

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
All Ball and Roller Bearings and Parts										
Exports	\$	\$639,635,449	\$638,739,121	\$714,328,623	\$872,895,641	\$893,837,855	\$979,593,810	\$981,908,595	\$979,988,139	\$1,068,933,947
Imports	\$	\$883,473,164	\$991,587,497	\$1,154,622,751	\$1,361,655,675	\$1,371,465,914	\$1,440,918,140	\$1,525,807,701	\$1,403,592,234	\$1,559,220,672
Trade Balance	\$	-\$243,837,715	-\$352,848,376	-\$440,294,128	-\$488,760,034	-\$477,628,059	-\$461,324,330	-\$543,899,106	-\$423,604,095	-\$490,286,725
Ball and Roller Bearings, Complete										
Exports	\$	\$529,739,688	\$524,133,185	\$584,719,980	\$693,015,344	\$702,571,969	\$790,740,044	\$777,012,589	\$775,308,086	\$836,663,238
Imports	\$	\$749,061,118	\$835,956,601	\$930,078,439	\$1,085,449,873	\$1,115,667,209	\$1,164,685,925	\$1,223,987,061	\$1,136,236,666	\$1,247,808,515
Trade Balance	\$	-\$219,321,430	-\$311,823,416	-\$345,358,459	-\$392,434,529	-\$413,095,240	-\$373,945,881	-\$446,974,472	-\$360,928,580	-\$411,145,277
Unit Exports	numb	118,853,290	116,204,374	121,975,117	153,868,513	138,794,329	150,997,763	140,953,096	141,992,422	163,604,960
Unit Imports	numb	492,901,337	564,734,215	583,187,730	629,739,494	677,004,051	719,686,650	743,247,052	768,805,076	839,669,281
Unit Trade Balance	numb	-374,048,047	-448,529,841	-461,212,613	-475,870,981	-538,209,722	-568,688,887	-602,293,956	-626,812,654	-676,064,321
Ball Bearings, total										
Exports	\$	\$212,380,978	\$210,264,216	\$237,243,944	\$285,663,535	\$256,585,751	\$271,876,269	\$264,267,852	\$256,231,633	\$290,914,970
Imports	\$	\$475,380,388	\$537,134,596	\$617,606,985	\$717,466,703	\$733,987,282	\$754,588,792	\$779,792,584	\$744,241,096	\$817,889,532
Trade Balance	\$	-\$262,999,410	-\$326,870,380	-\$380,363,041	-\$431,803,168	-\$477,401,531	-\$482,712,523	-\$515,524,732	-\$488,009,463	-\$526,974,562
Unit Exports	numb	67,082,869	65,337,930	69,662,794	88,159,204	81,257,238	88,829,865	83,737,350	86,844,576	97,733,783
Unit Imports	numb	378,888,482	435,183,379	475,567,467	531,363,226	582,549,717	614,484,847	635,042,053	646,948,284	704,932,522
Unit Trade Balance	numb	-311,805,613	-369,845,449	-405,904,673	-443,204,022	-501,292,479	-525,654,982	-551,304,703	-560,103,708	-607,198,739
Tapered Roller Bearings, total										
Exports	\$	\$161,731,249	\$164,174,780	\$172,982,679	\$200,480,085	\$224,517,361	\$260,496,036	\$234,753,163	\$232,891,979	\$256,998,826
Imports	\$	\$120,440,941	\$130,991,448	\$120,265,661	\$156,360,601	\$153,182,599	\$157,744,184	\$182,578,252	\$164,256,119	\$157,359,409
Trade Balance	\$	\$41,290,308	\$33,183,332	\$52,717,018	\$44,119,484	\$71,334,762	\$102,751,852	\$52,174,911	\$68,635,860	\$99,639,417
Unit Exports	numb	36,496,307	36,373,625	37,522,690	46,386,795	39,171,219	40,258,598	39,139,830	36,054,994	41,557,851
Unit Imports	numb	73,646,287	81,992,419	58,976,101	61,488,147	58,479,529	65,891,284	58,909,655	66,022,068	55,933,311
Unit Trade Balance	numb	-37,149,980	-45,618,794	-21,453,411	-15,101,352	-19,308,310	-25,632,686	-19,769,825	-29,967,074	-14,375,460

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Roller Bearings, total										
Exports	\$	\$88,579,055	\$80,435,483	\$88,917,691	\$115,811,150	\$121,262,745	\$147,538,430	\$150,130,269	\$156,497,078	\$141,235,075
Imports	\$	\$124,088,341	\$133,022,888	\$154,717,142	\$170,526,424	\$188,133,684	\$209,057,954	\$217,401,728	\$177,293,348	\$210,322,078
Trade Balance	\$	-\$35,509,286	-\$52,587,405	-\$65,799,451	-\$54,715,274	-\$66,870,939	-\$61,519,524	-\$67,271,459	-\$20,796,270	-\$69,087,003
Unit Exports	numb	14,215,868	13,627,105	13,585,975	18,101,988	17,136,102	20,606,484	16,553,846	17,872,312	21,896,738
Unit Imports	numb	34,284,066	41,457,172	39,919,880	30,389,371	29,581,457	31,776,065	41,106,386	44,494,054	67,236,271
Unit Trade Balance	numb	-20,068,198	-27,830,067	-26,333,905	-12,287,383	-12,445,355	-11,169,581	-24,552,540	-26,621,742	-45,339,533
Mounted Bearings, Ball and Roller Type, total										
Exports	\$	\$24,707,111	\$22,009,315	\$28,549,801	\$28,972,176	\$26,595,750	\$31,691,750	\$32,686,377	\$31,645,723	\$39,860,426
Imports	\$	\$22,827,385	\$30,159,669	\$32,027,413	\$35,462,028	\$32,809,304	\$34,195,541	\$31,810,496	\$35,274,880	\$44,608,969
Trade Balance	\$	\$1,879,726	-\$8,150,354	-\$3,477,612	-\$6,489,852	-\$6,213,554	-\$2,503,791	\$875,881	-\$3,629,157	-\$4,748,543
Unit Exports	numb	529,123	432,857	601,829	610,263	614,885	651,408	761,035	610,270	1,208,294
Unit Imports	numb	4,887,238	5,412,867	6,525,975	6,076,606	5,540,004	5,908,235	4,510,314	5,631,003	7,324,203
Unit Trade Balance	numb	-4,358,115	-4,980,010	-5,924,146	-5,466,343	-4,925,119	-5,256,827	-3,749,279	-5,020,733	-6,115,909
Other Bearings, Combination Type, total										
Exports	\$	\$42,341,295	\$47,249,391	\$57,025,865	\$62,088,398	\$73,610,362	\$79,137,559	\$95,174,928	\$98,041,673	\$107,653,941
Imports	\$	\$6,324,063	\$4,648,000	\$5,461,238	\$5,634,117	\$7,554,340	\$9,099,454	\$12,404,001	\$15,171,223	\$17,628,527
Trade Balance	\$	\$36,017,232	\$42,601,391	\$51,564,627	\$56,454,281	\$66,056,022	\$70,038,105	\$82,770,927	\$82,870,450	\$90,025,414
Unit Exports	numb	529,123	432,857	601,829	610,263	614,885	651,408	761,035	610,270	1,208,294
Unit Imports	numb	1,195,264	688,378	2,198,307	422,144	853,344	1,626,219	3,678,644	5,709,667	4,242,974
Unit Trade Balance	numb	-666,141	-255,521	-1,596,478	188,119	-238,459	-974,811	-2,917,609	-5,099,397	-3,034,680
Bearing Parts, total										
Exports	\$	\$69,970,748	\$68,588,650	\$73,706,176	\$92,591,270	\$87,054,579	\$94,297,785	\$90,119,876	\$94,175,575	\$104,812,765
Imports	\$	\$73,646,287	\$81,992,419	\$58,976,101	\$61,488,147	\$58,479,529	\$65,891,284	\$58,909,655	\$66,022,068	\$55,933,311
Trade Balance	\$	-\$3,675,539	-\$13,403,769	\$14,730,075	\$31,103,123	\$28,575,050	\$28,406,501	\$31,210,221	\$28,153,507	\$48,879,454

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Bearing Parts, units designated as number										
Exports	\$	\$4,061,151	\$5,242,757	\$8,277,785	\$6,934,822	\$6,370,407	\$7,163,223	\$11,394,851	\$16,450,986	\$13,225,748
Imports	\$	\$51,153,942	\$65,007,775	\$92,234,160	\$129,851,765	\$132,557,591	\$136,450,931	\$150,527,145	\$146,503,206	\$165,934,419
Trade Balance	\$	-\$47,092,791	-\$59,765,018	-\$83,956,375	-\$122,916,943	-\$126,187,184	-\$129,287,708	-\$139,132,294	-\$130,052,220	-\$152,708,671
Unit Exports	numb	165,616	244,439	539,032	383,303	337,001	379,102	891,591	944,005	816,869
Unit Imports	numb	169,538,108	202,075,786	235,976,330	257,437,482	285,081,283	297,429,338	308,774,415	329,425,125	348,568,511
Unit Trade Balance	numb	-169,372,492	-201,831,347	-235,437,298	-257,054,179	-284,744,282	-297,050,236	-307,882,824	-328,481,120	-347,751,642
Bearing Parts, units designated as kilograms										
Exports	\$	\$105,834,610	\$109,363,179	\$121,330,858	\$172,945,475	\$184,895,479	\$181,690,543	\$193,501,155	\$188,229,067	\$219,044,961
Imports	\$	\$83,258,104	\$90,623,121	\$132,310,152	\$146,354,037	\$123,241,114	\$139,781,284	\$151,293,495	\$120,852,362	\$145,477,738
Trade Balance	\$	\$22,576,506	\$18,740,058	-\$10,979,294	\$26,591,438	\$61,654,365	\$41,909,259	\$42,207,660	\$67,376,705	\$73,567,223
Unit Exports	numb	12,463,388	10,908,362	10,505,846	15,437,111	17,132,818	13,902,595	16,438,200	14,981,347	17,488,620
Unit Imports	kg	11,795,421	20,881,356	27,599,039	33,002,264	23,377,860	25,470,458	30,934,103	30,202,824	32,693,650
Unit Trade Balance	numb	667,967	-9,972,994	-17,093,193	-17,565,153	-6,245,042	-11,567,863	-14,495,903	-15,221,477	-15,205,030

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Ball bearings, radial with od under 9mm										
Exports	\$	\$5,446,505	\$2,725,188	\$2,048,125	\$1,989,898	\$2,460,745	\$1,995,957	\$4,923,506	\$4,030,734	\$6,676,586
Imports	\$	\$14,043,818	\$17,743,703	\$12,874,523	\$11,249,651	\$11,774,015	\$12,613,062	\$14,094,325	\$11,937,317	\$10,893,776
Trade Balance	\$	-\$8,597,313	-\$15,018,515	-\$10,826,398	-\$9,259,753	-\$9,313,270	-\$10,617,105	-\$9,170,819	-\$7,906,583	-\$4,217,190
Unit Exports	numb	789,983	260,446	237,288	235,750	274,313	277,532	549,720	406,258	599,083
Unit Imports	numb	15,453,278	23,025,637	16,846,343	14,894,075	15,127,000	19,851,980	21,190,328	21,001,080	24,041,433
Unit Trade Balance	numb	-14,663,295	-22,765,191	-16,609,055	-14,658,325	-14,852,687	-19,574,448	-20,640,608	-20,594,822	-23,442,350
Ball bearings, radial with od over 9mm to 30mm										
Exports	\$	\$16,280,375	\$18,462,580	\$26,412,151	\$29,100,336	\$22,203,574	\$21,621,647	\$15,924,385	\$13,666,780	\$18,360,574
Imports	\$	\$124,246,567	\$136,756,876	\$125,698,815	\$142,647,137	\$153,259,714	\$156,618,976	\$155,885,995	\$142,637,438	\$139,607,180
Trade Balance	\$	-\$107,966,192	-\$118,294,296	-\$99,286,664	-\$113,546,801	-\$131,056,140	-\$134,997,329	-\$139,961,610	-\$128,970,658	-\$121,246,606
Unit Exports	numb	1,265,075	1,466,206	2,242,875	2,640,249	1,872,308	1,614,611	1,037,246	929,675	1,021,269
Unit Imports	numb	204,048,347	227,584,698	216,150,226	249,460,640	276,483,310	284,500,896	300,665,214	290,395,712	312,458,767
Unit Trade Balance	numb	-202,783,272	-226,118,492	-213,907,351	-246,820,391	-274,611,002	-282,886,285	-299,627,968	-289,466,037	-311,437,498
Ball bearings, radial with od over 30mm to 52mm										
Exports	\$	\$2,993,400	\$5,464,186	\$5,333,092	\$5,778,786	\$6,862,992	\$9,239,581	\$8,277,539	\$6,674,446	\$10,874,828
Imports	\$	\$85,812,546	\$99,334,681	\$122,059,846	\$135,397,353	\$142,758,244	\$156,780,568	\$151,704,411	\$163,950,812	\$167,673,183
Trade Balance	\$	-\$82,819,146	-\$93,870,495	-\$116,726,754	-\$129,618,567	-\$135,895,252	-\$147,540,987	-\$143,426,872	-\$157,276,366	-\$156,798,355
Unit Exports	numb	204,294	396,138	344,764	355,250	427,835	632,188	498,126	450,947	797,410
Unit Imports	numb	74,435,034	89,349,034	117,960,784	127,099,487	139,593,208	160,604,114	156,812,963	183,835,477	196,608,094
Unit Trade Balance	numb	-74,230,740	-88,952,896	-117,616,020	-126,744,237	-139,165,373	-159,971,926	-156,314,837	-183,384,530	-195,810,684
Ball bearings, radial with od over 52mm to 100mm										
Exports	\$	\$11,999,783	\$10,396,866	\$14,372,364	\$15,469,353	\$13,427,866	\$14,997,172	\$10,864,825	\$10,125,604	\$10,801,934
Imports	\$	\$70,895,944	\$84,270,267	\$105,248,492	\$107,534,334	\$95,007,510	\$94,722,637	\$117,093,283	\$99,882,095	\$115,368,178
Trade Balance	\$	-\$58,896,161	-\$73,873,401	-\$90,876,128	-\$92,064,981	-\$81,579,644	-\$79,725,465	-\$106,228,458	-\$89,756,491	-\$104,566,244
Unit Exports	numb	749,036	688,418	980,018	1,012,245	886,716	933,634	585,063	547,887	561,206
Unit Imports	numb	22,228,369	24,225,151	30,941,494	29,647,907	23,855,203	25,314,985	39,431,140	34,107,784	36,455,096
Unit Trade Balance	numb	-21,479,333	-23,536,733	-29,961,476	-28,635,662	-22,968,487	-24,381,351	-38,846,077	-33,559,897	-35,893,890

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Ball bearings, radial with od over 100mm										
Exports	\$	\$16,717,996	\$14,185,743	\$14,090,390	\$13,293,267	\$13,216,254	\$12,215,382	\$12,869,291	\$12,688,911	\$10,362,726
Imports	\$	\$44,118,626	\$36,838,669	\$50,047,487	\$60,446,134	\$62,563,280	\$63,638,550	\$55,191,922	\$42,879,804	\$54,933,655
Trade Balance	\$	-\$27,400,630	-\$22,652,926	-\$35,957,097	-\$47,152,867	-\$49,347,026	-\$51,423,168	-\$42,322,631	-\$30,190,893	-\$44,570,929
Unit Exports	numb	267,547	207,118	234,482	198,376	255,653	302,304	248,392	200,119	180,381
Unit Imports	numb	2,773,883	2,561,839	3,618,814	4,719,845	4,944,159	5,355,363	4,109,439	3,064,268	3,812,933
Unit Trade Balance	numb	-2,506,336	-2,354,721	-3,384,332	-4,521,469	-4,688,506	-5,053,059	-3,861,047	-2,864,149	-3,632,552
Ball bearings, unground										
Exports	\$	\$515,260	\$629,145	\$1,581,571	\$1,487,386	\$1,375,704	\$1,646,753	\$3,008,622	\$3,298,389	\$7,362,470
Imports	\$	\$4,004,530	\$6,447,014	\$11,134,944	\$11,786,927	\$14,004,840	\$13,721,357	\$19,211,523	\$20,565,457	\$18,954,259
Trade Balance	\$	-\$3,489,270	-\$5,817,869	-\$9,553,373	-\$10,299,541	-\$12,629,136	-\$12,074,604	-\$16,202,901	-\$17,267,068	-\$11,591,789
Unit Exports	numb	86,069	66,890	244,138	263,376	214,879	276,026	390,307	328,150	2,103,649
Unit Imports	numb	4,782,939	8,692,502	16,427,743	26,010,003	36,005,688	36,920,515	37,944,991	34,678,916	31,898,956
Unit Trade Balance	numb	-4,696,870	-8,625,612	-16,183,605	-25,746,627	-35,790,809	-36,644,489	-37,554,684	-34,350,766	-29,795,307
Ball bearings, radial, double row										
Exports	\$	\$679,029	\$1,130,081	\$936,163	\$706,025	\$818,238	\$2,641,946	\$2,056,023	\$2,426,570	\$2,220,450
Imports	\$	\$2,182,974	\$3,237,889	\$5,612,332	\$6,510,536	\$6,543,591	\$10,221,532	\$13,014,254	\$13,377,247	\$14,277,431
Trade Balance	\$	-\$1,503,945	-\$2,107,808	-\$4,676,169	-\$5,804,511	-\$5,725,353	-\$7,579,586	-\$10,958,231	-\$10,950,677	-\$12,056,981
Unit Exports	numb	24,792	22,669	40,752	38,400	37,876	149,093	94,792	107,026	98,685
Unit Imports	numb	811,053	962,968	3,468,891	2,217,658	2,450,877	4,018,008	4,534,136	4,944,790	7,932,195
Unit Trade Balance	numb	-786,261	-940,299	-3,428,139	-2,179,258	-2,413,001	-3,868,915	-4,439,344	-4,837,764	-7,833,510
Ball bearings, radial, maximum capacity type										
Exports	\$	\$6,144,024	\$7,308,712	\$9,461,021	\$10,251,863	\$8,939,385	\$10,411,058	\$9,769,906	\$8,906,825	\$9,119,788
Imports	\$	\$3,449,751	\$3,293,677	\$4,590,999	\$5,563,821	\$4,031,289	\$3,946,301	\$4,871,458	\$6,508,687	\$9,203,618
Trade Balance	\$	\$2,694,273	\$4,015,035	\$4,870,022	\$4,688,042	\$4,908,096	\$6,464,757	\$4,898,448	\$2,398,138	-\$83,830
Unit Exports	numb	256,242	470,680	539,351	501,359	249,589	341,482	226,265	238,987	228,229
Unit Imports	numb	2,777,381	2,398,973	4,961,009	9,406,418	7,143,332	7,800,096	11,462,719	12,771,097	16,522,771
Unit Trade Balance	numb	-2,521,139	-1,928,293	-4,421,658	-8,905,059	-6,893,743	-7,458,614	-11,236,454	-12,532,110	-16,294,542

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Ball bearings, radial, nes										
Exports	\$	\$2,160,071	\$2,788,541	\$3,904,310	\$4,472,038	\$5,931,705	\$4,462,017	\$5,349,988	\$4,925,454	\$5,192,391
Imports	\$	\$9,795,174	\$10,824,799	\$15,600,661	\$15,950,416	\$15,697,142	\$3,876,220	\$2,114,251	\$2,236,828	\$2,355,640
Trade Balance	\$	-\$7,635,103	-\$8,036,258	-\$11,696,351	-\$11,478,378	-\$9,765,437	\$585,797	\$3,235,737	\$2,688,626	\$2,836,751
Unit Exports	numb	149,828	184,420	258,657	305,693	377,837	286,199	334,624	271,923	356,734
Unit Imports	numb	8,248,289	11,938,611	19,248,051	15,965,416	18,358,378	3,208,005	1,462,528	2,248,616	2,960,671
Unit Trade Balance	numb	-8,098,461	-11,754,191	-18,989,394	-15,659,723	-17,980,541	-2,921,806	-1,127,904	-1,976,693	-2,603,937
Ball bearings with integral shafts										
Exports	\$	\$11,572,615	\$11,650,455	\$15,906,155	\$17,919,538	\$20,989,742	\$22,630,339	\$19,615,005	\$17,204,446	\$23,198,387
Imports	\$	\$30,646,392	\$30,845,774	\$36,093,271	\$37,965,585	\$45,919,808	\$50,291,042	\$55,420,724	\$55,057,130	\$53,968,345
Trade Balance	\$	-\$19,073,777	-\$19,195,319	-\$20,187,116	-\$20,046,047	-\$24,930,066	-\$27,660,703	-\$35,805,719	-\$37,852,684	-\$30,769,958
Unit Exports	numb	960,387	1,058,962	1,266,283	1,589,925	1,819,261	1,922,424	1,697,629	1,065,993	1,347,992
Unit Imports	numb	13,792,366	16,606,644	13,698,202	13,552,740	15,845,559	18,529,698	19,676,006	19,860,783	24,358,473
Unit Trade Balance	numb	-12,831,979	-15,547,682	-12,431,919	-11,962,815	-14,026,298	-16,607,274	-17,978,377	-18,794,790	-23,010,481
Ball bearings, other than radial										
Exports	\$	\$42,728,043	\$38,602,113	\$51,970,439	\$73,841,610	\$82,618,188	\$100,678,724	\$101,593,775	\$105,126,398	\$120,051,169
Imports	\$	\$41,862,985	\$37,047,152	\$40,070,342	\$53,588,879	\$53,200,656	\$48,975,456	\$30,993,673	\$28,447,639	\$28,770,073
Trade Balance	\$	\$865,058	\$1,554,961	\$11,900,097	\$20,252,731	\$29,417,532	\$51,703,268	\$70,600,102	\$76,678,759	\$91,281,096
Unit Exports	numb	9,048,169	8,155,745	9,273,605	13,847,904	15,971,115	18,918,107	19,667,723	18,618,052	23,047,295
Unit Imports	numb	23,682,719	18,762,835	22,182,531	28,667,797	31,570,437	33,814,702	23,323,433	25,200,229	29,983,793
Unit Trade Balance	numb	-14,634,550	-10,607,090	-12,908,926	-14,819,893	-15,599,322	-14,896,595	-3,655,710	-6,582,177	-6,936,498
Ball bearings, angular contact, wheel hub, flanged										
Exports	\$	\$80,933,939	\$82,255,124	\$69,938,448	\$76,814,655	\$31,105,378	\$21,505,272	\$24,953,531	\$24,637,949	\$29,647,390
Imports	\$	\$1,887,600	\$3,849,597	\$9,269,646	\$13,598,885	\$7,164,096	\$5,099,832	\$7,758,312	\$10,954,860	\$17,894,139
Trade Balance	\$	\$79,046,339	\$78,405,527	\$60,668,802	\$63,215,770	\$23,941,282	\$16,405,440	\$17,195,219	\$13,683,089	\$11,753,251
Unit Exports	numb	19,749,812	20,397,087	17,481,541	19,196,602	7,744,010	5,337,199	5,640,720	5,153,283	5,428,067
Unit Imports	numb	173,974	314,059	561,549	1,105,719	605,028	390,969	675,877	943,764	1,579,108
Unit Trade Balance	numb	19,575,838	20,083,028	16,919,992	18,090,883	7,138,982	4,946,230	4,964,843	4,209,519	3,848,959

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Ball bearings, angular contact, wheel hub, other										
Exports	\$	\$1,659,469	\$2,112,836	\$2,557,288	\$3,407,369	\$3,862,344	\$3,884,799	\$14,476,282	\$15,006,072	\$12,052,899
Imports	\$	\$3,844,324	\$7,123,902	\$7,138,738	\$10,270,525	\$13,943,914	\$13,407,124	\$17,238,445	\$17,618,111	\$16,286,170
Trade Balance	\$	-\$2,184,855	-\$5,011,066	-\$4,581,450	-\$6,863,156	-\$10,081,570	-\$9,522,325	-\$2,762,163	-\$2,612,039	-\$4,233,271
Unit Exports	numb	292,364	426,517	602,277	766,979	819,217	763,462	2,356,449	2,364,220	1,912,705
Unit Imports	numb	1,001,659	1,493,884	1,559,533	1,200,898	1,538,182	1,675,980	2,133,856	2,467,934	2,311,012
Unit Trade Balance	numb	-709,295	-1,067,367	-957,256	-433,919	-718,965	-912,518	222,593	-103,714	-398,307
Ball bearings, angular contact, nes										
Exports	\$	\$9,586,594	\$9,286,338	\$15,082,152	\$27,027,368	\$38,988,717	\$38,422,188	\$25,206,514	\$22,735,376	\$18,086,417
Imports	\$	\$18,204,021	\$21,247,487	\$23,542,822	\$32,122,356	\$39,005,098	\$46,993,576	\$52,374,741	\$44,042,098	\$59,234,417
Trade Balance	\$	-\$8,617,427	-\$11,961,149	-\$8,460,670	-\$5,094,988	-\$16,381	-\$8,571,388	-\$27,168,227	-\$21,306,722	-\$41,148,000
Unit Exports	numb	2,003,799	1,850,062	3,112,255	4,672,784	7,626,988	7,494,340	5,102,519	4,561,138	2,687,242
Unit Imports	numb	1,360,819	1,989,114	1,625,731	2,494,028	6,218,235	7,765,424	5,146,765	3,884,885	5,844,488
Unit Trade Balance	numb	642,980	-139,052	1,486,524	2,178,756	1,408,753	-271,084	-44,246	676,253	-3,157,246
Ball bearings, thrust										
Exports	\$	\$2,512,665	\$2,482,330	\$2,502,606	\$2,990,295	\$3,186,728	\$4,646,069	\$4,513,152	\$3,417,987	\$4,487,069
Imports	\$	\$3,361,416	\$6,342,977	\$7,190,159	\$5,891,231	\$4,232,788	\$4,963,736	\$6,375,906	\$8,223,556	\$9,255,672
Trade Balance	\$	-\$848,751	-\$3,860,647	-\$4,687,553	-\$2,900,936	-\$1,046,060	-\$317,667	-\$1,862,754	-\$4,805,569	-\$4,768,603
Unit Exports	numb	604,151	590,193	566,455	666,885	558,049	944,795	664,541	671,929	901,832
Unit Imports	numb	2,555,425	4,004,513	5,026,362	3,132,552	1,338,608	1,979,027	2,973,905	3,558,286	3,541,109
Unit Trade Balance	numb	-1,951,274	-3,414,320	-4,459,907	-2,465,667	-780,559	-1,034,232	-2,309,364	-2,886,357	-2,639,277
Ball bearings, linear										
Exports	\$	\$451,210	\$783,978	\$1,147,669	\$1,113,748	\$598,191	\$877,365	\$865,508	\$1,359,692	\$2,419,892
Imports	\$	\$17,023,720	\$31,930,132	\$41,433,908	\$66,942,933	\$64,881,297	\$68,718,823	\$76,449,361	\$75,922,017	\$99,213,796
Trade Balance	\$	-\$16,572,510	-\$31,146,154	-\$40,286,239	-\$65,829,185	-\$64,283,106	-\$67,841,458	-\$75,583,853	-\$74,562,325	-\$96,793,904
Unit Exports	numb	44,759	132,074	97,949	95,018	35,573	65,202	45,714	139,407	286,072
Unit Imports	numb	762,947	1,272,917	1,290,204	1,788,043	1,472,513	2,755,085	3,498,753	3,984,663	4,623,623
Unit Trade Balance	numb	-718,188	-1,140,843	-1,192,255	-1,693,025	-1,436,940	-2,689,883	-3,453,039	-3,845,256	-4,337,551

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Tapered roller bearings, cup&cone assemblies with cups od <=102mm										
Exports	\$	\$12,537,962	\$12,321,299	\$13,388,465	\$14,677,029	\$25,456,518	\$30,010,678	\$32,280,514	\$34,857,858	\$30,176,334
Imports	\$	\$24,608,416	\$26,796,227	\$36,700,591	\$42,787,675	\$44,193,085	\$40,214,059	\$45,340,209	\$41,636,262	\$34,538,684
Trade Balance	\$	-\$12,070,454	-\$14,474,928	-\$23,312,126	-\$28,110,646	-\$18,736,567	-\$10,203,381	-\$13,059,695	-\$6,778,404	-\$4,362,350
Unit Exports	numb	1,379,832	1,382,542	1,615,451	1,604,322	2,148,602	2,576,229	2,325,273	2,594,004	2,857,370
Unit Imports	numb	13,259,823	12,059,511	16,034,591	15,697,924	18,974,670	18,278,945	22,266,748	21,497,659	12,363,006
Unit Trade Balance	numb	-11,879,991	-10,676,969	-14,419,140	-14,093,602	-16,826,068	-15,702,716	-19,941,475	-18,903,655	-9,505,636
Tapered roller bearings, cup&cone assemblies with cups od >102mm										
Exports	\$	\$46,766,350	\$40,332,784	\$39,865,005	\$43,769,184	\$61,039,987	\$67,083,258	\$56,587,812	\$57,532,294	\$61,393,626
Imports	\$	\$24,108,801	\$24,757,761	\$24,303,036	\$27,912,007	\$41,681,490	\$39,039,801	\$43,280,113	\$50,890,345	\$35,304,587
Trade Balance	\$	\$22,657,549	\$15,575,023	\$15,561,969	\$15,857,177	\$19,358,497	\$28,043,457	\$13,307,699	\$6,641,949	\$26,089,039
Unit Exports	numb	1,605,221	1,142,818	1,178,716	1,260,501	1,853,804	1,902,778	1,662,295	1,932,640	1,922,455
Unit Imports	numb	3,066,614	1,669,712	3,331,204	2,042,027	2,273,385	9,433,754	1,928,874	13,152,283	8,949,940
Unit Trade Balance	numb	-1,461,393	-526,894	-2,152,488	-781,526	-419,581	-7,530,976	-266,579	-11,219,643	-7,027,485
Tapered roller bearings, cup&cone assemblies, wheel hub, other										
Exports	\$	\$11,783,670	\$14,431,518	\$9,946,135	\$7,115,003	\$6,508,226	\$11,730,263	\$8,866,487	\$8,642,764	\$6,370,460
Imports	\$	\$4,521,586	\$6,782,733	\$4,687,759	\$4,738,297	\$7,164,197	\$3,984,668	\$4,333,471	\$7,310,829	\$6,809,554
Trade Balance	\$	\$7,262,084	\$7,648,785	\$5,258,376	\$2,376,706	-\$655,971	\$7,745,595	\$4,533,016	\$1,331,935	-\$439,094
Unit Exports	numb	1,045,452	1,272,741	755,437	532,653	476,248	836,897	636,387	597,259	402,512
Unit Imports	numb	3,108,091	8,950,798	5,604,040	2,925,396	6,479,564	1,899,063	1,548,896	2,813,784	2,168,462
Unit Trade Balance	numb	-2,062,639	-7,678,057	-4,848,603	-2,392,743	-6,003,316	-1,062,166	-912,509	-2,216,525	-1,765,950
Tapered roller bearings, cup&cone assemblies, wheel hub, flanged										
Exports	\$	\$2,447,917	\$2,235,753	\$1,765,726	\$3,073,352	\$3,404,749	\$4,100,726	\$4,087,283	\$3,391,909	\$11,749,713
Imports	\$	\$409,030	\$621,384	\$930,564	\$390,590	\$693,424	\$203,754	\$755,287	\$551,123	\$149,964
Trade Balance	\$	\$2,038,887	\$1,614,369	\$835,162	\$2,682,762	\$2,711,325	\$3,896,972	\$3,331,996	\$2,840,786	\$11,599,749
Unit Exports	numb	39,080	15,755	14,275	42,837	23,737	40,291	85,588	71,935	303,964
Unit Imports	numb	180,608	62,372	445,810	151,622	86,508	21,428	72,019	172,981	5,380
Unit Trade Balance	numb	-141,528	-46,617	-431,535	-108,785	-62,771	18,863	13,569	-101,046	298,584

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Tapered roller bearings, cone assemblies for cups with od <=102mm										
Exports	\$	\$18,583,838	\$19,930,989	\$22,343,129	\$31,008,126	\$27,617,507	\$32,679,457	\$22,868,285	\$28,635,870	\$35,787,137
Imports	\$	\$20,360,377	\$27,345,948	\$27,282,741	\$51,260,717	\$36,249,263	\$40,516,346	\$46,983,471	\$34,257,266	\$46,278,218
Trade Balance	\$	-\$1,776,539	-\$7,414,959	-\$4,939,612	-\$20,252,591	-\$8,631,756	-\$7,836,889	-\$24,115,186	-\$5,621,396	-\$10,491,081
Unit Exports	numb	3,718,170	3,838,216	3,517,947	5,866,395	5,015,201	6,201,609	4,192,336	5,194,784	6,760,039
Unit Imports	numb	13,652,787	20,058,009	17,071,433	25,194,579	20,265,932	22,275,577	19,259,920	16,856,491	22,663,272
Unit Trade Balance	numb	-9,934,617	-16,219,793	-13,553,486	-19,328,184	-15,250,731	-16,073,968	-15,067,584	-11,661,707	-15,903,233
Tapered roller bearings, cone assemblies for cups with od >102mm										
Exports	\$	\$45,602,850	\$50,205,468	\$65,408,060	\$74,272,600	\$73,265,108	\$85,388,409	\$87,097,084	\$77,392,018	\$84,224,259
Imports	\$	\$17,512,983	\$15,966,099	\$26,360,970	\$29,271,315	\$23,201,140	\$33,785,556	\$41,885,701	\$29,610,294	\$34,278,402
Trade Balance	\$	\$28,089,867	\$34,239,369	\$39,047,090	\$45,001,285	\$50,063,968	\$51,602,853	\$45,211,383	\$47,781,724	\$49,945,857
Unit Exports	numb	2,555,073	2,613,953	3,141,323	3,534,359	3,485,521	4,019,811	3,882,767	3,173,361	4,100,959
Unit Imports	numb	10,612,655	6,902,145	16,489,023	15,476,599	10,399,470	13,982,517	13,833,198	11,528,870	9,783,251
Unit Trade Balance	numb	-8,057,582	-4,288,192	-13,347,700	-11,942,240	-6,913,949	-9,962,706	-9,950,431	-8,355,509	-5,682,292
Cylindrical roller bearings										
Exports	\$	\$33,606,334	\$32,941,891	\$38,299,796	\$47,894,073	\$48,199,629	\$53,587,678	\$56,690,929	\$57,419,761	\$52,516,480
Imports	\$	\$58,159,171	\$60,324,729	\$74,532,024	\$83,916,534	\$96,386,596	\$101,404,606	\$106,731,884	\$89,371,741	\$110,097,320
Trade Balance	\$	-\$24,552,837	-\$27,382,838	-\$36,232,228	-\$36,022,461	-\$48,186,967	-\$47,816,928	-\$50,040,955	-\$31,951,980	-\$57,580,840
Unit Exports	numb	1,371,138	1,296,543	1,662,885	1,973,734	1,789,152	2,037,858	2,791,391	2,741,102	2,542,236
Unit Imports	numb	9,789,009	11,535,125	9,002,801	8,235,736	9,417,456	10,879,489	15,367,693	16,584,651	17,907,136
Unit Trade Balance	numb	-8,417,871	-10,238,582	-7,339,916	-6,262,002	-7,628,304	-8,841,631	-12,576,302	-13,843,549	-15,364,900
Needle roller bearings										
Exports	\$	\$22,436,676	\$22,296,695	\$28,647,100	\$40,347,229	\$40,812,123	\$63,069,345	\$61,091,498	\$70,364,997	\$57,309,581
Imports	\$	\$25,409,648	\$28,553,737	\$31,277,465	\$30,287,653	\$25,220,167	\$30,319,007	\$33,258,706	\$34,383,744	\$35,742,126
Trade Balance	\$	-\$2,972,972	-\$6,257,042	-\$2,630,365	\$10,059,576	\$15,591,956	\$32,750,338	\$27,832,792	\$35,981,253	\$21,567,455
Unit Exports	numb	6,712,513	7,375,536	9,193,169	13,001,185	12,736,784	16,353,491	14,510,689	19,179,983	19,764,905
Unit Imports	numb	23,992,246	28,968,030	30,221,548	20,777,348	19,229,929	19,898,842	24,812,807	26,958,598	48,408,900
Unit Trade Balance	numb	-17,279,733	-21,592,494	-21,028,379	-7,776,163	-6,493,145	-3,545,351	-10,302,118	-7,778,615	-28,643,995

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Spherical roller bearings, single row										
Exports	\$	\$7,292,665	\$5,771,078	\$5,407,972	\$6,702,359	\$7,228,606	\$8,200,251	\$6,751,874	\$6,496,845	\$7,618,330
Imports	\$	\$12,782,263	\$7,429,562	\$3,170,789	\$4,008,544	\$3,910,795	\$6,298,687	\$7,656,307	\$5,449,439	\$5,245,067
Trade Balance	\$	-\$5,489,598	-\$1,658,484	\$2,237,183	\$2,693,815	\$3,317,811	\$1,901,564	-\$904,433	\$1,047,406	\$2,373,263
Unit Exports	numb	1,033,971	110,166	101,574	122,020	108,632	108,077	118,437	101,929	222,635
Unit Imports	numb	163,963	173,275	96,201	722,967	101,062	155,282	96,650	279,236	81,927
Unit Trade Balance	numb	870,008	-63,109	5,373	-600,947	7,570	-47,205	21,787	-177,307	140,708
Spherical roller bearings, nes										
Exports	\$	\$25,243,380	\$19,425,819	\$16,562,823	\$20,867,489	\$25,022,387	\$22,681,156	\$25,595,968	\$22,215,475	\$23,790,684
Imports	\$	\$27,737,259	\$36,714,860	\$45,736,864	\$52,313,693	\$62,616,126	\$71,035,654	\$69,754,831	\$48,088,424	\$59,237,565
Trade Balance	\$	-\$2,493,879	-\$17,289,041	-\$29,174,041	-\$31,446,204	-\$37,593,739	-\$48,354,498	-\$44,158,863	-\$25,872,949	-\$35,446,881
Unit Exports	numb	3,836,070	2,871,378	2,951,290	3,531,153	3,903,123	3,346,029	3,479,596	2,952,987	3,462,142
Unit Imports	numb	338,848	780,742	599,330	653,320	833,010	842,452	829,236	671,569	838,308
Unit Trade Balance	numb	3,497,222	2,090,636	2,351,960	2,877,833	3,070,113	2,503,577	2,650,360	2,281,418	2,623,834
Mounted ball bearings										
Exports	\$	\$18,742,455	\$16,920,231	\$15,882,671	\$15,899,621	\$19,179,177	\$21,335,322	\$23,652,002	\$20,905,138	\$27,663,684
Imports	\$	\$15,885,419	\$23,699,062	\$22,981,745	\$24,474,125	\$20,418,164	\$21,228,361	\$23,612,544	\$26,078,555	\$37,227,451
Trade Balance	\$	\$12,049,349	\$20,827,684	\$20,030,455	\$20,942,972	\$16,515,041	\$17,882,332	\$20,132,948	\$23,125,568	\$33,765,309
Unit Exports	numb	394,344	333,581	357,401	474,506	480,580	474,341	602,558	432,110	988,754
Unit Imports	numb	2,708,278	3,630,599	4,012,431	3,320,118	2,546,899	2,934,606	3,577,282	4,703,593	6,392,199
Unit Trade Balance	numb	-2,313,934	-3,297,018	-3,655,030	-2,845,612	-2,066,319	-2,460,265	-2,974,724	-4,271,483	-5,403,445
Mounted roller bearings										
Exports	\$	\$5,964,656	\$5,089,084	\$12,667,130	\$13,072,555	\$7,416,573	\$10,356,428	\$9,034,375	\$10,740,585	\$12,196,742
Imports	\$	\$6,941,966	\$6,460,607	\$9,045,668	\$10,987,903	\$12,391,140	\$12,967,180	\$8,197,952	\$9,196,325	\$7,381,518
	\$		-\$1,371,523	\$3,621,462	\$2,084,652	-\$4,974,567	-\$2,610,752	\$836,423	\$1,544,260	\$4,815,224
Unit Exports	numb	134,779	99,276	244,428	135,757	134,305	177,067	158,477	178,160	219,540
Unit Imports	numb	2,178,960	1,782,268	2,513,544	2,756,488	2,993,105	2,973,629	933,032	927,410	932,004
Unit Trade Balance	numb	-2,044,181	-1,682,992	-2,269,116	-2,620,731	-2,858,800	-2,796,562	-774,555	-749,250	-712,464

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Combined ball and cylindrical roller bearings										
Exports	\$	\$679,181	\$1,225,593	\$1,365,712	\$1,327,742	\$1,581,598	\$981,350	\$424,007	\$796,512	\$964,970
Imports	\$	\$1,142,265	\$604,046	\$456,844	\$485,603	\$632,794	\$1,116,751	\$1,020,990	\$3,480,756	\$2,590,106
Trade Balance	\$	-\$463,084	\$621,547	\$908,868	\$842,139	\$948,804	-\$135,401	-\$596,983	-\$2,684,244	-\$1,625,136
Unit Exports	numb	37,887	74,119	82,179	62,426	98,991	29,784	22,357	66,915	162,528
Unit Imports	numb	395,139	78,926	65,377	28,785	65,669	112,453	347,321	1,524,004	878,973
Unit Trade Balance	numb	-357,252	-4,807	16,802	33,641	33,322	-82,669	-324,964	-1,457,089	-716,445
Combined ball and needle roller bearing										
Exports	\$	\$537,670	\$270,815	\$2,661,889	\$2,225,633	\$570,572	\$636,033	\$1,066,635	\$1,653,603	\$779,959
Imports	\$	\$209,468	\$319,583	\$397,091	\$320,344	\$574,121	\$517,974	\$477,065	\$334,428	\$389,328
Trade Balance	\$	\$328,202	-\$48,768	\$2,264,798	\$1,905,289	-\$3,549	\$118,059	\$589,570	\$1,319,175	\$390,631
Unit Exports	numb	35,749	17,835	804,122	444,464	36,848	41,353	198,913	373,476	36,761
Unit Imports	numb	20,884	34,256	52,791	26,900	48,706	45,003	54,022	27,366	37,796
Unit Trade Balance	numb	14,865	-16,421	751,331	417,564	-11,858	-3,650	144,891	346,110	-1,035
Combined ball and spherical roller bearing										
Exports	\$	\$2,066,009	\$3,607,802	\$5,681,547	\$5,012,748	\$6,279,627	\$1,860,808	\$2,266,913	\$3,813,391	\$2,597,418
Imports	\$	\$220,485	\$61,203	\$92,671	\$75,322	\$114,939	\$41,713	\$142,089	\$192,777	\$120,477
Trade Balance	\$	\$1,845,524	\$3,546,599	\$5,588,876	\$4,937,426	\$6,164,688	\$1,819,095	\$2,124,824	\$3,620,614	\$2,476,941
Unit Exports	numb	125,257	214,733	342,918	340,072	382,381	145,374	323,391	729,528	136,774
Unit Imports	numb	3,372	7,841	57,991	1,854	11,139	2,634	21,929	31,331	32,388
Unit Trade Balance	numb	121,885	206,892	284,927	338,218	371,242	142,740	301,462	698,197	104,386
Other ball and roller bearings, nes										
Exports	\$	\$39,058,435	\$42,145,181	\$47,316,717	\$53,522,275	\$65,178,565	\$75,659,368	\$91,417,373	\$91,778,167	\$103,311,594
Imports	\$	\$4,751,845	\$3,663,168	\$4,514,632	\$4,752,848	\$6,232,486	\$7,423,016	\$10,763,857	\$11,163,262	\$14,528,616
Trade Balance	\$	\$34,306,590	\$38,482,013	\$42,802,085	\$48,769,427	\$58,946,079	\$68,236,352	\$80,653,516	\$80,614,905	\$88,782,978
Unit Exports	numb	2,688,986	2,944,033	2,814,163	3,585,104	5,279,121	5,251,409	5,837,865	6,161,080	6,742,919
Unit Imports	numb	775,869	567,355	2,022,148	364,605	727,830	1,466,129	3,255,372	4,126,966	3,293,817
Unit Trade Balance	numb	1,913,117	2,376,678	792,015	3,220,499	4,551,291	3,785,280	2,582,493	2,034,114	3,449,102

**Trade Balances for Ball and Roller Bearings
1992-2000**

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Balls for ball bearings, alloy steel										
Exports	\$	\$26,070,732	\$31,837,366	\$26,263,594	\$40,141,576	\$49,484,035	\$27,937,733	\$25,876,908	\$25,349,131	\$24,138,551
Imports	\$	\$5,195,642	\$4,681,266	\$5,450,476	\$9,383,096	\$8,276,921	\$9,288,733	\$11,125,303	\$13,153,574	\$15,223,509
Trade Balance	\$	\$20,875,090	\$27,156,100	\$20,813,118	\$30,758,480	\$41,207,114	\$18,649,000	\$14,751,605	\$12,195,557	\$8,915,042
Unit Exports	kg	3,909,330	2,741,605	3,050,942	4,941,343	5,933,329	1,832,438	917,988	819,607	692,789
Unit Imports	kg	882,775	1,089,406	1,169,194	1,703,715	1,841,966	2,559,750	2,800,577	3,566,475	4,776,211
Unit Trade Balance	kg	3,026,555	1,652,199	1,881,748	3,237,628	4,091,363	-727,312	-1,882,589	-2,746,868	-4,083,422
Balls for ball bearings, numbt of alloy steel										
Exports	\$	\$4,350,946	\$4,964,943	\$4,391,491	\$5,345,688	\$3,064,005	\$3,358,554	\$3,484,357	\$2,765,947	\$3,815,290
Imports	\$	\$1,622,530	\$1,931,722	\$2,859,665	\$3,620,415	\$4,846,506	\$2,864,553	\$7,972,752	\$6,872,564	\$3,326,322
Trade Balance	\$	\$2,728,416	\$3,033,221	\$1,531,826	\$1,725,273	-\$1,782,501	\$494,001	-\$4,488,395	-\$4,106,617	\$488,968
Unit Exports	kg	911,709	940,469	563,137	332,147	371,678	327,512	448,484	425,756	373,835
Unit Imports	kg	218,288	389,743	804,253	966,770	1,423,141	857,259	2,125,354	1,786,027	782,209
Unit Trade Balance	kg	693,421	550,726	-241,116	-634,623	-1,051,463	-529,747	-1,676,870	-1,360,271	-408,374
Inner and outer races for ball bearings										
Exports	\$	\$4,061,151	\$5,242,757	\$8,277,785	\$6,934,822	\$6,370,407	\$7,163,223	\$11,394,851	\$16,450,986	\$13,225,748
Imports	\$	\$51,153,942	\$65,007,775	\$66,120,071	\$78,775,449	\$90,258,788	\$85,794,715	\$84,402,794	\$77,126,934	\$94,705,741
Trade Balance	\$	-\$47,092,791	-\$59,765,018	-\$57,842,286	-\$71,840,627	-\$83,888,381	-\$78,631,492	-\$73,007,943	-\$60,675,948	-\$81,479,993
Unit Exports	numb	165,616	244,439	539,032	383,303	337,001	379,102	891,591	944,005	816,869
Unit Imports	numb	169,538,108	202,075,786	207,856,318	212,514,566	247,505,146	258,468,936	258,642,701	271,050,156	268,544,253
Unit Trade Balance	numb	-169,372,492	-201,831,347	-207,317,286	-212,131,263	-247,168,145	-258,089,834	-257,751,110	-270,106,151	-267,727,384
Parts of ball bearings, nes										
Exports	\$	\$6,536,735	\$5,376,713	\$4,118,351	\$6,398,010	\$10,106,023	\$11,505,584	\$10,674,304	\$15,943,202	\$30,801,127
Imports	\$	\$15,918,500	\$16,130,173	\$33,056,250	\$40,346,152	\$31,651,921	\$39,900,609	\$42,724,198	\$19,182,595	\$29,153,858
Trade Balance	\$	-\$9,381,765	-\$10,753,460	-\$28,937,899	-\$33,948,142	-\$21,545,898	-\$28,395,025	-\$32,049,894	-\$3,239,393	\$1,647,269
Unit Exports	kg	1,780,922	461,952	358,561	477,234	875,754	1,011,782	894,282	1,460,687	2,607,573
Unit Imports	kg	1,718,087	6,403,337	6,481,747	8,881,801	1,864,948	1,868,430	1,897,133	1,623,135	1,842,912
Unit Trade Balance	kg	62,835	-5,941,385	-6,123,186	-8,404,567	-989,194	-856,648	-1,002,851	-162,448	764,661

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Parts of tapered roller bearings, nes										
Exports	\$	\$17,815,363	\$21,804,177	\$26,208,740	\$36,291,541	\$38,835,037	\$42,996,316	\$40,568,988	\$35,980,978	\$36,047,458
Imports	\$	\$6,157,416	\$12,069,156	\$27,936,383	\$17,268,194	\$10,454,097	\$8,549,625	\$11,478,961	\$9,760,367	\$21,767,316
Trade Balance	\$	\$11,657,947	\$9,735,021	-\$1,727,643	\$19,023,347	\$28,380,940	\$34,446,691	\$29,090,027	\$26,220,611	\$14,280,142
Unit Exports	kg	2,080,655	3,450,646	2,209,929	3,475,684	4,559,732	3,652,607	4,121,513	3,189,038	3,436,907
Unit Imports	kg	850,368	4,467,546	8,797,040	10,515,801	8,497,006	7,288,372	11,200,296	10,786,089	13,443,489
Unit Trade Balance	kg	1,230,287	-1,016,900	-6,587,111	-7,040,117	-3,937,274	-3,635,765	-7,078,783	-7,597,051	-10,006,582
Tapered roller bearings, cup assemblies or cups										
Exports	\$	\$24,008,662	\$24,716,969	\$20,266,159	\$26,564,791	\$27,225,266	\$29,503,245	\$22,965,698	\$22,439,266	\$27,297,297
Imports	\$	\$28,919,748	\$28,721,296	\$24,420,186	\$43,984,661	\$34,081,678	\$41,240,452	\$57,184,295	\$59,645,889	\$57,067,205
Trade Balance	\$	-\$4,911,086	-\$4,004,327	-\$4,154,027	-\$17,419,870	-\$6,856,412	-\$11,737,207	-\$34,218,597	-\$37,206,623	-\$29,769,908
Unit Exports	numb	3,873,040	3,361,080	3,362,826	5,260,921	4,132,989	5,028,869	3,769,200	4,308,329	5,549,439
Unit Imports	numb	29,765,709	32,289,872	26,748,561	39,416,911	35,526,008	36,754,918	45,945,832	52,241,859	43,311,522
Unit Trade Balance	numb	-25,892,669	-28,928,792	-23,385,735	-34,155,990	-31,393,019	-31,726,049	-42,176,632	-47,933,530	-37,762,083
Rollers for roller bearings, nes										
Exports	\$	\$12,235,051	\$9,648,179	\$10,844,926	\$16,645,133	\$14,558,569	\$9,698,649	\$27,239,399	\$21,705,708	\$31,143,692
Imports	\$	\$4,864,247	\$5,492,993	\$6,393,363	\$3,842,939	\$2,363,706	\$2,089,333	\$2,556,108	\$1,585,921	\$2,533,225
Trade Balance	\$	\$7,370,804	\$4,155,186	\$4,451,563	\$12,802,194	\$12,194,863	\$7,609,316	\$24,683,291	\$20,119,787	\$28,610,467
Unit Exports	kg	683,763	443,219	535,184	1,235,196	632,189	424,894	4,176,766	3,265,456	4,370,586
Unit Imports	kg	782,471	1,034,844	1,375,482	937,782	151,724	126,011	158,672	129,642	734,331
Unit Trade Balance	kg	-98,708	-591,625	-840,298	297,414	480,465	298,883	4,018,094	3,135,814	3,636,255
Rollers for tapered roller bearings										
Exports	\$	\$11,919,379	\$12,061,812	\$15,017,898	\$18,484,108	\$14,460,525	\$18,990,684	\$18,376,774	\$16,056,391	\$22,194,789
Imports	\$	\$647,159	\$1,964,759	\$1,434,962	\$2,153,600	\$1,583,337	\$1,269,341	\$4,361,075	\$4,542,209	\$4,961,683
Trade Balance	\$	\$11,272,220	\$10,097,053	\$13,582,936	\$16,330,508	\$12,877,188	\$17,721,343	\$14,015,699	\$11,514,182	\$17,233,106

not available

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Rollers for cylindrical roller bearings										
Exports	\$	\$882,042	\$1,664,189	\$2,154,100	\$2,735,776	\$4,138,921	\$4,832,244	\$5,339,541	\$5,580,231	\$3,749,178
Imports	\$	\$1,700,749	\$2,293,605	\$2,752,827	\$4,507,985	\$8,086,932	\$9,848,470	\$11,326,846	\$11,077,233	\$9,503,753
Trade Balance	\$	-\$818,707	-\$629,416	-\$598,727	-\$1,772,209	-\$3,948,011	-\$5,016,226	-\$5,987,305	-\$5,497,002	-\$5,754,575
Unit Exports	kg	52,754	83,400	86,762	77,661	163,567	190,246	196,829	274,283	227,980
Unit Imports	kg	285,096	172,622	246,908	561,924	1,321,790	1,666,601	2,003,355	2,271,813	1,380,435
Unit Trade Balance	kg	-232,342	-89,222	-160,146	-484,263	-1,158,223	-1,476,355	-1,806,526	-1,997,530	-1,152,455
Rollers for needle roller bearings										
Exports	\$	\$1,864,352	\$1,788,311	\$1,657,288	\$1,134,217	\$1,484,734	\$1,624,908	\$3,611,035	\$6,399,859	\$8,821,488
Imports	\$	\$1,771,040	\$2,408,080	\$2,574,912	\$5,564,689	\$2,615,773	\$2,356,392	\$2,637,442	\$2,280,112	\$2,151,143
Trade Balance	\$	\$93,312	-\$619,769	-\$917,624	-\$4,430,472	-\$1,131,039	-\$731,484	\$973,593	\$4,119,747	\$6,670,345
Unit Exports	kg	129,219	139,281	203,653	109,909	140,786	133,922	193,366	398,498	516,891
Unit Imports	kg	120,693	232,759	237,910	688,189	229,210	213,126	236,474	417,040	185,656
Unit Trade Balance	kg	8,526	-93,478	-34,257	-578,280	-88,424	-79,204	-43,108	-18,542	331,235
Rollers for spherical roller bearings										
Exports	\$	\$58,531	\$67,427	\$1,067,975	\$120,750	\$499,392	\$433,395	\$326,912	\$519,787	\$335,277
Imports	\$	\$2,223,338	\$4,806,300	\$6,963,273	\$8,457,753	\$6,896,993	\$7,988,524	\$6,400,040	\$5,345,293	\$7,164,625
Trade Balance	\$	-\$2,164,807	-\$4,738,873	-\$5,895,298	-\$8,337,003	-\$6,397,601	-\$7,555,129	-\$6,073,128	-\$4,825,506	-\$6,829,348
Unit Exports	kg	2,364	3,297	37,329	4,384	9,840	18,503	11,084	15,573	13,881
Unit Imports	kg	482,159	716,374	1,081,822	1,107,354	942,136	1,143,454	1,019,657	915,434	1,294,144
Unit Trade Balance	kg	-479,795	-713,077	-1,044,493	-1,102,970	-932,296	-1,124,951	-1,008,573	-899,861	-1,280,263
Parts of roller bearings, nes										
Exports	\$	\$12,446,668	\$9,924,233	\$11,832,186	\$14,063,803	\$20,647,461	\$26,788,954	\$22,897,777	\$24,610,405	\$21,117,340
Imports	\$	\$14,017,803	\$10,594,542	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Trade Balance	\$	-\$1,571,135	-\$670,309	\$11,832,186	\$14,063,803	\$20,647,461	\$26,788,954	\$22,897,777	\$24,610,405	\$21,117,340
Unit Exports	kg	660,805	676,827	842,030	1,125,580	1,145,505	1,691,053	1,580,781	1,839,713	1,401,959
Unit Imports	kg	2,883,567	2,485,430	0	0	0	0	0	0	0
Unit Trade Balance	kg	-2,222,762	-1,808,603	842,030	1,125,580	1,145,505	1,691,053	1,580,781	1,839,713	1,401,959

Trade Balances for Ball and Roller Bearings 1992-2000

Flow	Unit	1992	1993	1994	1995	1996	1997	1998	1999	2000
Parts of cylindrical roller bearings, nes										
Exports	\$	\$127,580	\$785,651	\$1,373,974	\$3,295,405	\$5,623,836	\$5,219,161	\$6,860,886	\$7,872,622	\$6,137,184
Imports	\$	\$3,486,215	\$2,237,087	\$3,428,273	\$6,609,267	\$9,408,474	\$11,465,991	\$8,924,671	\$11,511,274	\$13,347,373
Trade Balance	\$	-\$3,358,635	-\$1,451,436	-\$2,054,299	-\$3,313,862	-\$3,784,638	-\$6,246,830	-\$2,063,785	-\$3,638,652	-\$7,210,189
Parts of needle roller bearings, nes										
Exports	\$	\$1,058,331	\$983,078	\$2,423,033	\$2,671,587	\$2,572,350	\$1,578,875	\$1,648,597	\$1,159,849	\$1,258,697
Imports	\$	\$3,410,311	\$5,133,431	\$6,757,582	\$8,532,373	\$4,312,388	\$4,209,642	\$5,287,933	\$5,070,110	\$6,072,706
Trade Balance	\$	-\$2,351,980	-\$4,150,353	-\$4,334,549	-\$5,860,786	-\$1,740,038	-\$2,630,767	-\$3,639,336	-\$3,910,261	-\$4,814,009
Parts of spherical roller bearings, nes										
Exports	\$	\$3,452,548	\$2,212,716	\$4,698,678	\$6,183,278	\$7,141,972	\$9,998,958	\$10,866,572	\$7,064,882	\$7,949,386
Imports	\$	\$7,846,544	\$8,060,098	\$4,304,681	\$7,137,273	\$9,235,347	\$11,889,611	\$8,982,610	\$5,928,666	\$8,428,917
Trade Balance	\$	-\$4,393,996	-\$5,847,382	\$393,997	-\$953,995	-\$2,093,375	-\$1,890,653	\$1,883,962	\$1,136,216	-\$479,531
Parts of ball and roller mounted bearings										
Exports	\$	\$7,016,352	\$6,244,384	\$9,278,624	\$19,434,603	\$12,278,619	\$16,726,528	\$15,729,105	\$17,220,075	\$21,535,504
Imports	\$	\$14,396,610	\$12,819,909	\$14,320,075	\$17,290,535	\$18,279,919	\$21,696,619	\$20,759,599	\$22,592,525	\$27,440,736
Trade Balance	\$	-\$7,380,258	-\$6,575,525	-\$5,041,451	\$2,144,068	-\$6,001,300	-\$4,970,091	-\$5,030,494	-\$5,372,450	-\$5,905,232
Unit Exports	kg	929,997	463,809	628,918	1,267,280	992,230	1,269,922	1,149,543	1,134,605	1,272,438
Unit Imports	kg	1,569,421	1,611,457	2,131,636	2,958,175	2,274,115	3,150,777	3,354,675	3,322,409	4,022,333
Unit Trade Balance	kg	-639,424	-1,147,648	-1,502,718	-1,690,895	-1,281,885	-1,880,855	-2,205,132	-2,187,804	-2,749,895