

Appendix Table 7.3

**World Exports of Agricultural Machinery, Excl. Tractors (SITC, Rev. 3= 721),
1992-96 (thousand US dollars)**

	1992	1993	1994	1995	1996
United States	1,641,475	1,894,597	2,014,791	2,094,059	2,417,155
Germany	1,626,022	1,347,011	1,547,995	1,869,969	1,964,538
Italy	769,423	762,805	910,112	1,097,037	1,290,606
France	642,985	525,448	595,105	722,271	743,496
Denmark	389,790	312,929	441,969	561,183	602,913
Canada	323,115	410,861	441,923	484,136	587,139
Belgium-Lux	415,185	306,644	437,997	491,111	580,553
Netherlands	513,763	471,032	499,206	578,772	513,258
Untd Kingdom	364,141	261,889	321,983	392,077	432,729
Austria	179,551	165,540	185,010	220,194	232,598
Japan	322,706	270,403	249,864	210,582	200,449
Brazil	74,433	93,234	126,180	133,373	190,462
Sweden	292,696	238,447	337,994	198,577	160,327
Norway	111,501	91,786	127,006	135,683	148,443
Spain	101,149	69,664	93,773	99,873	134,156
Mexico	28,111	68,636	80,641	101,927	
Czech Rep		59,248	63,695	86,715	95,336
Finland	52,945	48,225	68,760	72,089	82,812
Australia	45,409	51,800	53,357	73,636	76,872
Switz. Liecht	57,024	52,911	49,029	69,342	73,465
Hungary				72,798	
New Zealand	30,420	39,364	44,049	54,850	53,834
Ireland	38,334	33,343	43,142	45,458	52,824
Poland	22,204	23,474	34,573	44,419	
Israel	32,162	32,640	41,979	49,240	41,600
China	19,932	26,203	30,318	30,604	36,536
Slovakia			10,740	17,150	23,303
Singapore	9,896	14,857	13,808	15,927	22,957
Korea Rep.	20,211	14,728	16,130	17,908	19,933
Malaysia	1,480	2,654	2,988	5,428	18,659
Slovenia	10,993	10,122	13,916	18,036	
S.Afr.Cus.Un	12,575	8,772	11,840	16,068	
Argentina	8,245	10,627	9,973	10,928	13,259
Portugal	12,597	6,601	10,021	10,429	11,000
Turkey	7,912	7,885	8,702	9,689	
Romania	4,027	5,569	11,631	4,520	6,510
Croatia	5,429	3,711	3,224	5,302	5,464
Estonia					5,376
Yugoslavia					4,903
Algeria	1,441	121	2,039	4,512	
Latvia			5,435	4,664	4,196
Thailand	3,609	4,787	5,612	3,640	
Lithuania	749		3,360		
Greece	2,037	4,052	2,267	3,041	
Tunisia	2,851	2,950	2,237	3,887	2,884
Colombia	2,427	1,837	2,961	2,659	
Rep.Moldova			558	1,723	
Zimbabwe	1,418	1,329	5,565	1,685	
Costa Rica			1,470	1,163	1,523
Chile	604	702	1,910	989	1,502
Philippines	54	9	66	240	1,434
Kyrgyzstan				469	1,421
Indonesia	147	279	1,126	1,715	1,388
Venezuela	1,126	820	1,036	1,187	
Total	8,204,304	7,760,546	8,989,066	10,152,934	10,857,813

Source: United Nations (UN), COMTRADE Database.

Appendix Table 7.4

World Imports of Agricultural Machinery, Excl. Tractors (SITC, Rev.3 = 721),
1992-96

(thousand US dollars)

	1992	1993	1994	1995	1996
France	933,112	792,275	1,010,019	1,217,064	1,310,075
United States	674,746	806,193	897,164	940,096	981,675
Germany	969,070	696,335	819,398	1,007,594	979,042
Canada	635,253	816,422	853,247	853,280	905,424
Untd Kingdom	523,671	505,816	566,545	676,429	712,249
Australia	129,978	173,078	233,290	241,442	397,661
Netherlands	371,314	245,053	298,620	331,184	311,138
Spain	218,203	172,943	194,990	220,434	286,854
Austria	191,698	162,896	187,856	258,050	281,641
Belgium-Lux	305,436	242,367	278,847	321,511	280,972
Italy	256,553	191,711	192,145	277,991	278,185
Denmark	152,876	108,875	148,693	234,753	247,932
Czech Rep		83,844	108,388	184,014	231,066
Korea Rep.	218,177	190,994	160,390	181,472	207,344
Sweden	151,583	119,705	161,806	183,860	199,063
Switz.Liecht	144,248	145,000	180,082	203,555	190,714
Argentina	51,325	73,769	129,090	119,028	186,048
Japan	157,329	153,466	140,759	169,996	176,023
China	127,980	128,395	134,899	122,441	166,205
Norway	105,694	89,980	107,037	132,411	152,567
Ireland	113,625	88,876	111,792	138,103	148,664
Poland	55,423	48,232	77,994	135,204	
S.Afr.Cus.Un	37,512	51,077	73,703	102,163	
Finland	55,744	35,852	48,642	94,563	100,723
Hungary				97,660	
Slovakia			40,974	76,153	89,643
Indonesia	22,370	36,867	37,794	69,822	89,039
Chile	41,222	38,823	40,782	60,093	85,455
Brazil	20,797	22,833	49,432	80,029	
Romania	16,970	35,198	88,075	103,386	79,743
New Zealand	32,196	46,116	58,952	75,051	79,171
Mexico	101,673	151,469	188,292	77,999	
Greece	88,678	62,029	57,047	67,488	
Thailand	30,198	28,147	30,012	65,316	
Portugal	58,004	43,975	48,634	57,297	58,984
Saudi Arabia	99,775	86,689	52,262		
Morocco		18,634	36,278	26,343	51,918
Malaysia	33,579	24,469	28,959	36,105	49,739
Uruguay		16,116	19,340	26,050	41,704
Singapore	21,041	27,481	33,691	33,773	33,272
Israel	34,649	25,136	28,815	29,843	32,413
Egypt			19,196	21,137	28,763
Slovenia	8,117	9,197	17,025	28,666	
Turkey	24,096	45,101	22,311	27,344	
Philippines	10,214	8,371	16,503	15,954	24,934
Croatia	11,151	20,654	13,954	36,860	24,339
Colombia	8,513	15,350	15,771	21,186	
Hong Kong	10,510	13,263	12,282	17,370	20,450
Tunisia	34,365	30,216	18,127	13,363	19,362
Bulgaria	16,817				
Pakistan	8,320	8,694	15,062	10,987	15,839
Peru	5,455	12,794	6,362	13,671	15,611
Paraguay	5,260	9,023	15,523	15,268	
Zimbabwe	16,419	4,355	13,798	13,797	

Appendix Table 7.4

World Imports of Agricultural Machinery, Excl. Tractors (SITC, Rev.3 = 721),
1992-96

(thousand US dollars)

	1992	1993	1994	1995	1996
Estonia					13,365
Algeria	13,106	19,289	8,522	13,024	
Ecuador	10,867	35,045	11,858	17,139	12,685
Venezuela	22,004	13,506	10,044	11,611	
Lithuania	1,459		10,346		
Rep. Moldova			5,823	9,630	
Costa Rica			10,286	9,404	
Untd Arab Em	5,452	8,587			
Bangladesh	9,974	8,554			
Honduras		6,386	6,215	7,893	
Bahrain			7,838		
Iceland	6,113	4,683	5,436	7,186	7,737
Kuwait	14,225	8,515	8,400	7,723	
Guatemala		8,289	8,276	7,981	7,708
Nicaragua		3,295	5,087	5,130	7,578
Latvia			5,457	6,263	7,557
Panama				7,499	
Bolivia	7,309	5,385	6,817	5,626	6,516
Jordan	5,008	5,506	5,314	5,594	
Cyprus	5,411	5,292	6,259	8,408	5,462
Kyrgyzstan				452	5,259
Mozambique			5,257		
Yugoslavia					5,238
Kenya	13,965	4,999			
Ghana	4,809				
Guadeloupe	2,208	3,119	3,481	4,413	
Reunion	5,208	4,942	3,733	4,274	
Martinique	2,366	3,449	2,747	3,870	
Oman	6,784	5,204	2,267	3,765	
El Salvador			4,766	3,347	3,500
Sri Lanka	2,361	3,524	3,217		
Jamaica			2,658	2,951	
Barbados	909	865	1,764	1,552	2,878
Mauritius	1,542	2,735	2,645	2,791	
Brunei Dar.	1,028	2,178	2,316		
Cameroon				2,461	1,983
Madagascar	752	644	1,026	1,904	
Malta	2,378	1,785			
Fr. Guiana	797	831	1,071	1,652	
Belize	943	1,287	902	1,353	
Trinidad Tob	3,866	1,168	1,042	1,335	
Qatar	2,584	1,589	1,323		
Fiji	1,066	1,008	1,039		
Gabon		2,235	1,146		771
Seychelles	782	489	1,626	540	510
Total	7,496,215	7,138,537	8,306,653	9,733,420	9,660,391

Source: United Nations (UN), COMTRADE Database.

Appendix Table 7.5
World Exports of Tractors (SITC, Rev.3, 722), 1992-96
(thousand US dollars)

	1992	1993	1994	1995	1996
United Kingdom	996,171	943,140	1,178,784	1,438,839	1,728,710
Germany	1,164,278	967,881	1,278,642	1,662,958	1,672,560
Usa,Pr,Usvi	964,133	985,756	1,089,950	1,273,805	1,466,380
Italy	658,622	668,770	725,100	974,162	1,215,811
Japan	628,672	690,081	916,288	884,481	807,860
France	282,946	250,957	340,036	462,789	458,896
Canada	143,138	218,141	327,996	459,213	400,753
Finland	85,278	89,581	142,200	238,738	263,622
Austria	75,757	72,459	86,209	101,886	146,445
Brazil	73,239	51,892	62,137	76,200	131,497
Czech Rep		68,496	37,116	118,565	108,097
Mexico	1,725	9,728	43,279	85,847	
Poland	27,415	26,296	55,940	66,225	
China	37,017	47,172	41,437	69,665	59,438
Belgium-Lux	111,920	47,816	42,509	64,705	51,822
Netherlands	47,244	43,312	36,686	38,942	36,174
Sweden	22,944	16,771	21,227	32,948	34,465
Slovakia			19,869	21,730	32,109
Romania	45,332	38,462	26,020	33,001	28,577
Denmark	15,677	17,552	21,225	27,589	27,654
Korea Rep.	1,306	11,332	21,382	19,414	20,255
Switz.Liecht	15,275	15,337	16,977	24,490	19,086
Spain	10,839	10,895	11,364	7,590	18,767
S.Afr.Cus.Un	4,929	4,445	5,071	9,944	
Ireland	6,982	5,489	4,107	8,005	7,317
Rep.Moldova			6,575	6,495	
Singapore	4,811	9,555	4,349	9,037	6,403
Colombia	49	6,106	13,046	5,802	
Portugal	3,699	2,843	3,795	7,202	5,456
Argentina	1,229	1,520	3,567	4,552	4,230
Yugoslavia					4,134
Bangladesh	3,990				
Lithuania	45		3,765		
Norway	3,562	1,526	1,872	2,009	3,598
Thailand	4,460	4,989	6,808	3,188	
Australia	2,988	4,301	1,280	1,345	2,896
Kuwait	2,550	2,312	3,962	2,301	
Bolivia	53	390	653	1,611	
Slovenia	1,238	981	762	1,412	
Croatia	10,396	2,137	1,260	939	1,357
Malaysia	919	2,663	1,372	1,476	1,189
Hungary				1,047	
Estonia					1,005
Mauritius	541	2,488	678	960	
Israel		813	3,505	395	573
Venezuela	254	1,249	1,418	565	
Latvia			1,228	519	311
Greece	1,081	3,682	323	289	
Turkey	396	1,668	570	167	
Peru	1,370	1,286	114	64	55
Total	5,464,470	5,352,270	6,612,473	8,253,106	8,767,502

Source: United Nations (UN), COMTRADE Database.

Appendix Table 7.6
World Imports of Tractors (SITC, Rev.3, 722), 1992-96
(thousand US dollars)

	1992	1993	1994	1995	1996
United States	1,265,670	1,327,787	1,829,853	1,985,345	1,768,614
France	480,813	417,672	596,144	922,173	1,122,726
Canada	369,631	449,554	474,554	489,110	539,168
Spain	178,216	134,622	255,739	323,008	470,944
Untd Kingdom	240,738	322,460	396,180	463,670	430,288
Germany	427,317	312,405	318,772	384,093	401,054
Australia	100,524	144,992	222,336	248,166	353,162
Italy	129,781	90,860	126,161	180,932	279,798
S.Afr.Cus.Un	33,400	70,933	130,022	265,122	
Thailand	140,299	164,722	212,068	244,870	
Belgium-Lux	120,846	90,989	139,799	254,396	222,648
Denmark	78,556	49,652	93,830	147,374	178,042
Japan	114,281	124,545	158,429	146,785	176,104
Austria	142,846	132,356	139,897	140,054	168,218
Netherlands	215,064	92,729	154,051	163,857	158,657
Norway	53,475	55,398	93,424	135,970	142,083
Portugal	93,030	64,335	69,657	101,500	129,099
Korea Rep.	81,845	69,478	72,399	111,176	127,828
Sweden	68,994	43,244	82,999	112,076	122,806
Switz.Liecht	82,336	84,195	108,156	137,013	120,329
Finland	48,844	43,393	69,480	99,072	118,089
Argentina	34,893	32,844	55,707	42,872	102,405
Ireland	62,910	52,176	75,891	95,139	97,978
New Zealand	40,484	65,843	80,370	73,108	81,602
Greece	99,245	34,348	32,892	55,309	
Czech Rep		16,503	29,916	41,167	52,013
Malaysia	24,315	28,342	27,547	38,716	50,893
Pakistan	59,719	43,568	37,255	141,384	50,233
Singapore	9,631	11,634	11,824	52,205	40,659
Chile	42,993	32,111	29,898	34,676	40,067
Morocco		13,935	51,173	23,100	38,589
Tunisia	66,569	59,236	26,999	30,020	37,544
Uruguay		13,019	16,236	20,797	33,886
Slovenia	18,771	20,368	22,424	32,882	
Hungary				32,440	
Colombia	21,309	21,387	27,801	32,203	
Israel	20,420	23,869	32,971	36,664	31,602
Zimbabwe	30,219	16,814	38,547	25,388	
Indonesia	15,344	13,144	18,597	18,094	23,948
Mexico	69,978	28,297	52,108	22,460	
Brazil	2,491	14,684	20,806	20,109	
Slovakia			6,373	9,989	19,633
Sri Lanka	9,752	11,388	18,469		
Egypt			9,554	12,329	17,716
Bulgaria	17,542				
Croatia	10,973	12,992	14,665	20,194	14,426
Philippines	4,107	4,078	5,627	9,198	14,236
Paraguay	7,842	11,416	13,831	13,357	
Poland	6,866	8,381	9,397	13,347	
Untd Arab Em	9,404	12,518			
Peru	4,846	27,175	24,121	18,182	12,426
Kenya	9,087	11,973			
Bolivia	10,299	7,062	11,104	10,176	11,837
Panama				11,416	
China	77,862	80,835	51,014	26,682	11,334
Ecuador	12,704	7,646	12,077	13,400	10,281

Appendix Table 7.6
World Imports of Tractors (SITC, Rev.3, 722), 1992-96
(thousand US dollars)

	1992	1993	1994	1995	1996
Turkey	11,579	18,555	4,825	10,038	
Venezuela	53,207	15,430	3,531	9,739	
Lithuania	4,879		9,563		
Costa Rica			10,128	9,303	
Romania	3,096	4,481	3,585	6,591	8,074
Iceland	5,238	4,364	3,694	5,947	7,795
Guatemala		8,454	10,730	10,315	6,833
Cyprus	5,439	5,739	5,296	7,329	6,828
Latvia			4,298	5,220	6,823
Mozambique			5,551		
Cameroon				3,976	5,384
Jordan	5,542	5,990	3,099	5,349	
Jamaica			2,632	4,863	
Reunion	4,571	3,649	3,403	4,801	
Yugoslavia					4,599
Honduras		6,867	5,004	4,564	
Saudi Arabia	19,795	14,989	4,324		
Estonia					4,177
Gabon		1,170	6,254		4,003
Kuwait	25,036	15,542	11,969	3,910	
Martinique	2,028	1,296	1,810	3,866	
Mauritius	4,462	6,820	3,513	3,348	
Nicaragua		1,474	3,057	2,411	2,912
Mongolia					2,569
El Salvador			3,691	3,472	2,549
Algeria	11,327	1,027	342	2,378	
Ghana	2,283				
Kyrgyzstan				873	2,251
Guadeloupe	1,476	1,220	1,583	1,840	
Madagascar	1,749	1,477	729	1,703	
Trinidad Tob	1,617	594	1,154	1,527	
Malawi			1,158	1,498	
Congo		67	1,492		
Belize	1,017	1,668	1,242	1,218	
Barbados	204	443	892	1,393	935
Oman	3,786	1,746	3,460	925	
Qatar	2,147	1,393	599		
Bangladesh	1,059	489			
Total	5,438,618	5,148,851	6,731,752	8,201,162	7,888,697

Source: United Nations (UN), COMTRADE Database.

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
 (percent)

HS Code	Description	Rate
84.01	Nuclear Reactors; Fuel Elements (Cartridges), Non-Irradiated For Nuclear Reactors; Machinery And Apparatus For Isotopic Separation	Duty Free
84.02	Steam Or Other Vapor Generating Boilers (Other Than Central Heating Hot Water Boilers Capable Also Of Producing Low Pressure Steam); Super-Heated Water Boilers	Duty Free
84.03	Central Heating Boilers Other Than Those Of Heading No.84.02	Duty Free
84.04	Auxiliary Plant For Use With Boilers Of Heading No. 84.02 Or 84.03 (For Example, Economizers, Super-Heaters, Soot Removers, Gas Recoverer); Condensers For Steam Or Other Vapor Power Units	Duty Free
84.05	Gas Producer Or Water Gas Generators, With Or Without Their Purifiers; Acetylene Gas Generators And Similar Gas Generators, With Or Without Their Purifiers	Duty Free
84.06	Water Steam Turbines And Other Vapor Turbines	Duty Free
84.07	Spark-Ignition Reciprocating Or Rotary Internal Combustion Piston	Duty Free
84.08	Compression-Ignition Internal Combustion Piston Engines(Diesel Or Semi-Diesel Engines), Engines Using Fuel With Low Cetan	Duty Free
84.09	Parts Suitable For Use Solely Or Principally With The Engines Of Heading No.84.07 Or 84.08	Duty Free
84.1	Hydraulic Turbines, Water Wheels, And Regulators Therefor	Duty Free
84.11	Turbo-Jets, Turbo-Propellers And Other Gas Turbines	Duty Free
84.12	Other Engines And Motors	Duty Free
84.13	Pumps For Liquids, Whether Or Not Fitted With A Measuring Device; Liquid Elevators	Duty Free
84.14	Air Or Vacuum Pumps, Air Or Other Gas Compressors And Fans; Ventilating Or Recycling Hoods Incorporating A Fan, Whether Or Not Fitted With Filters	Duty Free
84.15	Air Conditioning Machines, Comprising A Motor-Driven Fan And Elements For Changing The Temperature And Humidity, Including Those Machines In Which The Humidity Cannot Be Separately Regulated	Duty Free
84.16	Furnace Burners For Liquid Fuel, For Pulverized Solid Fuel Or For Gas; Mechanical Stokers, Including Their Mechanical Grates, Mechanical Ash Dischargers And Similar Appliances	Duty Free
84.17	Industrial Or Laboratory Furnaces And Ovens, Including Incinerators, Non-electric	Duty Free
84.18	Refrigerators, Freezers And Other Refrigerating Or Freezing Equipment, Electric Or Other, Heat Pumps Other Than Air Conditioning Machines Of Heading No.84.15	Duty Free
84.19	Machinery, Plant Or Laboratory Equipment, Whether Or Not Electrically Heated, For The Treatment Of Materials By A Process Involving A Change Of Temperature Such As Heating, Cooking, Roasting, Distilling, Rectifying, Sterilizing, Pasteurizing, Steaming	Duty Free
84.2	Calendering Or Other Rolling Machines, Other Than For Metals Or Glass, And Cylinders	Duty Free

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
84.21	Centrifuges, Including Centrifugal Dryers; Filtering Or Purifying Machinery And Apparatus, For Liquids Or Gases	Duty Free
84.22	Dish Washing Machines; Machinery For Cleaning Or Drying Bottles Or Other Containers; Machinery For Filling, Closing, Sealing, Capsuling Or Labelling Bottles, Cans, Boxes, Bags Or Other Containers, Other Packing Or Wrapping Machinery; Machinery For Aeratin	Duty Free
84.23	Weighing Machines (Excluding Balances Of A Sensitivity Of 5 Cg Or Better), Including Weight Operated Counting Or Checking Machines; Weighing Machines Of All Kinds	Duty Free
84.24	Mechanical Appliances (Whether Or Not Hand-Operated) For Projecting, Dispersing Or Spraying Liquids Or Powders; Fire Extinguishers, Whether Or not Charged; Spray Guns And Similar Appliances; Steam Or Sand Blasting Machines And Similar Jet Projecting Machines	Duty Free
84.25	Pulley Tackle And Hoists Other Than Skip Hoists; Winches And Capstans; Jacks	Duty Free
84.26	Ships' Derricks; Any Type Of Cranes, Including Cable Cranes, Mobile Lifting Frames, Straddle Carriers And Works Trucks Fitted With A crane	Duty Free
84.27	Fork-Lift Trucks; Other Works Trucks Fitted With Lifting Or Handling Equipment	Duty Free
84.28	Other Lifting, Handling, Loading Or Unloading Machinery (For Example, Lifts, Escalators, Conveyors, Teleferics)	Duty Free
84.29	Self-Propelled Bulldozers, Angledozers, Graders, Jewellers, Scrapers Mechanical Shovels, Excavators, Shovel Loaders, Tamping Machines And Road Rollers	Duty Free
84.3	Other Moving, Grading, Leveling, Scraping, Excavating Tamping Compacting, Extracting Or Boring Machinery, For Earth, Mineral Or Ores; Pile-Drivers And Pile-Extractors; Snow-Ploughs And Snow-Blowers	Duty Free
84.31	Parts Suitable For Use Solely Or Principally With The Machinery Of Heading Nos 84.25 To 84.30	Duty Free
84.32	Agricultural, Horticultural Or Forestry Machinery For Soil Preparation Or Cultivation; Lawn Or Sports-Ground Rollers	5%
84.33	Harvesting Or Threshing Machinery, Including Straw Or -Fodder Balers; Grass Or Hay Mowers; Machines For Cleaning, Sorting Or Grading Eggs, Fruit Or Other Agricultural Produce Other Than Machinery Of Heading NO.84.37	Duty Free
84.34	Milking Machines And Dairy Machinery For Industrial And Agriculture Use	Duty Free
84.35	Presses, Crushers And Similar Machinery Used In The Manufacture Of Wine, Cider, Fruit Juices Or Similar Beverages	Duty Free
84.36	Other Agricultural, Horticultural, Forestry, Poultry-Keeping Or Bee-Keeping Machinery, Including Germination Plant Fitted With Mechanical Or Thermal Equipment; Poultry Incubators And Brooders	Duty Free
84.37	Machines For Cleaning, Sorting Or Grading Seed, Grain Or Dried Leguminous Vegetables; Machinery Used In The Milling Industry Or For The Working Of Cereals Or Dried Leguminous Vegetables, Other Than Farm-Type Machinery	Duty Free

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
 (percent)

HS Code	Description	Rate
84.38	Machinery, Not Specified Or Included Elsewhere In This Chapter, For The Industrial Preparation Or Manufacture Of Food Or Drink, Other Than Machinery For The Extraction Or Preparation Of Animal Or Fixed Vegetable Fats Or Oils	Duty Free
84.39	Machinery For Making Pulp Of Fibrous Cellulosic Material Or For Making Or Finishing Paper Or Paperboard	Duty Free
84.4	Book-Binding Machinery, Including Book-Sewing Machines	Duty Free
84.41	Other Machinery For Making Up Paper Pulp, Paper Or Paperboard, Including Cutting Machines Of All Kinds	Duty Free
84.42	Machinery, Apparatus And Equipment (Other Than The Machine-Tools Of Heading Nos.84.56 To 84.65), For Type-Founding Or Typesetting, For Preparing Or Making Printing Blocks, Plates, Cylinders Or Other Printing Components; Blocks, Plates, Cylinders	Duty Free
84.43	Printing Machinery; Machines For Uses Ancillary To Printing	Duty Free
84.44	Machines For Extruding, Drawing, Texturing Or Cutting Manmade Textile Materials	Duty Free
84.45	Machines For Preparing Textile Fibers; Spinning, Doubling Or Twisting Machines And Other Machinery For Producing Textile Yarns; Textile Reeling Or Winding (Including Weft-Winding) Machines And Machines For Preparing Textile Yarns For Use On The Machines O	Duty Free
84.46	Weaving Machines (Looms)	Duty Free
84.47	Knitting Machines, Stitch-Bonding Machines And Machines For Making Gimped Yarn, Tuile, Lace, Embroidery, Trimmings Braid Or Net And Machines For Tufting	Duty Free
84.48	Auxiliary Machinery For Use With Machines Of Heading No.84.44,84.45,84.46 Or 84.47 (For Example, Dobbies, Jacquards, Automatic Stop Motions, Shuttle Changing Mechanisms); Parts And Accessories Suitable For Use Solely Or Principally With The Machines Of This	Duty Free
84.49	Machinery For The Manufacture Or Finishing Of Felt Or unwoven In The Piece Or In Shapes, Including Machinery For Making Felt Hats; Blocks For Making Hats	Duty Free
84.5	Household Or Laundry-Type Washing Machines, Including Machines Both And Dry, Machines Each Of A Dry Linen Capacity Not Exceeding 10 Kg, excepting	Duty Free
84.50.19	Other Types Of Household Or Laundry-Type Washing Machines	20%
84.51	Machinery (Other Than Machines Of Heading No. 84.50) For Washing Cleaning, Ironing, Pressing (Including Fusing Presses), Bleaching, Dyeing, Dressing, Finishing, Coating Or Impregnating Textile Yarns, Fabrics Or Made Up Textile Articles And Machines For Applying The Paste To The Base Fabric Or Other Support Used In The Manufacture Of Floor Covering Such As Linoleum; Machines For Reeling, Unreeling, Folding, Cutting Or Pinking Textile Fabrics	Duty Free
84.52	Sewing Machines, Other Than Book-Sewing Machines Of Heading No.84.40; Furniture, Bases And Covers Specially Designed For Sewing Machines; Sewing Machines Needles	Duty Free

(cont'd)

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
84.53	Machinery For Preparing, Tanning Or Working Hides, Skins Or Leather Or For Making Or Repairing Footwear Or Other Articles Of Hides, Skins Or Leather, Other Than Sewing Machines	Duty Free
84.54	Converters, Ladles, Ingot Moulds And Casting Machines, Of A Kind Used In Metallurgy Or In Metal Foundries	Duty Free
84.55	Metal-Rolling Mills And Rolls Therefor	Duty Free
84.56	Machine-Tools For Working Any Material By Removal Of Material, By Laser Or Other Light Or Photon Beam, Ultra-Sonic, Electro-Discharge, Electrochemical, Electron Beam, Ionic-Beam Or Plasma Arc Processes	Duty Free
84.57	Machining Centers, Unit Construction Machines (Single Station And Multi-Station Transfer Machines, For Working Metal	Duty Free
84.58	Lathes For Removing Metal	Duty Free
	<i>Excepting</i>	
84.58.11.2	Lathes for removing metal, others	20%
84.59	Machine-Tools (Including Way-Type Unit Head Machines) For Drilling, Boring, Milling, Threading Or Tapping By Removing Metal, Other Than Lathes Of Heading No.84.58	Duty Free
84.6	Machine-Tools For Deburring, Sharpening, Grinding, Honing, Lapping, Polishing Or Otherwise Finishing Metal, Sintered Metal Carbides Or Cements By Means Of Grinding Stones, Abrasives Or Polishing Products, Other Than Gear Cutting, Gear Grinding Or Gear Finishing Machines Of Heading No.84.61	Duty Free
84.61	Machine-Tools For Planing, Shaping, Slotting, Broaching, Gear Cutting, Gear Grinding Or Gear Finishing, Sawing, Cutting-Off And Other-Machine Tools Working By Removing Metal, Sintered Metal Carbides Or Cements Not Elsewhere Specified Or Included	Duty Free
84.62	Machine-Tools (Including Presses) For Working Metal By Forging, Hammering Or Die-Stamping; Machine-Tools (Including Presses) For Working Metal By Bending, Folding, Straightening, Flattening, Shearing, Punching Or Notching;	Duty Free
84.63	Other Machine-Tools For Working Metal, Sintered Metal Carbides Or Cements, Without Removing Material	Duty Free
84.64	Machine-Tools For Working Stone, Ceramics, Concrete, Asbestos Cement Or Like Mineral Materials Or For Cold Working Glass	Duty Free
84.65	Machine-Tools (Including Machines For Nailing, Stapling, Gluing Or Otherwise Assembling) For Working Wood, Cork, Bone, Hard Rubber, Hard Plastics Or Similar Materials	Duty Free
84.66	Parts And Accessories Suitable For Use Solely Or Principally With The Machines Of Heading Nos.84.56 To 84.65, Including Work Or Tool Holders, Self-Opening Disheads, Dividing Heads And Other Special Attachments For Machine- Tools; Tool Holders For Any Type	Duty Free
84.67	Tools For Working In The Hand, Pneumatic Or With Self-Contained Non-Electric Motor	Duty Free
84.68	Machinery And Apparatus For Soldering, Brazing Or Welding, Whether Or Not Capable Of Cutting, Other Than Those Of Heading No.85.15; Gas-Operated Surface Tempering Machines and Appliances	Duty Free

(cont'd)

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
84.7	Calculating Machines; Accounting Machines, Postage-Franking Machines, Ticket-Issuing Machines And Similar Machines, Incorporating A Calculating Device; Cash Registers	Duty Free
84.71	Automatic Data Processing Machines And Units Thereof; Magnetic Optical Readers, Machines For Transcribing Data Onto Data Media encoded Form And Machines For Processing Such Data, Not Elsewhere Specified Or Included	Duty Free
84.72	Other Office Machines (For Example, Hectograph Or Stencil Duplicating Machines, Addressing Machines, Automatic Banknote Dispensers, Coin-Counting Or -Wrapping Machines, Pencil Sharpening Machines, Perforating Or Stapling Machines)	Duty Free
84.73	Parts And Accessories (Other Than Covers, Carrying Cases And The Like) Suitable For Use Solely Or Principally With Machines Of Headings Nos.84.69 To 84.72	Duty Free
84.74	Machinery For Sorting, Screening, Separating, Washing, Crushing, Grinding, Mixing Or Kneading Earth, Stone, Ores Or Other Mineral Substances, In Solid (Including Powder Or Paste) Form; Machinery For Agglomerating, Shaping Or Molding Solid Mineral Fuels, Ceramic Paste, Unhardened Cements, Plastering Materials Or Other Mineral Products In Powder Or Paste Form; Machines For Forming Foundry Moulds Of Sand	Duty Free
84.75	Machines For Assembling Electric Or Electronic Lamps, Tubes Or Valves Or Flashbulbs, In Glass Envelopes; Machines For Manufacturing Or Hot Working Glass Or Glassware	Duty Free
84.76	Automatic Goods-Vending Machines (For Example, Postage Stamps Cigarette, Food Or Beverage Machines), Including Money-Changing Machines	Duty Free
84.77	Machinery For Working Rubber Or Plastics Or For The Manufacture Of Products From These Materials, Not Specified Or Included Elsewhere In This Chapter	Duty Free
84.78	Machinery For Preparing Or Making Up Tobacco, Not Specified Or Included Elsewhere In This Chapter	Duty Free
84.79	Machines And Mechanical Appliances Having Individual Functions, Not Specified Or Included Elsewhere In This Chapter	Duty Free
84.8	Molding Boxes For Metal Foundry; Mould Bases; Molding Patterns; Moulds For Metal (Other Than Ingot Moulds), Metal Carbides, Glass, Mineral Materials, Rubber Or Plastics	Duty Free
84.81	Taps, Cocks, Valves And Similar Appliances For Pipes, Boiler Shells, Tanks, Vats Or The Like, Including Pressure-Reducing Valves And Thermostatically Controlled Valves	Duty Free
	<i>excepting</i>	
84.81.8	Taps, cocks and valves for sinks, wash basins, bidets, water cisterns, baths and similar fixtures	10%
84.82	Ball Or Roller Bearings	Duty Free (cont'd)

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
84.83	Transmission Shafts (Including Cam Shafts And Crank Shafts) And Cranks, Bearing Housing And Plain Shaft Bearing; Gears And Gearing; Ball Screws; Gear Boxes And Other Speed Changers, Including Torque Converters; Flywheels And Pulleys, Including Pulley Blocks	Duty Free
84.84	Gaskets And Similar Joints Of Metal Sheetting Combined With Other Material Or Two Or More Layers Of Metal; Sets Or Assortments Of Gaskets And Similar Joints, Dissimilar In Composition, Put Up In Pouches, Envelopes Or Similar Packing	Duty Free
84.85	Machinery Parts, Not Containing Electrical Connectors, Insulators, Coils, Contacts Or Other Electrical Features, Not Specified Or Included Elsewhere In This Chapter	Duty Free
85.01	Electrical Motors And Generators (Excluding Generating Sets)	Duty Free
85.02	Electric Generating Sets And Rotary Converters	Duty Free
85.03	Parts Suitable For Use Solely Or Principally With The Machines Of Heading No.85.01 Or 85.02	Duty Free
85.04	Electric Transformers, Static Converters (For Example, Rectifiers) And Inductors	Duty Free
85.05	Electro-Magnets; Permanent Magnets And Articles Intended To Become Permanent Magnets After Magnetization; Electromagnetic Or Permanent Magnet Chucks, Clamps And Similar Holding Devices; Electromagnetic Couplings, Clutches And Brakes; Electro-Magnetic Lifting Heads	Duty Free
85.06	Primary Cells And Primary Batteries	Duty Free
85.07	Electric Accumulators, Including Separators Therefore, Whether Or Not Rectangular (Including Square)	Duty Free
	<i>Excluding:</i>	
85.07.10.81	Led-acid electrical accumulators used for starting piston engines	15%
85.08	Electro-Mechanical Tools For Working In The Hand, With Self-Contained Electric Motor	Duty Free
85.09	Electro-Mechanical Domestic Appliances, With Self-Contained	Duty Free
85.1	Shavers And Hair Clippers, With Self-Contained Electric Motor	Duty Free
85.11	Electrical Ignition Or Starting Equipment Of A Kind Used For Spark-Ignition Or Compression-Ignition Internal Combustion Engines (For Example, Ignition Magnetos, Magneto-Dynamos, Ignition Coils, Sparking Plugs And Glow Plugs, Starter Motors);Generators (For	Duty Free
85.12	Electrical Lighting Or Signaling Equipment (Excluding Articles Of Heading No.85.39), Windscreen Wipers, Defrosters And Demisters, Of A Kind Used For Cycles Or Motor Vehicles	Duty Free
85.13	Portable Electric Lamps Designed To Function By Their Own Source Of Energy (For Example, Dry Batteries, Accumulators, Magnetos), Other Than Lighting Equipment Of Heading No.85.12	Duty Free
85.14	Industrial Or Laboratory Electric (Including Induction Or Dielectric) Furnaces And Ovens; Other Industrial Or Laboratory Induction Or Dielectric Heating Equipment	Duty Free

(cont'd)

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
85.15	Electric (Including Electrically Heated Gas), Laser Or Other Light Or Photon Beam, Ultrasonic, Electron Beam, Magnetic Pulse Or Plasma Arc Soldering, Brazing Or Welding Machines And Apparatus, Whether Or Not Capable Of Cutting; Electric Machines	Duty Free
85.16	Electric Instantaneous Or Storage Water Heaters And Immersion Heaters; Electric Space Heating Apparatus And Soil Heating Apparatus; Electro-Thermic Hair-Dressing Apparatus (For Example, Hair Dryers, Hair Curlers, Curling Tong Heaters) And Hand Dryers <i>Excluding:</i>	Duty Free
85.16.5	Microwave ovens	20%
85.17	Electrical Apparatus For Line Telephony Or Line Telegraphy, Including Such Apparatus For Carrier-Current Line Systems <i>Excluding:</i>	Duty Free
85.17.19.9	Electrical apparatus for line telephony or line telegraphy, other than for telephones sets	10%
85.18	Microphones And Stands Therefor; Loudspeakers, Whether Or Not Mounted In Their Enclosures; Headphones, Earphones And Combined Microphone/Speaker Sets; Audio-Frequency Electric Amplifiers; Electric Sound Amplifier Sets	Duty Free
85.19	Turntables (Record Decks), Record-Players, Cassette- Players And Other Sound Reproducing Apparatus, Not Incorporating A Sound Recording Device	Duty Free
85.2	Magnetic Tape Recorders And Other Sound Recording Apparatus, Whether Or Not Incorporating A Sound Reproducing Device	Duty Free
85.21	Video Recording Or Reproducing Apparatus, Whether Or Not Incorporating A Video Tuner	Duty Free
85.22	Parts And Accessories Of Apparatus Of Headings Nos. 85.19 To 85.21	Duty Free
85.23	Prepared Unrecorded Media For Sound Recording Or Similar Recording Of Other Phenomena, Other Than Products Of Chapter 37	Duty Free
85.24	Records, Tapes And Other Recorded Media For Sound Or Other Similarly Recorded Phenomena, Including Matrices And Masters For The Production Of Records, But Excluding Products Of Chapter 37	Duty Free
85.25	Transmission Apparatus For Radio-Telephone, Radio-Telegraphy, Telegraphy, Radio-Broadcasting Or Television, Whether Or Not Incorporating Reception Apparatus Or Sound Recording Or Reproducing Apparatus; Television Cameras	Duty Free
85.26	Radar Apparatus, Radio Navigational Aid Apparatus And Radio Remote Control Apparatus	Duty Free
85.27	Reception Apparatus For Radio-Telephony, Radio-Telegraphy Or Radio-Broadcasting, Whether Or Not Combined, In The Same Housing, With Sound Recording Apparatus Or A Clock	Duty Free
85.28	Television Receivers (Including Video Monitors And Video Projectors), Whether Or Not Incorporating Radio-Broadcast Receivers Or Sound Or Video Recording Or Reproducing Apparatus	10%
85.29	Parts Suitable For Use Solely Or Principally With The Apparatus Of Headings Nos. 85 To 85.28	Duty Free <i>(cont'd)</i>

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
(percent)

HS Code	Description	Rate
85.3	Electrical Signaling, Safety Or Traffic Control Equipment For Railways, Tramways, Roads, Inland Waterways, Parking Facilities, Port Installations Or Airfields (Other Than Those Of Heading No. 86.06)	Duty Free
85.31	Electric Sound Or Visual Signaling Apparatus (For Example Bells, Sirens, Indicator Panels, Burglar Or Fire Alarms), Other Than Those Of Heading No. 85.12 Or 85.30	Duty Free
85.32	Electrical Capacitors, Fixed, Variable Or Adjustable(Pre-Set)	Duty Free
85.33	Electrical Resistors (Including Rheostats And Potentiometers), Other Than Heating Resistors	Duty Free
85.34	Printed circuits	Duty Free
85.35	Electrical Apparatus For Switching Or Protecting Electrical Circuits, Or For Making Connections To Or In Electrical Circuits (For Example, Switches, Fuses, Lightning Arresters, Voltage Limiters, Surge Suppressors, Plugs, Junction Boxes), For A Voltage Exceeding	Duty Free
85.36	Electrical Apparatus For Switching Or Protecting Electrical Circuits, Or For Making Connections To Or In Electrical Circuits (For Example, Switches, Relays, Fuses, Surge Suppressors, Plugs, Sockets, Lamp-Holders, Junction Boxes)	Duty Free
85.37	Boards, Panels (Including Numerical Control Panels),Consoles, Desks, Cabinet And Other Bases Equipped With Two Or More Apparatus Of Heading No.85.35 Or 85.36, For Electric Control Or The Distribution Of Electricity, Including Those Incorporating Instruments	Duty Free
85.38	Parts Suitable For Use Solely Or Principally With The Apparatus Of Heading No.85.35,85.36 Or 85.37	Duty Free
85.39	Electric Filament Or Discharge Lamps, Including Sealed Beam Lamp Units And Ultra-Violet Or Infrared Lamps; Arc Lamps	Duty Free
85.4	Thennionic, Cold Cathode Or Photo-Cathode Valves And Tubes(For Example, Vacuum Or Vapor Or Gas Filled Valves And Tubes, Mercury-Arc Rectifying Valves And Tubes, Cathode-Ray Tubes, Television - Camera Tubes)	Duty Free
85.41	Diodes, Transistors And Similar Semi-Conductor Devices; Photo-Sensitive Semi-Conductor Devices, Including Photovoltaic Cells Whether Or Not Assembled In Modules Or Made Up Into Panels; Light Emitting Diodes; Mounted Piezoelectric Crystals	Duty Free
85.42	Electronic Integrated Circuits And Microassemblies	Duty Free
85.43	Electrical Machines And Apparatus, Having Individual Functions, Not Specified Or Included Elsewhere In This Chapter	Duty Free
85.44	Insulated (Including Enameled Or Auodized) Wire, Cable (Including Co-Axial Cable) And Other Insulated Electric Conductors, Whether Or Not Fitted With Connectors; Optical Fiber Cables, Made Up Of Individually Sheathed Fibers, Whether Or Not Assembled With	Duty Free
85.45	Carbon Electrodes, Carbon Brushes, Lamp Carbons, Battery carbons And Other Articles Of Graphite Or Other Carbon, With Or Without Metal, Of A Kind Used For Electrical Purposes	Duty Free
85.46	Electrical Insulators Of Any Material	Duty Free (cont'd)

Appendix Table 7.7
Kazakhstan Import Duties on Machinery, 1997
 (percent)

HS Code	Description	Rate
85.47	Insulating Fittings For Electrical Machines, Appliances Or Equipment, Being Fittings Wholly Of Insulating Material Apart From Any Minor Components Of Metal (For Example, Threaded Sockets) Incorporated During Molding Solely For The Purposes Of Assembly	Duty Free
85.48	Electrical Parts Of Machinery Or Apparatus, Not Specified Or Included Elsewhere In This Chapter	Duty Free
86.01	Rail Locomotives Powered From An External Source Of Electricity Or By Electric Accumulators	Duty Free
86.02	Other Rail Locomotives; Locomotive Tenders	Duty Free
86.03	Self-Propelled Railway Or Tramway Coaches, Vans And Trucks, Other Than Those Of Heading No.86.04	Duty Free
86.04	Railway Or Tramway Maintenance Or Service Vehicles, Whether Or Not Self-Propelled (For Example, Workshops, Cranes, Ballast Tampers, Trackliners, Testing Coaches And Track Inspection Vehicles	Duty Free
86.05	Railway Or Tramway Passenger Coaches, Not Self-Propelled; Luggage Vans, Post Office Coaches And Other Special Purpose Railway Or Tramway Coaches Not Self-Propelled, Other Than Those Of Heading No 8604	Duty Free
86.06	Railway Or Tramway Goods Vans And Wagons, Not Self-Propelled	Duty Free
86.07	Parts Of Railway Or Tramway Locomotives Or Rolling-Stock	Duty Free
86.08	Equipment For Railways Or Tramways, Mechanical (Including Electromechanical) Equipment To Provide Control And Security Of The Railway, Tramway Traffic And Related Objects, Parts Thereof	Duty Free
86.09	Containers (Including Containers For The Transport Of Fluids) Specially Designed And Equipped For Carriage By One Or More Modes Of Transport	5%
87.01	Tractors (Other Than Tractors Of Heading No. 87.09) <i>Excepting:</i>	5%
8701.30.00	Track laying tractors	15%

Source: Government of Kazakhstan, *On Introduction of Changes In the Decree of the Government of Kazakhstan of 14 November 1996*. Almaty. Decree No. 960. 12 June 1997.

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan

Title	Donor	Sector	Objective	Type	Duration	Description	Cost
Management In The Natural Resources Sector Training Program	Canada	Energy	Regional Development	Technical Assistance	1-Mar-96 - 30-Sep-98	Design of self-financing training program for the management staff at the Kazakh Institute of Management Economics and Forecasting (KIMEP).	\$1 200 000
Program Loan In Agriculture	ADB	Agriculture	Infrastructure Development	Technical Assistance	1-Jan-97 - onward	Preparation of feasibility study for second ADB agricultural loan.	\$600 000
Feasibility Study Of The Rehabilitation And Repair Of Priority Sections Of Roads	ADB	Transport	Infrastructure Development	Technical Assistance	1-Jan-97 - onward	Feasibility study of the rehabilitation and repair of road sections for the second ADB loan.	\$250 000
Bank Twinning Arrangement	EBRD	Industry	Economic Restructuring	Technical Assistance	1-Jun-96 - onward	Technical assistance for the preparation of credit line for small and medium-size enterprises.	\$3 015 000
Apex Group Expansion For The Development Of SMEs	EBRD	Industry	Economic Restructuring	Technical Assistance	1-Jun-96 - onward	Technical assistance for the preparation of a credit line for small and medium-size enterprises.	\$485 675
Institutional Development Of The Aktau Sea-Port	EBRD	Transport	Economic Restructuring	Technical Assistance	1-Aug-96 - onward	Technical assistance for the institutional development of the Aktau seaport.	\$1 262 369
Pilot Agricultural Projects In Cattle-Breeding And Production Of Fresh Foodstuff	European Union	Agriculture, Food, Forestry	Economic Restructuring	Technical Assistance	1-Sep-95 - onward	Reconstruction of the privatized middle and large scale agricultural enterprises in Almaty, Northern Kazakhstan and Akubinsk Regions; introduction of modern management and accounting systems; pilot projects implementation and production methods optimization.	\$2 194 400
Support To The Reorganization Of Food Processing In The Aktubinsk Oblast	European Union	Agriculture, Food, Forestry	Economic Restructuring	Technical Assistance	15-Jan-96 - 31-Dec-97	Technical assistance for processing enterprises in Aktubinsk Region; preparation of recommendations on the functioning of meat and dairy industries under market-oriented conditions; improvement of high-quality food products supply.	\$260 000
Additional Support to SMEs; Post-Privatization Support Of Consumers Cooperatives	European Union	Enterprise and Industry	Economic Restructuring	Technical Assistance	18-Dec-96 - onward	Post-privatization support to co-operatives for credit line preparation aimed at SME; training of Khabar officials, consultancy services.	\$1 625 000 (cont'd)

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan

Title	Donor	Sector	Objective	Type	Duration	Description	Cost
Management In The Natural Resources Sector Training Program	Canada	Energy	Regional Development	Technical Assistance	1-Mar-96 - 30-Sep-98	Design of self-financing training program for the management staff at the Kazakh Institute of Management Economics and Forecasting (KIMEP).	\$1 200 000
Program Loan In Agriculture	ADB	Agriculture	Infrastructure Development	Technical Assistance	1-Jan-97 - onward	Preparation of feasibility study for second ADB agricultural loan.	\$600 000
Feasibility Study Of The Rehabilitation And Repair Of Priority Sections Of Roads	ADB	Transport	Infrastructure Development	Technical Assistance	1-Jan-97 - onward	Feasibility study of the rehabilitation and repair of road sections for the second ADB loan.	\$250 000
Bank Twinning Arrangement	EBRD	Industry	Economic Restructuring	Technical Assistance	1-Jun-96 - onward	Technical assistance for the preparation of credit line for small and medium-size enterprises.	\$3 015 000
Apex Group Expansion For The Development Of SMEs	EBRD	Industry	Economic Restructuring	Technical Assistance	1-Jun-96 - onward	Technical assistance for the preparation of a credit line for small and medium-size enterprises.	\$435 676
Institutional Development Of The Aktau Sea-Port	EBRD	Transport	Economic Restructuring	Technical Assistance	1-Aug-96 - onward	Technical assistance for the institutional development of the Aktau seaport.	\$1 262 369
Pilot Agricultural Projects In Cattle-Breeding And Production Of Fresh Foodstuff	European Union	Agriculture, Food, Forestry	Economic Restructuring	Technical Assistance	1-Sep-95 - onward	Reconstruction of the privatized middle and large scale agricultural enterprises in Almaty, Northern Kazakhstan and Aktubinsk Regions; introduction of modern management and accounting systems; pilot projects implementation and production methods optimization.	\$2 194 400
Support To The Reorganization Of Food Processing In The Aktubinsk Oblast	European Union	Agriculture, Food, Forestry	Economic Restructuring	Technical Assistance	15-Jan-96 - 31-Dec-97	Technical assistance for processing enterprises in Aktubinsk Region; preparation of recommendations on the functioning of meat and dairy industries under market-oriented conditions; improvement of high-quality food products supply.	\$260 000
Additional Support to SMEs; Post-Privatization Support Of Consumers Cooperatives	European Union	Enterprise and Industry	Economic Restructuring	Technical Assistance	18-Dec-96 - onward	Post-privatization support to co-operatives for credit line preparation aimed at SME; training of Khabar officials, consultancy services.	\$1 625 000 (cont'd)

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan (cont'd)										
Title	Donor	Sector	Objective	Type	Duration	Description	Cost			
Support To The Centre For Business Relations In Almaty.	European Union	Enterprise and Industry	Private Sector Development	Technical Assistance	25-Jan-96 - 31-Dec-97	Support and expansion of Centre for Business Relations in Almaty.	\$1 755 000			
Technical Assistance To The GIMV Kazakhstan Post-Privatization Fund	European Union	Enterprise and Industry	Private Sector Development	Technical Assistance	1-Mar-96 - 1-Mar-96	N/A	\$32 500 000			
Support To The State Property Department In Case-By-Case Privatization Programme	European Union	Enterprise and Industry	Economic Restructuring	Technical Assistance	10-Sep-96 - N/A	N/A	\$2 925 000			
Trade Conditions, Customs Procedures And Shipping Clerks Services	European Union	Trade and Commerce	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Elaboration of recommendations on harmonization of customs procedures and development of shipping clerks services.	\$1 300 000			
Multimodal Transportations Systems	European Union	Transport	Structural Adjustment	Technical Assistance	1-Jan-96 -	Introduction of a multi-modal transportation system in the Traseka and Europe-Asia corridors. Improvement of operations of existing terminals from commercial and technical points of view.	\$812 500			
Proposals To Create The Unified Information System For Transasiatic Main Line	European Union	Transport	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Introduction of systems to provide exchange of information on infrastructure, customers and train schedule for transportation between Russia, Ukraine, Belarus, Kazakhstan and China.	\$494 000			
Improvement Of Roads Maintenance In Central Asia	European Union	Transport	Structural Adjustment	Technical Assistance	1-Jan-96 -	Collection of the necessary technical recommendations based on European standards, taking account of combined transportation parks, their deterioration, application of new models and their adaptation.	\$975 000			
System To Control Road Surfacing	European Union	Transport	Infrastructure Development	Technical Assistance	1-Jan-96 -	Reduction of technical maintenance expenses. Review of latest technologies for road surfacing control.	\$1 625 000			
TRASEKA And Law Enforcement Structures	European Union	Transport	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Elaboration of recommendations to harmonize the currently existing transportation systems involved in commercial, customs and regulation databases. Elaboration of new legal standards for legislation optimization on the basis of material and information collected in Kazakhstan	\$2 437 500			
Grant	IBRD with Japan	Environment	Legal Regulation	Technical Assistance	1-Sep-96 - 31-Dec-97	N/A	\$800 000 (cont'd)			

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan (cont'd)							
Title	Donor	Sector	Objective	Type	Duration	Description	Cost
Support To The Centre For Business Relations In Almaty.	European Union	Enterprise and Industry	Private Sector Development	Technical Assistance	25-Jan-96 - 31-Dec-97	Support and expansion of Centre for Business Relations in Almaty.	\$1 755 000
Technical Assistance To The GIMV Kazakhstan Post-Privatization Fund	European Union	Enterprise and Industry	Private Sector Development	Technical Assistance	1-Mar-96 - 1-Mar-96	N/A	\$32 500 000
Support To The State Property Department In Case-By-Case Privatization Programme	European Union	Enterprise and Industry	Economic Restructuring	Technical Assistance	10-Sep-96 - N/A	N/A	\$2 925 000
Trade Conditions, Customs Procedures And Shipping Clerks Services	European Union	Trade and Commerce	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Elaboration of recommendations on harmonization of customs procedures and development of shipping clerks services.	\$1 300 000
Multimodal Transport Systems	European Union	Transport	Structural Adjustment	Technical Assistance	1-Jan-96 -	Introduction of a multi-modal transportation system in the Traseka and Europe-Asia corridors. Improvement of operations of existing terminals from commercial and technical points of view.	\$812 500
Proposals To Create The Unified Information System For Transasiatic Main Line	European Union	Transport	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Introduction of systems to provide exchange of information on infrastructure, customers and train schedule for transportation between Russia, Ukraine, Belarus, Kazakhstan and China.	\$494 000
Improvement Of Roads Maintenance In Central Asia	European Union	Transport	Structural Adjustment	Technical Assistance	1-Jan-96 -	Collection of the necessary technical recommendations based on European standards, taking account of combined transportation parks, their deterioration, application of new models and their adaptation.	\$975 000
System To Control Road Surfacing	European Union	Transport	Infrastructure Development	Technical Assistance	1-Jan-96 -	Reduction of technical maintenance expenses. Review of latest technologies for road surfacing control.	\$1 625 000
TRASEKA And Law Enforcement Structures	European Union	Transport	Legal Regulation / Infrastructure	Technical Assistance	1-Jan-96 -	Elaboration of recommendations to harmonize the currently existing transportation systems involved in commercial, customs and regulation databases. Elaboration of new legal standards for legislation optimization on the basis of material and information collected in Kazakhstan	\$2 437 500
Grant	ISRD with Japan	Environment	Legal Regulation	Technical Assistance	1-Sep-96 - 31-Dec-97	N/A	\$800 000 (cont'd)

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan (cont'd)

Title	Donor	Sector	Objective	Type	Duration	Description	Cost
Preparation Of Study on Almaty-Uzun-Agach-Bistrovka Road Construction	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	27-Jul-94	Preparation of feasibility study for Almaty-Uzun-Agach-Bistrovka of the following: (a) volume of transport flows; (b) evaluation of cost of construction of Uzun-Agach-Bistrovka road section; (c) evaluation of the number and location of motels and service stations along the road.	\$257 000
Preparation Of The Feasibility Study Of Karaganda-Akmola Motorway Construction	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	19-Sep-96	Feasibility study of the Karaganda-Akmola road, based on volume of future transport flows; review and exposition of the road sections and constructions, which require repair; recommendations concerning the conforming design and construction standards for the motorway.	\$298 500
Preparation Of The Feasibility Study Of Almaty-Akmola Railway	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	19-Jun-96 - N/A		\$290 000
Japan 0012	Japan	Agriculture, Food, Forestry	Regional Development	Technical Assistance	1-Mar-96 - N/A		N/A
Japan 0014	Japan	Agriculture, Food, Forestry	Infrastructure Development	Technical Assistance	1-Mar-97 - N/A		N/A
Japan 0016	Japan	Agriculture, Food, Forestry	Democratic Institution Building	Technical Assistance	1-Apr-97 - 31-Mar-98		N/A
Japan 0015	Japan	Enterprise and Industry	Economic Restructuring	Technical Assistance	1-Mar-97 - N/A		N/A

Source: External Affairs Commission, Ministry of Foreign Affairs

Table 8.1: ODA Projects Related to the Development of the Machinery Industry in Kazakhstan (cont'd)

Title	Donor	Sector	Objective	Type	Duration	Description	Cost
Preparation Of Study On Almaty-Uzun-Agach-Bistrovka Road Construction	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	27-Jul-94 -	Preparation of feasibility study for Almaty-Uzun-Agach-Bistrovka of the following: (a) volume of transport flows; (b) evaluation of cost of construction of Uzun-Agach-Bistrovka road section; (c) evaluation of the number and location of motels and service stations along the road.	\$257 000
Preparation Of The Feasibility Study Of Karaganda-Akmola Motorway Construction	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	19-Sep-96	Feasibility study of the Karaganda-Akmola road, based on volume of future transport flows; review and exposition of the road sections and constructions, which require repair; recommendations concerning the conforming design and construction standards for the motorway.	\$298 500
Preparation Of The Feasibility Study Of Almaty-Akmola Railway	Islamic Development Bank	Transport	Infrastructure Development	Technical Assistance	19-Jun-96 - N/A		\$290 000
Japan 0012	Japan	Agriculture, Food, Forestry	Regional Development	Technical Assistance	1-Mar-95 - N/A		N/A
Japan 0014	Japan	Agriculture, Food, Forestry	Infrastructure Development	Technical Assistance	1-Mar-97 - N/A		N/A
Japan 0016	Japan	Agriculture, Food, Forestry	Democratic Institution Building	Technical Assistance	1-Apr-97 - 31-Mar-98		N/A
Japan 0015	Japan	Enterprise and Industry	Economic Restructuring	Technical Assistance	1-Mar-97 - N/A		N/A
Source: External Loans Committee, Ministry of Finance.							

Table 9.1: Application of VAT Rate (%) in the selected countries

Country	Standard Rate	Reduced Rate
Belgium	21	1 or 6
Denmark	25	
Germany	15	7
Greece	18	4 or 8
Spain	16	4 or 7
France	20.6	2.1 or 5.5
Ireland	21	3.3 or 12.5
Italy	20	4 or 10
Luxembourg	15	3 or 6
Netherlands	17.5	6
Austria	20	10
Portugal	17	5 or 12
Finland	22	8 or 17
Sweden	25	6 or 12
UK	17.5	5
USA	5~20	
Japan	5	0
Bulgaria	22	
Czech	22	5
Hungary	25	12
Kazakhstan	20	
Latvia	18	
Lithuania	18	
Poland	22	8
Romania	18	
Russia	20	10
Slovak	23	6
Ukraine	20	
Uzbekistan	17	

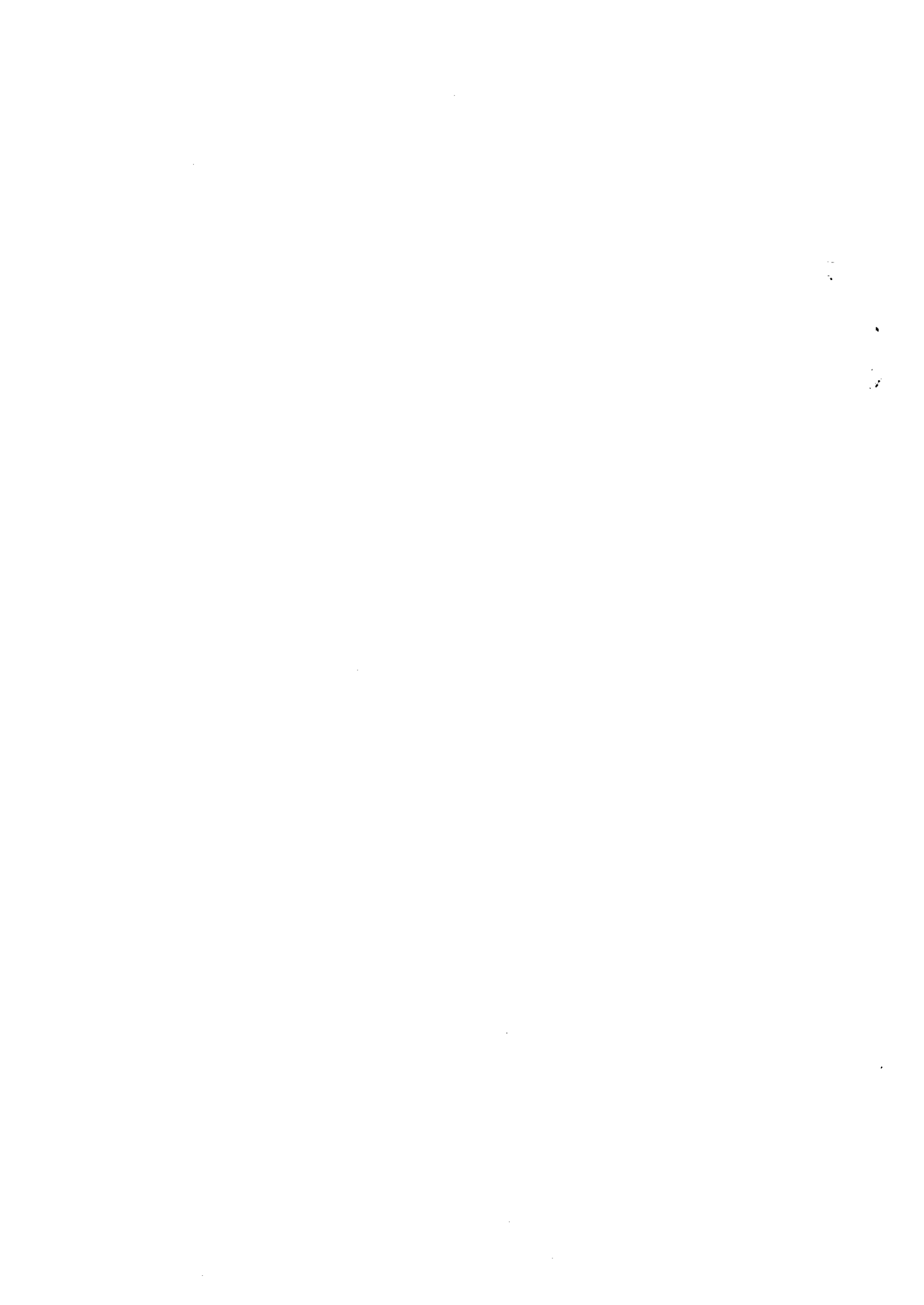
Source: A Tax Guide to Europe, 1995

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Luxembourg	15	3 or 6
Netherlands	17.5	6
Austria	20	10
Portugal	17	5 or 12
Finland	22	8 or 17
Sweden	25	6 or 12
UK	17.5	5
USA	5~20	
Japan	5	0
Bulgaria	22	
Czech	22	5
Hungary	25	12
Kazakhstan	20	
Latvia	18	
Lithuania	18	
Poland	22	8
Romania	18	
Russia	20	10
Slovak	23	6
Ukraine	20	
Uzbekistan	17	

Source: "A Tax Guide to Europe, 1996"

Appendix-6: References



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