Business
Negotiations
with the
Japanese

Rosalle L. Tung

# Business Negotiations with the Japanese

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### Preface

Over the past several years, U.S. business people, concerned with problems of declining productivity in their own industries, have been impressed with Japan's phenomenal success in various sectors of its economy. This has led to a proliferation of literature on why Japanese management styles and practices are conducive to higher productivity, and how U.S. businesses can emulate the Japanese success story.

One aspect of U.S.-Japan trade relations has remained largely unresearched, however-namely, business negotiations between entities from the two countries. A desire to share in the Japanese economic miracle, coupled with Japan's attempts to ease its remaining restrictions on foreign imports and investment, has made more and more U.S. firms eager to enter into cooperative arrangements, such as joint ventures, with Japanese entities. To secure favorable terms in such joint ventures and to benefit fully from them, U.S. business people must become familiar with the Japanese approach to business negotiations. Given the vast sociocultural differences between the two nations, a U.S. businessman could not approach a business negotiation with a Japanese partner with the same attitude and perspective he would assume for a domestic or West European counterpart. The Japanese businessman benefits from being better versed in U.S. business practices than vice versa. This familiarity has been acquired through assiduous study of U.S. industry by the Japanese since World War II. U.S. businessmen, on the other hand, have only recently discovered the Japanese way of doing business.

This book will examine Japanese attitudes and values with respect to business negotiations, and will provide guidelines for practitioners preparing for business negotiations with the Japanese. The information presented has application also for firms in other countries that trade with Japan. Even companies that have had previous business relationships with the Japanese will benefit from the information presented here. This is important in light of the dismal finding of a 1981 survey conducted by the Japanese Ministry of International Trade and Industry—namely, that one out of every seven foreign companies "retrenched and eventually pulled out of Japan" (Foreign Companies, 1982, p. 8).

This book should also be of interest to researchers in international business. Little research has been done on factors that could affect the success or failure of international business negotiations. This book does not develop a theoretical model of international business negotiations, but its analysis of the dynamics of the relationships between certain variables may be useful in such a theoretical effort. Such a theoretical model in turn can help improve the quality of future international business negotiations.

The book examines the processes involved in U.S.-Japan business negotiations and the general problems of doing business in Japan. Specifically, the book studies and identifies: (1) the mechanics of such business negotiations; (2) how U.S. companies prepare for the negotiations; (3) the factors that contribute to success or failure of such negotiations; (4) how U.S. companies organize for trade with Japan; and (5) how a select number of U.S. firms from different industries have negotiated with Japanese companies to establish joint-venture arrangements or other forms of economic cooperation. The information provided is based on a survey of 114 U.S. firms that have entered into various types of business negotiations with the Japanese: for import and export agreements; to establish manufacturing facilities in Japan: to establish manufacturing facilities in the United States; for cooperative contracts such as joint ventures, licensing agreements, and commercial and service contractual arrangements; for change of equity position in existing joint ventures; and to terminate joint-venture agreements. In addition, in-depth interviews were conducted with a select sample of U.S. firms on their preparation for such negotiations, their experiences, and the outcomes. These are presented as case studies. They include firms that have entered into negotiations on such matters as joint ventures for the manufacture of mainframe computers, production and distribution of ethical drugs in both the United States and Japan; production of automotive chemicals; the dissolution of a joint venture producing industrial equipment and instruments as a result of irreconcilable differences between the parties; and a joint program to manufacture components used in the production of commercial aircraft.

I would like to thank all those individuals who have given their time willingly and generously toward the successful completion of this project. Because respondents to the questionnaire survey were not required to disclose the names of their organizations, I cannot cite them here by name.

I am particularly grateful to those individuals who gave their time generously by taking part in the interviews to provide a more comprehensive picture of their companies' business negotiations with the Japanese. Specifically, I would like to thank Mr. Thomas Bacher, director, International Business, Boeing Commercial Airplane Company; Mr. Louis J. Casanova, vice-president, joint ventures-Japan, Sperry Univac; Mr. William M. Kinch, executive vice-president-operations, Pacific-Interamerican Division, W.R. Grace and Company; Mr. P. Reed Maurer, vice-president, Merck, Sharp and Dohme International; Mr. Shiro Omata, former president of Nippon Univac Kaisha, Ltd., who is now retired; Mr. Peter Sears, vice-president, corporate development, SmithKline Beckman Corporation; Mr. Gary L. Snable, vice-president and chief operating officer, Fujisawa Smith-Kline Corporation; and Mr. Quincy N. Williams, vice-president, planning and development, Smith Kline & French Laboratories. Interviews for the book were also conducted with Mr. W.F. Corkran, vice-president, inter-

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national operations, Preformed Line Products Co.; and Mr. Stanley Epstein, president, Anglo American Aviation Company.

I would like to thank the Office of the Dean at The Wharton School and the Wharton Center for International Management Studies for providing partial funding for the research project. I would also like to thank Linda Mitchell, a M.B.A. candidate at The Wharton School, for assisting with statistical analysis of portions of the data.

Last, but not least, I would like to thank my husband, Byron, for his moral support and understanding, and my daughter, Michele, for keeping my spirits up throughout the project.

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## An Overview of U.S.-Japan Trade

Ever since July 8, 1853, when four warships under the command of Commodore Perry of the U.S. Navy steamed into the bay at Uraga, Japan, the issue of trade has been an important subject of contention and hence of bilateral negotiations between the United States and Japan.

In 1853 Commodore Perry hand-delivered a letter from the president of the United States to the governor of Uraga, requesting the opening of certain Japanese ports to U.S. trade. In February 1854 Commodore Perry again entered Edo Bay, accompanied by a larger and more formidable squadron to demonstrate U.S. might and determination (Sadler, 1963). After a month of negotiations, a treaty was signed at Kanagawa with vague provisions for limited trading activities (Gubbins, 1911). Nothing substantive relating to the actual conduct of trade was achieved until a later mission headed by Townsend Harris. Under Harris, the United States finally obtained a treaty of commerce with the Bakufu government, one provision being the opening of Yokohama to trade in 1858. After that trade between the two nations flourished and expanded.

December 1982 represented another milestone in U.S.-Japan trade relations. A high-ranking official of the U.S. government stated that trade between the two countries had become a "political issue" (Wall Street Journal, 3 December 1982, p. 36).

What prompted this U.S. official to remark that "for the first time" trade tensions between the two countries have taken on political dimensions? (This statement should actually read "for the first time since 1853.") This chapter examines trade between the United States and Japan since the late 1950s, and discusses the problems and prospects of future trade relations between the two countries. This review will provide a backdrop for discussion of the specific issues of U.S.-Japan business negotiations in subsequent chapters.

Table 1-1 presents statistics on two-way trade between the United States and Japan for selected years prior to 1956 and for the period from 1956 to the first eigh, months of 1982. Specifically, the statistics for three selected years prior to 1956 were included: 1938, shortly before the outbreak of hostilities between the two countries in World War II; 1948, during the U.S. Occupation; and 1953, the first year after the formal ending of Allied Occupation. Tables 1-2 and 1-3 provide a breakdown of the composition of Japanese exports to and imports from the United States between 1972 and 1980.

Table 1-1
Japan's Exports to and Imports from the United States, 1938-1982
(In millions of U.S. dollars)

	Japan's		lanan's		Balanco of
7	Exports	Percentage	Imports	Percentage	Trade in
Year	to United States	Change	from United States	Change	Japan's Favora
1938	124	1	261.1		-137 1
1948	65.7	-47.0	4414	1 69 1	7.575 -
1953	233.9	256.0	2.757	71.6	- 573.6
1956	511.4	118.6	1.067.3	40.9	0.575
1957	606.5	18.59	1.626.2	52.4	- 1 019 7
1958	692.5	14.0	1 057 7	37.0	366.7
1959	1 051 3	0:15	1,03/./	1.94.9	- 303.2
1960	1.107.0	5.10	1,116.1	20.2	2.44.8
1961	1,073,0	- 2:	2,006,7	24.0	7:/*
1962	1 410 6	31.5	1,000,1	7.5.	-1,023./
1063	1,523.4	0.10	1,609.1	-13./	- 389.5
2001	4.776.1	6.7	7,0/8.	14.9	-556.3
\$ 3	1,866.3	22.6	2,336.9	12.4	-470.6
1963	2,517.1	34.9	2,364.3	1.0	+152.8
1966	3,009.8	19.6	2,658.1	12.4	+351.7
1967	3,048.8	1.3	3,212.7	20.9	-163.9
1968	4,132.7	35.6	3,526.6	8.6	+606
1969	5,017.1	21.4	4,094.1	16.1	+923.0
1970	6,015.0	19.9	5,564.3	35.9	+450.7
1971	7,616.0	26.6	4,983.0	- 10.5	+2.633
1972	8,847.7	16.2	5,851.6	17.4	+2.996.1
1973	9,448.7	8.9	9,269.5	58.4	+179.1
1974	12,799.5	35.6	12,682.2	36.8	+117.3
1975	11,148.6	-12.8	11,608.0	4.8-	-459.4
1976	15,689.6	40.0	11,809.3	1.7	+3 880 3
1977	19,716.9	26.4	12,396.1	6.4	+7.320.8
1978	24,914.7	26.4	14,790.4	19.3	+10,124.3
1979	26,402.5	6.0	20,430.8	38.1	+ 5.971.7
1980	31,367.3	18.8	24,408.0	19.5	+6,959.3
1981	37,922.0	20.9	25,057.0	2.7	+12,865.0
1982	24,521.0	1	16,535.0	I.	7,986.0

Sources: (1938-1971, 1981): Statistics Bureau, International Monetary Fund and International Bank for Reconstruction and Development, Direction of Trade; (1972-1980): Japan External Trade Organization (JETRO), 2-5, Toranomon 2-Chome, Minato-Ku, Tokyo 105, Japan, White Paper on International Trade, Japan, 1972-1981.

<sup>&</sup>lt;sup>a</sup>Due to differences in accounting for shipping costs, the trade-balance figures reported by U.S. and Japancse sources may vary. <sup>b</sup>Only the 8-month trade figures for 1982 were available.

On the basis of two-way trade statistics over the years, several observations could be made about trade between the United States and Japan:

- 1. Before 1968—except for two years, 1965 and 1966—the United States enjoyed a balance-of-trade surplus over Japan. The specter of a chronic U.S. balance-of-trade deficit with Japan did not emerge until the 1970s. The gloomy picture of huge trade deficits has sometimes been exacerbated by the different standards employed by the two nations in accounting for shipping costs. For example, U.S. sources of information are generally measured on a fast-along-ship (f.a.s.) basis for both imports and exports, whereas Japanese sources are generally based on a customs-clearance basis (White Paper, 1981). Thus for 1980 Japanese sources recorded a trade surplus of approximately \$6.96 billion over the United States, but the latter reported a \$9.9-billion trade deficit with Japan—a difference of nearly \$2.94 billion. Furthermore, the size of the trade imbalances may have been dramatized through inconsistent accounting practices on the part of the United States. Although U.S. sources of information are generally measured on a f.a.s. basis for both imports and exports, this practice was abandoned in 1981. In that year U.S. sources measured exports on a f.a.s. basis, but imports were calculated on a cost-insurance-freight (c.i.f.) basis. Based on these different standards, the balance-of-trade deficit with Japan was calculated at \$18.0 billion. Had the usual f.a.s. basis been applied to both imports and exports, the balance-of-trade deficit would have been only \$15.8 billion (Lincoln 1982, p. 29).
- 2. Trade tensions between the two nations may have been exacerbated by an undue focus on import and export statistics, with insufficient attention to those areas in which the United States excels. A study conducted by the U.S.-Japan Trade Study Group, which includes representatives of government agencies and the private sectors of both countries, found that the goods and services sold by subsidiaries of U.S. multinationals in Japan were valued at \$20 billion a year, compared with \$5 billion in sales of goods and services by subsidiaries of Japanese multinationals in the United States. Furthermore, oil produced by U.S. petroleum firms outside the United States and sold to Japan was not reflected in the merchandise trade statistics. In 1980, for instance, it was estimated that U.S. petroleum companies sold \$21 billion worth of crude oil to Japan via third countries (Wall Street Journal, 16 February 1983, p. 35). These statistics were nowhere reflected in the balance-of-payments figures. Consequently, the performance of the United States vis-à-vis Japan may not be as dismal as the balance-of-payments figures suggest.
- 3. The volume of two-way trade between the United States and Japan has grown dramatically since the formal end of the Allied Occupation in April 1952. Except for five years—1958, 1961, 1962, 1971, and 1975—in which Japanese exports to and imports from the United States declined by

Table 1-2Japan's Exports to the United States(in millions of U.S. dollars)

			Percentage		Percentage		Percentage		Percentage		Percentage		Percentage		Percentage	1	Percentage
	1972	1973	Change	1374	Change	1975	Change	1976	Change	1977	Change	1978	Change	1979	Change	1980	Change
Foodstuffs	222	254	14	242	-0.4	165	-32	236	43	200	-15	218	6	119	-45	245	9
Raw materials and fuels	38	51	34	8	0.9	30	44	30	0	84	9	89	42	137	0	78	- 43
Light industrial products	1,580	1,424	- 10	1,34	9-	1,161	- 14	1,639	4	2,095	78	2,343	12	2.201	9-	2.664	21
Textile products	618	605	2	523	- 14	489	-7	576	.81	699	16	710	9	522	- 26	593	4
Textile fabrics	235	188	- 20	189	0	161	-	237	73	254	7	289	4	229	-21	256	17
Synthetic fabrics	∀/Z	83	<b>V/V</b>	98	3.6	122	42	156	78	168	∞	202	8	152	-25	191	۰
Polyester fabrics	Z/A	75	K/Z	8	-12.0	N/A	N/A	XX	V	101	A/A	154	44	V/N	A/N	N/N	N/A
Textile secondary products	337	291	- 13	228	- 22	204	-1	288	7	325	13	354	6	242	-32	292	21
Clothing	N/A	234	N/A	180	-23	157	- 13	218	39	246	13	274	=	165	- 40	508	27
Knits and attachment	N/A	46	N/A	82	- 16	A/A	N/A	X/X	N/A	109	A/N	101	-7	55	453	20	8
Nonmetallic mineral products	186	206	=	202	-2	180	=-	257	42	337	31	403	70	437	6	464	•
Pottery	116	131	13	131	0	126	4-	177	4	234	32	247	9	239	4-	282	92
Other light industrial products	776	695	- 10	653	9-	548	- 16	806	4	1,088	35	1,230	13	1.240	œ	1.606	30
Tire and tubes	K/Z	65	N/A	29	3	28	- 14	118	103	142	20	171	21	173	-	237	3.2
Wood products and																ì	;
cork products	N/A	7	N/A	6	- 12	*	- 22	1	43	86	27	80	-11	73	- 16	54	79
Musical instruments	N/A	8	N/A	Z	7	25	- 19	65	25	87	34	103	. 81	77	- 25	8	00
Heavy industrial and																	2
chemical products	660'9	7,585	77	10,898	4	9,508	- 13	13,524	. 24	17,146	27	22,054	28	23,601	7	27.956	16
Chemicals	246	239	-3	574	140	346	- 40	413	20	488	18	592	21	653	01	191	18
Organic compounds	A/A	110	A/X	326	198	181	-45	3	œ	218	12	263	21	270	2	290	-
Metal products	1,568	1,572	.2	1,572	0	3,240	106	3.618	12	4.155	15	4.397		4.850	1 2	4 950	: `
Plastic materials									!		:			200	2	2001	7
and resins	1	20	I	113	126	N/A	N/A	N/N	A/A	105	N/A	139	33	147	•	170	71
Machinery and equipment	5,100	5,773	13	7,084	23	6,663		10,212	53	13,353	31	17.955		19.008	· vc	23.021	2 5
General machinery	603	829	37	957	15	953		1.273	35	1.776	4	2.695	\$	2.993	=	3 369	: :
Electrical machinefy	1,903	2,053	œ	2,089	7	1,992	-5	3,739	88	4.048	•	4.721	17	4.393	-1	\$ 135	2 2
Television	298	265	11-	212	- 20	256	8	617	141	206	- 18	465	8	232	- 50	8	1 4
Radio	556	577	3	485	- 16	389	- 20	900	8	821	11	1.005	23	786	- 22	783	7
Tape recorders	351	267	61	827	4	465	4	518	-11	822	8	4	8	924	- 19	1.142	24
Household electrical															:	!	5
appliances	N/A	120	V/N	138	15	133	4	508	27	588	38	324	12	265	- 18	290	
Cameras	Z/A	9	N/A	Ξ	=	86	- 12	141	4	217	24	356	3	296	-17	339	-4

Table 1-2 (continued)

1980 254 402 254 402 402 112,821 N/A N/A N/A N/A N/A N/A N/A 10,118 8,271 1,742 484 484 425 425				Percentage	-	Percentage	-	Percentage	ø	Percentage	۵.	Percentage	•	Percentage	بو	Percentage		Percentage
322         383         19         441         15         494         12         725         47         1,089         47         1,486         39         1,516         2         1,698           N/A         100         N/A         111         10         N/A         N/A         N/A         1,696         N/A         231         37         188         -18         254           N/A         1,166         N/A         111         10         N/A         N/A         N/A         231         37         188         -18         254         -18         254         -19         257         -22         4474         38         6,461         44         9,033         40         10,107         12         1,281         1         12,285         -1444         38         6,461         44         9,033         40         10,107         12         1,381         N/A         <		1972	1973	Change	1974	Change	1975	Change	9261	Change	1977	Change	8261	Change	6261	Change	1980	Change
N/A         100         N/A         111         10         N/A         N/A         N/A         169         16         160         17         257         -22         402         1           N/A         1,166         N/A         108         46         17         -29         89         16         186         106         330         77         257         -22         402         1           2,247         2,586         112         3,544         41         3,239         -7         4,474         38         6,461         44         9,053         40         10,107         12         13,81           2,247         2,586         12         4,474         38         6,461         44         9,053         40         10,107         12         13,81           2,249         488         -17         840         73         N/A         1,133 <td< td=""><td>Precision instruments</td><td>322</td><td>383</td><td>61</td><td>4</td><td>15</td><td>494</td><td>12</td><td>725</td><td>47</td><td>1,069</td><td>47</td><td>1,486</td><td>39</td><td>1,516</td><td>2</td><td>1.698</td><td>12</td></td<>	Precision instruments	322	383	61	4	15	494	12	725	47	1,069	47	1,486	39	1,516	2	1.698	12
N/A   1,166   N/A   1,141   -13   1,168   2   2,496   114   2,285   -104   2,415   6   1,906   -21   2,035   12   2,496   114   2,285   -104   2,415   6   1,906   -21   2,035   12   2,496   114   2,285   -104   2,415   6   1,906   -21   2,035   12   1,285   2,496   114   2,285   -104   2,415   6   1,906   -21   2,035   12   1,285   2,496   114   2,285   -104   2,415   6   1,906   -21   2,035   12   1,285   2,486   2,486   2,486   2,496   2,496   1,496   2,496   2,496   2,415   6   1,906   -21   2,035   2,496   1,496   2,496   2,496   2,496   2,496   2,496   2,415   2,496   2,496   2,496   2,496   2,496   2,496   2,496   2,496   2,415   2,496	Watches and clocks	N/A	90	N/A	Ξ	10	A/X	N/A	A/N	A/A	169	A/A	231	37	188	- 18	254	35
NA   1,166   N/A   1,141   -3   1,168   2   2,496   114   2,285  04   2,415   6   1,906   -21   2,035   2,247   2,508   2,5   2,508   2,5   2,496   114   2,285  04   9,033   40   0,0107   12   12,821   1,2821   2,508   488   -17   840   72   77   -31   435   -25   650   49   785   21   N/A   N/A   N/A   N/A   N/A   1,315   N/A	Railway vehicles	N/A	74	A/A	108	4	77	- 29	68	16	186	106	330	77	257	- 22	405	156
N/A         1,166         N/A         1,141         -3         1,168         2         2,496         114         2,285        04         2,415         6         1,906         -21         2,033           227         2,86         112         3,544         41         3,239         -7         4,474         38         6,461         44         9,033         40         10,107         12         12,821           227         289         27         460         59         N/A	<b>Telecommuni</b> cation																	10
2.24 2.508 12 3,544 41 3,239 -7 4,474 38 6,461 44 9,053 40 10,107 12 12,821 13,81 289 27 460 59 N/A	equipment	N/A	1,166	A/A	1,141	-3	1,168	7	2,496	114	2,285	8	2,415	9	1.906	- 21	2.035	. 00
227         289         27         460         59         N/A	Transportation	2,247	2,508	. 12	3,544	4	3,239	1-	4,474	38	6,461	4	9,053	4	10,107	12	12,821	27
589         488         -17         840         72         577         -31         435         -25         650         49         785         21         N/A         N/A         N/A         N/A         N/A         N/A         4,935         31         7,030         43         8,245         17         10,118           N/A         N/A         N/A         1,315         N/A         N/A         1,280         49         4,123         72         5,737         39         6,722         17         10,118           N/A         1,315         N/A         1,918         12         2,890         49         4,123         72         5,737         39         6,722         17         10,118           N/A         1,090         N/A         1,319         27         N/A         N/A         N/A         1,391         38         40         4,793         25         6,525           N/A         120         N/A         N/A         N/A         N/A         1,391         39         47         40         4,793         25         484           N/A         120         N/A         N/A         N/A         1,391         39         472         0.3	Buses and trucks	227	289	27	94	89	A/N	A/A	A/Z	N/A	A/N	N/A	N/A	A/N	A/X	N/A	X	N/N
N/A N/A N/A N/A N/A N/A N/A N/A 3,530 N/A 4,935 31 7,030 43 8,245 17 10,118  N/A 1,315 N/A 1,319 27 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 - C  N/A 1,000 N/A 1,379 27 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 - C  N/A 120 N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484  98 136 39 262 93 286 9 261 -8 229 -12 233 1 425 83 425  Franklonal Trade Japan, 1972-1980, Japan External Trade Organization.	Motorcycles	589	488	- 17	840	72	577	-31	435	- 25	650	49	785	21	N/N	V/N	N/N	A/X
N/A         N/A         N/A         N/A         N/A         N/A         4,935         31         7,030         43         8,245         17         10,118           N/A         1,315         N/A         1,713         30         1,918         12         2,890         49         4,123         72         5,737         39         6,722         17         8,271           N/A         1,315         N/A         1,918         12         2,890         49         4,123         72         5,737         39         6,722         17         8,271           N/A         1,090         N/A         1,319         27         N/A         N/A         1,391         N/A         1,911         38         1,927         0.8         1,742         -           N/A         120         N/A         1,04         N/A         N/A         N/A         1,391         N/A         1,911         38         1,742         -           N/A         120         N/A         1,04         1,31         38         339         47         471         39         472         0.2         484           13         13         26         9         261         -8	Motor vehicles																	
N/A 1,315 N/A 1,713 30 1,918 12 2,890 49 4,123 72 5,737 39 6,722 17 8,771 N/A 1,090 N/A 1,379 27 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 -0.  N/A 222 N/A 333 50 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 -0.  N/A 120 N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484  98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425  Fig. 8 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367  Fig. 8 9,449 7 12,800 Japan External Trade Organization.	(excluding parts)	N/A	N/A	A/N	K/Z	A/X	A/A	N/A	3,530	A/N	4,935	31	7.030	43	8.245	17	10.118	23
N/A 1,315 N/A 1,319 N/A 1,319 N/A N/A N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 N/A 1,990 N/A 1,399 N/A 1,399 N/A 1,399 N/A 1,399 N/A 1,399 N/A 1,399 N/A 1,391 N/A 1,911 38 1,927 N/A 1,991 N/A 1,990 N/A 1,991 N/A 1,99	Passenger cars																	,
N/A 1,090 N/A 1,379 27 N/A N/A N/A N/A 1,724 N/A 3,812 40 4,793 25 6,525 N/A 222 N/A 333 50 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 -0 N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484 N/A 120 N/A 169 56 57 57 56,525 0.2 484 N/A 120 N/A 169 40 167 -1 231 18 18 18 18 18 18 18 18 18 18 18 18 18	(including chassis)	N/A	1,315	N/A	1,713	30	1,918	12	2,890	49	4,123	72	5,737	39	6,722	17	8,271	23
N/A 1,090 N/A 1,379 27 N/A N/A N/A N/A 1,391 N/A 1,991 38 3.812 40 4,793 25 6,525 N/A 122 N/A 333 50 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 - C N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484 N/A 120 N/A 169 262 93 286 9 261 -8 229 -12 232 1 425 83 425 S,848 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367  Fernational Trade Japan, 1972-1980, Japan External Trade Organization.	Passenger cars														·			
N/A 222 N/A 333 50 N/A N/A N/A N/A 1,391 N/A 1,911 38 1,927 0.8 1,742 -C N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484  98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425  98 136 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367  ernational Trade Japan, 1972-1980, Japan External Trade Organization.	(1,000cc-2,000cc)	N/A	1,090	N/A	1,379	27	Z/X	N/A	K/X	A/N	2,724	A/A	3.812	4	4,793	25	6.525	36
N/A 120 N/A 169 40 167 -1 231 38 339 47 471 39 472 0.2 484  98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425  5.848 9.449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367  ernational Trade Japan, 1972-1980, Japan External Trade Organization.	Passenger cars (2,000cc)	N/A	222	N/A	333	20	A/X	N/A	N/A	N/A	1,391	N/A	1.911	38	1.927	0.8	1.742	-0.5
98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425 3,848 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367 ernational Trade Japan, 1972-1980, Japan External Trade Organization.	Motor-vehicle parts	A/N	120	N/A	169	4	167	7	231	38	339	47	471	39	472	0.7	484	
98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425 5,848 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367 ernational Trade Japan, 1972-1980, Japan External Trade Organization.	Reexports, commodity and																	
98 136 39 262 93 286 9 261 -8 229 -12 232 1 425 83 425 5,848 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367 ernational Trade Japan, 1972-1980, Japan External Trade Organization.	transaction not classified																	
8,848 9,449 7 12,800 36 11,149 -13 15,690 40 19,717 25 24,915 27 26,403 6 31,367 ernational Trade Japan, 1972-1980, Japan External Trade Organization.	according to kind	86	136	39	262	93	286	6	261	8 -	229	- 12	232	-	425	83	425	54
ource: White Paper on International Trade Japan, 1972-1980, Japan External Trade Organization.	otal	8,848	9,449		12,800	36	11,149	-13	15,690	4	19,717	25	24,915	27	26,403	9	31,367	19
	Source: White Paper on .	Internat	ional	Trade Japa	an, 197	72-1980,	Japan	Externa	1 Trade	Organiz	ation.							

Table 1-3
Japan's Imports from the United States (in millions of U.S. dollars)

			Percentage	e	Percentage	, a	Percentage		Percentage	•	Percentage		Percentage		Percentage		Percentage
	1972	1973	Change	1974	Change	1975	Change	9261	Change	1977	Change	8261	Change	1979	Change	1980	Change
Foodstuffs	898	1,979	128	2,606	32	2,489	-5	2,684	8 7	3,430	28	4,357	27	4,423	2	171.8	17
Meats	V/X	132	N/A	57	- 57	155	171	246	. 28	701	- 18	331	9	432	31	432	0
Wheat (excl. feeds)	156	380	4	594	8	4	<b>80</b>	524	-4	428	- 18	481	13	613	27	101	15
Maize (for feeds)	8	109	26	725	45	727	-0.3	919	. 7 -	902	4	844	20	1,019	21	1,470	45
Kauliang (feeds)	114	218	16	325	49	263	- 19	256	- 2	248	4-	220	=	259	18	539	108
Wheat (feeds)	A/N	63	N/A	11	13	N/A	N/A	A/X	A/A	120	A/X	105	- 13	V/Z	N/A	N/A	A/N
Cereals (excellent feeds)	A/N	534	N/A	867	62	869	- 20	ş	8.0	A/A	A/N	N/A	V/Z	V/Z	N/A	A/N	A/N
Grains and grain preparations	N/A	20	A/A	A/N	N/A	N/A	N/A	N/A	N/A	1,293	A/X	1,746	35	2,184	25	3,135	4
Fruits	107	132	23	170	87	159	-1	185	16	211	14	300	42	A/X	N/A	N/A	A/A
Raw materials	1,712	2,977	74	3,992	¥	3. 4	-21	3,150	0.2	3,600	14	4,185	91	6,012	4	6,383	9
Leaf tobacco	N/A	8	N/A	123	37	185	8	217	18	187	- 14	254	36	315	24	267	- 15
Textile materials	124	217	75	330	25	282	- 15	268	. 5	357	33	389	6	540	39	90	=
Raw cotton	Ξ	197	78	A/A	N/A	N/A	N/A	N/A	N/A	A/Z	N/A	N/A	A/A	809	N/A	583	15
Ginned cotton	N/A	N/A	N/A	N/A	N/A	270	N/A	254	9-	347	36	363	2	501	38	572	15
Soybeans	434	299	24	793	19	854	∞	770	- 10	1,040	35	1,103	9	1,169	9	1,250	7
Iron and steel scrap	81	302	273	352	91	278	-21	114	- 59	80	-31	272	242	385	4	415	00
Wood and lumber	634	1,140	80	1,040	6-	1,061	7	1,170	10.3	1,503	28	2,1	10	1,979	21	1,843	-7
Mineral fuels	570	621	8.9	1,815	192	1,909	S	1,447	- 24	2,034	4	1,588	-23	1,357	- 15	2,098	55
Coal	410	209	œ.	1,635	221	1,687	3	1,218	- 28	1,737	43	1,279	- 27	1,031	- 20	1,581	53
Manufactured products	2,658	3,648	37	4,821	32	4,011	- 17	4,466	Ξ	4,889	10	6,431	32	8,506	32	10,607	25
Chemical products	411	716	74	1,017	42	277	- 24	1,084	\$	1,226	13	1,499	22	2,053	37	2,536	24
General machinery	663	929	4	1,103	19	986	=-	1,051	7	1,160	10	1,261	6	1,617	32	2,031	76
Machinery and equipment	1,499	1,866	22	2,550	37	2,195	- 14	2,252	7	2,406	7	3,100	53	4,310	39	5,015	16
Transportation equipment	430	323	- 25	649	101	200	- 23	358	- 28	348	-3	610	7.5	986	62	1,091	Ξ
Aircraft	373	228	- 39	524	129	<b>%</b>	Z	232	- 76	134	- 42	309	131	716	132	890	74
Precision instruments	94.9	127	34	174	37	158	6-	176	12	500	4	253	56	358	42	405	13
Passenger cars	27.9	9	133	84.2	53	N/A	N/A	N/A	A/A	A/A	V/N	K/Z	K/Z	170	N/A	86	- 42
Other products	749	0,001	43	1,253	18	1,04	- 17	1,130	6	1,118	7	1,552	39	2,142	38	3,056	43
Reimports, commodity and	43	4	7	48	6	55	15	62	13	78	56	119	53	133	12	149	12
transaction not classified																	
according to kind.																	
Total	5,852	9,270	28	12,682	37	11,608	- 8.4	11,809	7	12,396	s	14,790	61	20,431	38	24,408	20
Source. White Paper on In		T long	prinational Trade Janan	1	1072 1080	Long	Ionon Dytornol	Trodo		acito.							

Source: White Paper on International Trade Japan, 1972-1980, Japan External Trade Organization

several percentage points, the volume of trade between the two countries has expanded steadily, from a mere \$233.9 million in Japanese exports in 1953 to a staggering \$21.367 billion in 1980. Japanese imports from the United States increased from \$757.5 million in 1953 to \$24.408 billion in 1980.

- 4. Over the years the value of Japanese exports of textile products has declined, and that of its exports of automobiles and sophisticated electronic goods and equipments has increased. In 1980 the United States was the largest importer of Japanese products and services, accounting for 24.2 percent of Japan's total exports (Nippon, 1982, p. 111). This shift in export patterns has accompanied the changing focus of Japanese industrial policy. Immediately after World War II Japan relied on the export of textiles and other light-industrial products that used a fairly low level of technology. In the 1980s the government's emphasis is on the export of high-quality products with a higher added value per unit that would use Japan's own "original technology" (White Paper, 1981, p. 40). In the coming decades Japanese exports will compete more directly with U.S. products both in the United States and elsewhere.
- 5. Conversely, Japanese imports of manufactured products and machinery from the United States have declined over the years, and its imports of foodstuffs and other raw materials have increased. This reflects Japan's continued dependence on raw materials from abroad to fuel its industrial growth, and the need to import foodstuffs and other agricultural products to feed its 117 million people. The latter area offers prospects for U.S. exporters. In 1980 the United States was the major supplier of products and services to Japan, accounting for 17.3 percent of total Japanese imports for the year (Nippon, 1982, p. 111).

### Problems and Prospects for U.S.-Japan Trade

This cursory review of trade between the United States and Japan indicates that since the early 1970s Japan has enjoyed a growing balance-of-trade surplus with the United States at a time the latter's economy has been faltering in various sectors. This has led to trade tensions between the two nations, centered around two broad categories. First, the United States alleges that the Japanese market is closed to U.S. imports and foreign investment because of high tariffs and restrictive nontariff barriers. Second, Japan's policy of industrial targeting (government protection and incentives to Japanese exporters and manufacturers) places their U.S. counterparts at a distinct disadvantage in both the Japanese and the world markets.

These allegations will be examined through discussion of the following subjects: (1) Japan's efforts to liberalize trade since the 1950s—what has