articles	3,515	2,717	799
Total	60,418	42,209	18,208
Minerals and metal:			
Metallic containers	8	6	2
Locks and padlocks	100,306	69,610	30,696
Handtools	11,358	8,387	2,970
Structures of base metal	5,841	2,955	2,885
Nonelectric heating and cooking apparatus other than cast iron stoves	5,458	3,775	1,683
Miscellaneous metal products and articles	40,415	31,141	9,274
All other articles	49,479	29,216	20,263
Total	212,865	145,092	67,773
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	279,137	97,268	181,869
Internal combustion engines, non-piston type, and parts thereof	31,515	27,977	3,537
Pumps for liquids and parts thereof	12,283	8,141	4,142
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	27,898	19,340	8,559
Compressors and parts thereof	15,921	6,445	9,476
Air-conditioning machines and parts thereof	53,240	15,820	37,420
Furnace burners and non-electric industrial furnaces and ovens and parts thereof; and refrigerators and refrigeration equipment, and parts thereof	10,064	2,341	7,724
Centrifuges and filtering and purifying machinery and parts thereof	15,065	10,547	4,518
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	20	4	17
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	2,516	1,867	649
Lifting, handling, loading, unloading machinery and parts thereof	80,130	27,401	52,729

See notes at end of table.

Table B-18—Continued

U.S. Imports for consumption from Mexico under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Machinery and equipment—Continued			
Pulp and paper machinery; and bookbinding and printing machinery	12,330	8,233	4,098
Machines for working metal, stone, and other materials	29,881	19,853	10,028
Office machines and parts thereof	337,792	157,654	180,138
Automatic vending machines and parts thereof	829	692	136
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	97,492	73,399	24,093
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	1,466	1,036	430
Other miscellaneous machinery and mechanical equipment and parts thereof	57,792	32,192	25,600
Transformers	149,553	90,296	59,257
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	440,384	249,302	191,082
Portable electric hand tools	13,442	7,304	6,138
Electric household appliances	151,237	121,338	29,899
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	957	647	311
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	75,464	40,895	34,569
Microphones, loudspeakers, and related equipment	60,892	23,110	37,782
Television receivers	1,368,125	312,069	1,056,055
Television apparatus and parts, other than cameras, receivers, and picture tubes	168,401	45,399	123,002
Radio receivers and transceivers and parts thereof	260,816	58,220	202,596
Record players, phonographs, record changers, and turntables, and parts thereof	2,813	1,173	1,640
Tape recorders, tape players, and dictation machines	73,578	13,909	59,669
Miscellaneous radiotelegraphic and radiotelephonic apparatus	34,817	14,412	20,404
Other miscellaneous electrical products and parts	170,658	89,764	80,894
Electrical capacitors	152,352	96,701	55,651
Articles for making and breaking electrical circuits	760,577	505,686	254,891
Voltage regulators	47,934	23,663	24,271
Electrical resistors	64,893	38,567	26,326
Electric lamps	74,780	42,912	31,868
Electronic tubes (except X-ray)	87,718	36,079	51,639
Semiconductors	297,425	182,250	115,175
Electrical conductors	1,302,259	780,839	521,420
Miscellaneous electrical articles	59,173	30,401	28,771
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	2,602,160	1,061,650	1,540,510
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	1,049,637	677,692	371,946
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	12,797	9,079	3,718
All other articles	147	36	110
Total	10,548,359	5,063,599	5,484,760
Miscellaneous manufactures:			
Handbags	3,351	2,588	763
Luggage	26,805	16,772	10,032
Flat goods	3,045	2,275	771
Optical instruments, components and lenses	2,330	1,258	1,072

See notes at end of table.

Table B-18—Continued

U.S. Imports for consumption from Mexico under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Miscellaneous manufactures—Continued			
Surgical and medical instruments and apparatus	245,614	164,306	81,308
Scientific instruments	230,210	126,847	103,363
Balancing machines, and parts, and other drawing, measuring, and mathematical calculating instruments, and machines, n.s.p.f	825	679	146
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	6,220	3,845	2,374
Photographic equipment and supplies	35,982	17,977	18,005
Magnetic recording media not having any material recorded thereon	112,128	32,205	79,923
Musical instruments, parts and accessories	18,669	6,502	12,167
Furniture, mattresses, and pillows, cushions, and similar furnishings	319,269	82,986	236,284
Small arms (bore diameter 30mm and under)	112	70	41
Ammunition and munitions	235	211	25
Fishing tackle	2,543	903	1,641
Dolls and stuffed toy figures of animate objects	5,115	2,730	2,384
Toys (except games), models, tricks, and party favors	35,985	17,451	18,535
Jewelry	2,797	2,496	300
All other articles	56,683	29,300	27,383
Total	1,107,920	511,401	596,519
Grand total	12,810,987	6,387,345	6,423,642

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-19

U.S. Imports for consumption under HTS heading 9802.00.80, by principal sources, 1990

<i>Source</i>	<i>Total value</i>		<i>Duty-free value</i>	
	<i>Value</i>	<i>Percent of total</i>	<i>Value</i>	<i>Percent of total</i>
	<i>Million dollars</i>		<i>Million dollars</i>	
Grand total	75,108.2	100.0	20,808.6	100.0
Top 10 sources, total	68,535.0	91.2	18,461.3	88.7
Canada	23,957.7	31.9	9,538.2	45.8
Japan	17,106.8	22.8	582.4	2.8
Mexico	12,811.0	17.1	6,387.3	30.7
Germany	5,771.0	7.7	94.6	.5
Korea	2,182.3	2.9	602.1	2.9
Sweden	1,610.0	2.1	48.6	.2
United Kingdom	1,434.7	1.9	166.9	.8
Malaysia	1,351.2	1.8	578.1	2.8
Singapore	1,334.3	1.8	352.9	1.7
France	976.0	1.3	110.2	.5
All other	6,573.2	8.8	2,347.3	11.3

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-20
U.S. imports for consumption from Japan under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Textiles, apparel, and footwear:			
Gloves	3	1	1
Footwear	134	29	105
All other articles	16	3	14
Total	153	33	120
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	7	2	6
Minerals and metals:			
All other articles	2	(¹)	2
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	57,685	7,691	49,994
Internal combustion engines, non-piston type, and parts thereof	7,220	311	6,908
Pumps for liquids and parts thereof	90	(¹)	90
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	56	50	6
Compressors and parts thereof	62,301	144	62,157
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	121,856	21,755	100,101
Pulp and paper machinery; and bookbinding and printing machinery	9,312	236	9,075
Machines for working metal, stone, and other materials	19,357	1,205	18,152
Office machines and parts thereof	578,105	174,143	403,962
Other miscellaneous machinery and mechanical equipment and parts thereof	21,770	2,477	19,293
Transformers	3	2	2
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	453	227	226
Electric household appliances	271	4	267
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	98	43	55
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	305	64	241
Microphones, loudspeakers, and related equipment	314	92	222
Television receivers	18,739	2,741	15,998
Radio receivers and transceivers and parts thereof	4,694	732	3,962
Miscellaneous radiotelegraphic and radiotelephonic apparatus	858	282	576
Other miscellaneous electrical products and parts	55,021	601	54,420
Articles for making and breaking electrical circuits	112	75	37
Voltage regulators	220	133	87
Electrical resistors	68	61	7
Electronic tubes (except X-ray)	3,075	1,564	1,511
Semiconductors	17,889	10,490	7,399
Electrical conductors	127	18	109
Miscellaneous electrical articles	39,344	10,204	29,140
Rail locomotives and rolling stock	50,284	23,530	26,755
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	15,844,911	312,261	15,532,650
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	126,578	2,349	124,229
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	43	19	23
All other articles	42	41	2
Total	17,041,200	573,543	16,467,658

See notes at end of table.

Table B-20—Continued
U.S. Imports for consumption from Japan under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Miscellaneous manufactures:			
Optical instruments, components and lenses	19	9	10
Surgical and medical instruments and apparatus	40,637	3,188	37,449
Scientific instruments	3,174	317	2,857
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	3,061	831	2,230
Photographic equipment and supplies	114	13	101
Magnetic recording media not having any material recorded thereon	19	7	12
Musical instruments, parts and accessories	2,631	103	2,527
Small arms (bore diameter 30mm and under)	6,766	193	6,573
Game machines, except coin or disc operated	6,485	3,272	3,213
All other articles	2,544	870	1,674
Total	65,449	8,802	56,647
Grand total	17,106,813	582,381	16,524,432

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-21

U.S. Imports for consumption from Germany under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Agricultural products:			
All other articles	10	5	5
Textiles, apparel, and footwear:			
All other articles	61	9	51
Minerals and metals:			
Miscellaneous metal products and articles	4,870	579	4,291
All other articles	62	5	57
Total	4,933	584	4,348
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	532,278	31,988	500,290
Pumps for liquids and parts thereof	27	14	13
Centrifuges and filtering and purifying machinery and parts thereof	3	1	2
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	13	4	9
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	813	48	764
Pulp and paper machinery; and bookbinding and printing machinery	24,166	1,113	23,052
Machines for working metal, stone, and other materials	33,260	3,185	30,075
Office machines and parts thereof	4,588	356	4,232
Other miscellaneous machinery and mechanical equipment and parts thereof	10,452	493	9,959
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	2,523	111	2,411
Electric household appliances	4,920	549	4,371
Microphones, loudspeakers, and related equipment	3	3	(¹)
Television receivers	32	8	23
Radio receivers and transceivers and parts thereof	107	33	74
Miscellaneous radiotelegraphic and radiotelephonic apparatus	25	6	19
Other miscellaneous electrical products and parts	224	28	196
Articles for making and breaking electrical circuits	5,392	1,897	3,496
Voltage regulators	396	66	330
Electric lamps	815	108	708
Miscellaneous electrical articles	350	4	346
Rail locomotives and rolling stock	4,007	80	3,927
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	5,086,768	45,020	5,041,748
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	4,885	562	4,323
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	26,940	6,136	20,804
Total	5,742,987	91,814	5,651,173
Miscellaneous manufactures:			
Optical instruments, components and lenses	57	12	45
Surgical and medical instruments and apparatus	22,021	1,877	20,144
Scientific instruments	691	304	387
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	66	3	63
Photographic equipment and supplies	8	5	4

See notes at end of table.

Table B-21—Continued
U.S. Imports for consumption from Germany under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
<i>Miscellaneous manufactures—Continued</i>			
Magnetic recording media not having any material recorded thereon	117	22	95
Jewelry	3	3	(¹)
All other articles	9	3	6
Total	22,972	2,229	20,743
Grand total	5,770,962	94,642	5,676,320

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-22
U.S. Imports for consumption from Korea under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Textiles, apparel, and footwear:			
Women's, girls', and infants' shirts and blouses	1,909	69	1,840
Women's, girls', and infants' coats and jackets	7,837	972	6,865
Women's, girls', and infants' trousers, slacks, and shorts	1,843	37	1,806
Men's and boys' coats and jackets	638	29	609
Gloves	598	197	401
Footwear	547,330	22,440	524,890
All other articles	20,864	1,810	19,055
Total	581,018	25,553	555,465
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	112	41	71
All other articles	82	43	39
Total	195	84	110
Minerals and metals:			
Miscellaneous metal products and articles	22	15	7
All other articles	120	74	46
Total	142	89	53
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	96	12	84
Pumps for liquids and parts thereof	10,304	3,410	6,894
Lifting, handling, loading, unloading machinery and parts thereof	22,780	7,019	15,761
Office machines and parts thereof	30,902	22,475	8,427
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	88	19	69
Other miscellaneous machinery and mechanical equipment and parts thereof	43	27	16
Transformers	165	22	143
Electric household appliances	36	23	14
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	8,289	852	7,437
Microphones, loudspeakers, and related equipment	3	1	2
Television receivers	2,259	880	1,379
Radio receivers and transceivers and parts thereof	1,500	257	1,244
Other miscellaneous electrical products and parts	252	16	237
Articles for making and breaking electrical circuits	96	21	74
Electrical resistors	893	609	284
Electric lamps	3,354	443	2,911
Electronic tubes (except X-ray)	101	33	68
Semiconductors	806,830	491,676	315,154
Miscellaneous electrical articles	10	7	3
Rail locomotives and rolling stock	161	64	98
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	687,380	44,541	642,840
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	15,061	2,446	12,615
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	19	14	4
Pleasure boats; floating structures	660	162	498
Total	1,591,284	575,029	1,016,254

See notes at end of table.

Table B-22—Continued

U.S. Imports for consumption from Korea under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Miscellaneous manufactures:			
Handbags	268	6	262
Luggage	7	1	6
Flat goods	20	(¹)	20
Surgical and medical instruments and apparatus	1,845	880	965
Scientific instruments	4	4	(¹)
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	439	40	400
Musical instruments, parts and accessories	1,201	32	1,168
Fishing tackle	524	115	408
Toys (except games), models, tricks, and party favors	2,102	117	1,984
Jewelry	29	7	21
All other articles	3,212	125	3,086
Total	9,650	1,327	8,322
Grand total	2,182,288	602,084	1,580,205

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-23
U.S. Imports for consumption from Sweden under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Minerals and metals:			
All other articles	630	62	568
Machinery and equipment:			
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	25,926	656	25,271
Lifting, handling, loading, unloading machinery and parts thereof	197	107	90
Pulp and paper machinery; and bookbinding and printing machinery .	18	11	7
Machines for working metal, stone, and other materials	3,863	22	3,840
Office machines and parts thereof	49	7	42
Other miscellaneous machinery and mechanical equipment and parts thereof	540	140	400
Semiconductors	97	51	46
Rail locomotives and rolling stock	16,455	1,101	15,354
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	1,471,704	23,535	1,448,168
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	12,688	180	12,508
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	65,540	22,276	43,263
Pleasure boats; floating structures	8,946	180	8,767
Total	1,606,023	48,266	1,557,757
Miscellaneous manufactures:			
Optical instruments, components and lenses	1,716	129	1,587
Scientific instruments	62	3	59
Ammunition and munitions	1,603	171	1,432
Total	3,381	303	3,078
Grand total	1,610,034	48,632	1,561,403

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-24

U.S. Imports for consumption from the United Kingdom under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Agricultural products:			
All other articles	24	5	19
Textile, apparel, and footwear:			
Gloves	1	(¹)	(¹)
All other articles	435	84	352
Total	436	84	352
Minerals and metals:			
All other articles	5	1	4
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	9	5	4
Internal combustion engines, non-piston type, and parts thereof	1,526	868	658
Pumps for liquids and parts thereof	3,748	1,430	2,318
Fans and blowers and parts thereof; and air pumps, vacuum pumps, and parts thereof	5,993	872	5,121
Centrifuges and filtering and purifying machinery and parts thereof ..	480	119	361
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	98	11	86
Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and excavating, levelling, boring, and extracting machinery other than elevators, winches, cranes, and related machinery and parts thereof	7,618	1,761	5,857
Lifting, handling, loading, unloading machinery and parts thereof	528	297	231
Pulp and paper machinery; and bookbinding and printing machinery ..	818	314	504
Machines for working metal, stone, and other materials	13,422	2,201	11,221
Office machines and parts thereof	29,315	6,989	22,326
Taps, cocks, valves, and similar devices and parts thereof used to control the flow of liquids, gases or solids	108	38	70
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	732	111	621
Other miscellaneous machinery and mechanical equipment and parts thereof	1,721	153	1,568
Transformers	30	12	18
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	1,661	210	1,450
Electric household appliances	2,438	667	1,771
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	39	18	21
Television receivers	356	43	313
Other miscellaneous electrical products and parts	23,734	3,257	20,477
Articles for making and breaking electrical circuits	386	179	207
Electrical resistors	5	3	2
Electrical conductors	188	29	159
Miscellaneous electrical articles	277	71	207
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	867,627	19,751	847,876
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	16,506	2,489	14,017
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	367,239	99,035	268,205
Total	1,346,602	140,934	1,205,668

See notes at end of table.

Table B-24—Continued

U.S. Imports for consumption from the United Kingdom under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Miscellaneous manufactures:			
Luggage	87	55	33
Optical instruments, components and lenses	263	46	217
Surgical and medical instruments and apparatus	16,795	2,031	14,764
Scientific instruments	12,231	2,076	10,155
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	12	8	5
Photographic equipment and supplies	58,050	21,617	36,433
Jewelry	78	30	48
All other articles	136	11	125
Total	87,653	25,874	61,780
Grand total	1,434,720	166,898	1,267,823

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-25
U.S. imports for consumption from Malaysia under HTS heading 9802.00.80, by commodity groups, 1990
(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Textile, apparel, and footwear:			
Women's, girls', and infants' shirts and blouses	372	23	349
Men's and boys' shirts	1,301	17	1,284
Body-supporting garments	592	328	264
Footwear	71	15	57
All other articles	276	42	234
Total	2,613	425	2,188
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	95	63	32
Machinery and equipment:			
Office machines and parts thereof	11,501	6,210	5,291
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	850	211	639
Electric household appliances	8	5	3
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	6	5	1
Microphones, loudspeakers, and related equipment	127	9	118
Radio receivers and transceivers and parts thereof	182	13	169
Miscellaneous radiotelegraphic and radiotelephonic apparatus	276	1	275
Other miscellaneous electrical products and parts	13,191	2,890	10,301
Articles for making and breaking electrical circuits	11,869	2,657	9,212
Electrical resistors	249	175	74
Semiconductors	1,300,499	564,558	735,941
Electrical conductors	7	(¹)	7
Miscellaneous electrical articles	41	32	8
Total	1,338,804	576,765	762,039
Miscellaneous manufactures:			
Surgical and medical instruments and apparatus	458	79	379
Scientific instruments	9,237	732	8,505
Total	9,695	811	8,884
Grand total	1,351,207	578,065	773,142

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-26
U.S. Imports for consumption from Singapore under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

<i>Commodity group</i>	<i>Total value</i>	<i>Duty-free value</i>	<i>Dutiable value</i>
Textile, apparel, and footwear:			
Women's, girls', and infants' shirts and blouses	437	3	434
Women's, girls', and infants' trousers, slacks, and shorts	557	77	481
Men's and boys' shirts	120	10	110
All other articles	945	88	857
Total	2,060	178	1,882
Chemicals, coal, petroleum, natural gas, and related products:			
Fabricated rubber and plastic products	5	3	2
Minerals and metals:			
Handtools	10,106	1,035	9,071
Miscellaneous metal products and articles	91	17	75
Total	10,197	1,052	9,145
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	5,726	620	5,106
Machines for working metal, stone, and other materials	45	24	21
Office machines and parts thereof	477,713	71,778	405,936
Other miscellaneous machinery and mechanical equipment and parts thereof	2	(¹)	1
Transformers	133	101	33
Motors and generators; and miscellaneous equipment related to motors, generators, and transformers	4,228	1,143	3,085
Electric household appliances	63,071	2,160	60,911
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	4,407	1,302	3,105
Microphones, loudspeakers, and related equipment	1,400	503	897
Radio receivers and transceivers and parts thereof	35,031	3,355	31,677
Miscellaneous radiotelegraphic and radiotelephonic apparatus	14,916	1,056	13,859
Other miscellaneous electrical products and parts	57,946	5,207	52,740
Articles for making and breaking electrical circuits	1,350	545	805
Electrical resistors	25	4	21
Semiconductors	619,559	254,256	365,303
Electrical conductors	1,729	1,398	332
Miscellaneous electrical articles	5,873	1,019	4,854
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	8,195	2,384	5,811
Pleasure boats; floating structures	15,226	3,366	11,859
All other articles	472	117	354
Total	1,317,047	350,337	966,710
Miscellaneous manufactures:			
Optical instruments, components and lenses	1,004	347	657
Surgical and medical instruments and apparatus	3	2	1
Scientific instruments	3,458	886	2,572
Balancing machines, and parts, and other drawing, measuring, and mathematical calculating instruments, and machines, n.s.p.f.	486	19	467
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	13	(¹)	13
Jewelry	34	30	4
All other articles	37	12	24
Total	5,035	1,296	3,739
Grand total	1,334,344	352,866	981,478

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table B-27

U.S. imports for consumption from France under HTS heading 9802.00.80, by commodity groups, 1990

(In thousands of dollars)

Commodity group	Total value	Duty-free value	Dutiable value
Chemicals, coal, petroleum, natural gas, and related products:			
All other articles	1,475	1,282	192
Minerals and metals:			
All other articles	1,025	638	387
Machinery and equipment:			
Internal combustion engines, piston-type, and parts thereof	1,400	17	1,383
Wrapping and packaging machinery, machinery for cleaning or drying containers, machinery for aerating beverages, dishwashing machines, and parts thereof	454	53	401
Lifting, handling, loading, unloading machinery and parts thereof	87	5	82
Machines for working metal, stone, and other materials	1,693	68	1,625
Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys and sheaves; shaft couplings; torque converters; chain sprockets; clutches; and universal joints; and parts thereof	10,214	1,790	8,424
Electric furnaces and ovens, welding, brazing, induction and dielectric heating equipment	615	61	554
Telephone and telegraph apparatus; and radio navigational, radar, and radio remote control apparatus and parts thereof	18	18	(¹)
Microphones, loudspeakers, and related equipment	11	8	3
Television apparatus and parts, other than cameras, receivers, and picture tubes	11	3	9
Radio receivers and transceivers and parts thereof	65	3	62
Miscellaneous radiotelegraphic and radiotelephonic apparatus	157	2	155
Other miscellaneous electrical products and parts	17	13	4
Articles for making and breaking electrical circuits	128	91	37
Voltage regulators	34	27	7
Semiconductors	185	142	43
Rail locomotives and rolling stock	2,863	505	2,358
Motor vehicles including automobile trucks and truck tractors, motor buses, passenger automobiles, special purpose motor vehicles, and snowmobiles	256,669	4,599	252,070
Motor vehicle parts, industrial vehicles, non self-propelled vehicles, and motorcycles	238,843	5,580	233,263
Nonmilitary airplanes (all types); parts of aircraft and spacecraft; and parachutes, including parts	450,296	93,990	356,306
Pleasure boats; floating structures	326	31	295
All other articles	7,423	387	7,036
Total	971,509	107,393	864,116
Miscellaneous manufactures:			
Surgical and medical instruments and apparatus	1,472	620	852
Scientific instruments	472	290	182
Watches, clocks, and clockwork operated devices (including time clocks and time stamps) and parts	29	7	22
All other articles	14	(¹)	14
Total	1,988	917	1,071
Grand total	975,997	110,231	865,766

¹ Less than \$500.

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

Source: Compiled from official statistics of the U.S. Department of Commerce.

**ADJUSTMENTS MADE TO CENSUS-REPORTED 9802.00.60 AND
9802.00.80 STATISTICS IN 1990**

Tariff Item 9802.00.60: HTS Items deleted from Census statistics, 1990

(In dollars)

<i>HTS</i>	<i>Country</i>	<i>Total value</i>	<i>Value of U.S. products</i>	<i>Value added</i>
3910.00.00.00	United Kingdom	68,308	36,781	31,527
9801.00.10.35	Canada	1,289,312	870,554	418,758
	Mexico	2,722,996	2,399,124	323,872
	Brazil	81,394	61,874	19,520
	Thailand	6,600	1,600	5,000
	Japan	390,544	138,940	251,604
	Total	4,559,154	3,508,873	1,050,281

Tariff Item 9802.00.60: HTS Items transferred and reported under 9802.00.80, 1990

(In dollars)

<i>HTS</i>	<i>Country</i>	<i>Total value</i>	<i>Value of U.S. products</i>	<i>Value added</i>
3920.69.00.00	Canada	2,585	750	1,835
3926.90.90.50	Canada	16,390	6,492	9,898
6206.40.30.30	Mexico	15,075	8,485	6,590
	Haiti	3,889	71	3,818
6212.10.20.20	Mexico	139,237	94,494	44,743
	Philippines	294,358	184,924	109,434
6212.20.00.20	Mexico	16,298	12,723	3,575
6307.90.95.90	Mexico	16,354	9,591	6,763
	Total	504,186	317,530	186,656

Tariff Item 9802.00.80: HTS Items deleted from Census statistics, 1990

(In dollars)

HTS	Country	Total value	Value of U.S. products	Value added
0603.10.70.30	Colombia	11,686	9,442	2,244
2008.11.00.60	Singapore	6,732	3,366	3,366
2519.90.10.00	China	3,678	1,839	1,839
2902.30.00.00	Canada	63,554	9,672	53,882
2907.11.00.00	Canada	2,280	442	1,838
3004.10.10.20	Dominican Rep	487,718	427,852	59,866
3004.39.00.50	United Kingdom	22,318	6,828	15,490
3707.90.60.00	Canada	12,663	4,796	7,867
	Switzerland	11,310	4,916	6,394
3808.10.50.00	Canada	67,352	8,928	58,424
3901.10.00.20	China	113,398	52,592	60,806
	Hong Kong	4,404	2,087	2,317
3902.10.00.00	Canada	8,823	1,702	7,121
3915.30.00.00	Canada	2,101	1,345	756
3917.32.00.10	Mexico	2,700	2	2,698
	Belgium	58,011	8,631	49,380
	France	12,013	1,802	10,211
3917.32.00.50	Mexico	4,596,941	1,631,839	2,965,102
3917.33.00.00	Mexico	9,469,492	7,587,596	1,881,896
3917.39.00.10	Mexico	595,773	345,964	249,809
3917.39.00.50	Canada	15,019	10,287	4,732
	Mexico	74,658	54,136	20,522
3917.40.00.00	Canada	1,764	120	1,644
	Mexico	7,769	5,945	1,824
3920.30.00.00	Canada	3,058	488	2,570
3920.41.00.00	Canada	3,128	1,508	1,620
3920.42.50.00	Canada	385,120	38,992	346,128
3920.99.10.00	Mexico	188,934	46,267	142,667
3921.11.00.00	Canada	29,304	22,597	6,707
	Mexico	7,505	6,417	1,088
3921.13.50.00	Canada	15,083	8,930	6,153
	Mexico	48,587	25,843	22,744
3921.90.15.00	Canada	587,804	156,311	431,493
4810.12.00.00	Finland	4,120	4,000	120
5106.20.00.00	Canada	4,194	739	3,455
5402.10.30.20	Canada	9,067	7,113	1,954
5402.10.30.40	Sweden	1,161,386	936,276	225,110
5404.10.20.90	Canada	1,662	680	982
5602.10.90.10	Canada	11,937	5,892	6,045
5602.10.90.90	Canada	761,613	382,326	379,287
5602.21.00.00	Canada	316,416	144,440	171,976
5801.33.00.00	Mexico	5,551	5,073	478
5806.10.20.00	Mexico	3,552	3,236	316
5806.32.10.90	St Lucia	42,160	13,968	28,192
5903.10.10.00	Canada	7,302	4,352	2,950
5903.90.25.00	Canada	322,437	205,700	116,737
	Mexico	15,179	13,421	1,758
5909.00.20.00	Canada	4,138,061	532,902	3,605,159
5911.10.10.00	Mexico	633,369	278,315	355,054
5911.10.20.00	Mexico	4,645,582	2,262,776	2,382,806
5911.90.00.00	Mexico	1,875,862	1,438,518	437,344
6002.20.10.00	Colombia	63,691	26,865	36,826
	Philippines	672,012	221,782	450,230
	China	7,551	5,360	2,191
6002.43.00.10	Colombia	96,450	24,133	72,317
	Philippines	612,527	209,435	403,092
6302.22.20.20	Mexico	46,971	40,481	6,490
6302.32.20.40	Mexico	125,437	87,283	38,154
6304.19.20.00	Mexico	2,611,118	1,979,056	632,062
6804.22.60.00	Mexico	260,833	192,263	68,570
6805.10.00.00	Canada	180,024	61,195	118,829
6805.20.00.00	Canada	24,802,229	6,039,042	18,763,187
	Mexico	200,277	173,853	26,424
6809.90.00.00	Mexico	13,635	8,286	5,349
6810.91.00.00	Canada	1,256,165	306,525	949,640

Tariff Item 9802.00.80: HTS items deleted from Census statistics, 1990—Continued

(In dollars)

HTS	Country	Total value	Value of U.S. products	Value added
6810.99.00.00	Canada	11,798	11,687	111
	Taiwan	70,656	5,025	65,631
7102.21.30.00	Netherlands	23,625	20,492	3,133
7102.39.00.10	Hong Kong	8,071	6,203	1,868
7103.99.10.00	Thailand	1,740	1,400	340
	Hong Kong	1,670	185	1,485
7112.10.00.00	Haiti	638,180	523,001	115,179
9801.00.10.35	Canada	155,796,353	53,620,670	102,175,683
	Mexico	146,777	86,928	59,849
	Dominican Rep	10,276	6,050	4,226
	Colombia	74,139	62,331	11,808
	United Kingdom	153,576	2,480	151,096
	Ireland	57,298	18,295	39,003
	Germany	2,940,000	618,740	2,321,260
	Portugal	1,855,849	595,903	1,259,946
	Italy	221,000	60,000	161,000
	Thailand	11,323,923	10,138,734	1,185,189
	Malaysia	3,805,795	2,087,205	1,718,590
	Singapore	282,912	193,982	88,930
	Philippines	1,453,058	243,308	1,209,750
	Korea	55,811	26,950	28,861
	Hong Kong	1,832,239	1,364,713	467,526
	Taiwan	1,901,328	1,603,560	297,768
	Japan	349,515	34,078	315,437
9802.00.50.60	Canada	3,964	2,950	1,014
	Total	244,848,603	97,439,638	147,408,965

Tariff Item 9802.00.80: HTS items transferred and reported under 9802.00.60, 1990

(In dollars)

HTS	Country	Total value	Value of U.S. products	Value added
7211.90.00.00	Mexico	21,920	14,388	7,532
7212.40.10.00	Canada	21,166	2,093	19,073
7217.11.90.00	Mexico	17,150	11,047	6,103
7219.32.00.30	Mexico	79,313	65,744	13,569
7303.00.00.90	Canada	2,370	2,124	246
7306.30.50.55	Canada	35,072	13,402	21,670
7318.15.40.00	Mexico	26,708	18,460	8,248
7318.24.00.00	Canada	43,850	18,141	25,709
7404.00.00.90	Mexico	1,456	1,455	1
	Haiti	24,154	17,234	6,920
7604.29.50.60	Canada	6,318	4,068	2,250
7606.12.30.90	Canada	258,644	138,189	120,455
7606.91.30.90	Mexico	55,460	49,753	5,707
7608.10.00.90	Canada	1,896,841	957,753	939,088
7609.00.00.00	Mexico	1,174,659	921,449	253,210
7801.99.90.50	United Kingdom	43,290	27,474	15,816
7802.00.00.60	Mexico	18,635	16,941	1,694
8104.90.00.00	Mexico	2,190	1,680	510
8108.90.30.60	Canada	1,336,643	682,452	654,191
	Belgium	139,779	48,637	91,142
8109.90.00.00	Sweden	62,122	59,204	2,918
8207.12.60.90	Singapore	710,721	70,556	640,165
8455.30.00.85	Canada	151,470	150,000	1,470
	Total	6,129,931	3,292,244	2,837,687

