

Mineral Industry Surveys

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ALUMINUM IN MARCH AND APRIL 2008

Domestic primary aluminum production in March was 233,000 metric tons (t), according to the U.S. Geological Survey. The average daily production was 7,530 t, essentially the same as that of the previous month and 8% higher than the rate for March 2007. Total aluminum recovered from scrap in March 2008 was 299,000 t, 183,000 t from new scrap and 116,000 t from old scrap. Total aluminum recovered from scrap for January through March was 8% less than the total for the first quarter of 2007. Aluminum recovered from new scrap for January through March was 4% less than the total for the same period of 2007. Recovery of aluminum from old scrap for January through March was 12% less than the total for the same period of the previous year.

Domestic primary aluminum production in April was 228,000 t. The average daily production was 7,590 t, essentially unchanged from that of the previous month and 9% higher than the rate for April 2007. Total aluminum recovered from scrap in April 2008 was 295,000 t, essentially unchanged from that of the previous month and 8% lower than the total in April 2007. Of this, 180,000 t of aluminum was recovered from new scrap, which was 4% less than the amount in April 2007, and aluminum recovered from old scrap in April 2008 totaled 114,000 t, which was 13% less than that in April 2007.

Total imports for consumption of aluminum in the first quarter of 2008 (table 6a) were down 9% compared with those in the same period in 2007; imports of crude metal and alloys declined by 7%, imports of semifabricated products declined by 18%, and imports of aluminum scrap were unchanged compared with the amount imported in the first quarter of 2007. Canada continued to be the leading source of imported aluminum materials, supplying 65% of all aluminum imports during the first quarter of 2008, followed by Russia with 8%. However, imports of crude metal and alloys from Russia declined by 38% compared with those of the same period in 2007, accounting for much of the overall decline in imports for consumption.

Total exports of aluminum (table 7a) increased by 32% during the first quarter of 2008 compared with those of the same period in the previous year. Exports of aluminum scrap increased by 57% and accounted for most of the increase, exports of semifabricated aluminum products increased by 9%, and exports of crude metal and alloys declined by 3%. The leading destinations of total aluminum products, in descending order of importance, were China, Canada, and Mexico, and accounted for 63% of all aluminum exports during the first 3 months of 2008. The sharp increase in scrap exports was mainly because of increases in exports to China, Taiwan, and Thailand.

The monthly average U.S. market price of primary aluminum ingot increased to \$1.399 per pound in March from \$1.286 per pound in February, but declined slightly to \$1.386 per pound in April. In May, the monthly average U.S. market price of primary aluminum ingot declined to \$1.358 per pound.

Following an increase in domestic primary aluminum production owing to new long-term power supply contracts, production cuts have been announced at two smelters. (See Aluminum in February 2008.) In June, Alcoa Inc. announced that one-half of the production capacity at its 267,000-metric-ton-per-year (t/yr) Rockdale, TX, smelter would be idled temporarily as a result of power supply disruptions and high power costs (Alcoa Inc., 2008). In July, Glencore International AG announced that the Columbia Falls Aluminum Co. smelter in Columbia Falls, MT, would shut one potline by the end of July. The closure would leave only two of five potlines operating. High electricity prices were also cited for the closure (Metal Bulletin, 2008). The combined capacity of the potlines being idled at these two smelters was 167,000 t/yr.

References Cited

- Alcoa Inc, 2008, Alcoa to temporarily idle half of Rockdale, TX smelter due to local power supply issues: Pittsburgh, PA, Alcoa Inc. news release, June 19, 1 p.
- Metal Bulletin, 2008, Columbia Falls to idle potline and lay off half its workforce: Metal Bulletin, no. 9055, July 14, p. 6.

Used beverage can prices, cents per pound¹

March 7	103-105
March 14	102-104
March 21	92-94
March 28	96-98
April 4	96-98
April 11	96-98
April 18	103-105
April 25	98-100
May 2	94-96
May 9	94-96
May 16	97-99
May 23	100-102
May 30	97-99

¹Source: American Metal Market

TABLE 1
COMPONENTS OF ALUMINUM SUPPLY¹

(Thousand metric tons)

Period	Primary production	Secondary recovery ²			Imports for consumption			Total new supply ³	Total stocks, end of period ⁴
		New	Old	Total	Metals and alloys, crude	Plates, sheets, bars, etc.	Total		
2007 ^P	2,554	2,280	1,610	3,890	2,950	1,070	4,020	10,500	1,400
2007:									
March	217	201	143	344	238	93	332	892	1,410
April	209	188	131	319	259	94	353	881	1,430
May	210	194	138	332	220	97	317	859	1,400
June	209	196	134	329	255	92	347	885	1,330
July	219	205	127	332	236	102	337	888	1,370
August	220	188	148	336	267	91	358	914	1,390
September	216	183	129	312	268	84	352	881	1,350
October	224	194	148	342	243	86	330	896	1,350
November	220	186	135	321	238	76	314	855	1,350
December	225	167	121	287	215	70	285	797	1,400
January-March	603	577	400	977	747	277	1,030	2,600	XX
January-April	812	765	531	1,300	1,010	372	1,380	3,490	XX
2008:									
January	233	189	125	315	240	78	318	865	1,380
February	219	180	109	289	208	74	282	790	1,350
March	233	183	116	299	247	77	324	856	1,320
April	228	180	114	295	238	78	316	839	1,320
January-March	685	552	351	903	695	228	924	2,510	XX
January-April	913	732	465	1,200	933	307	1,240	3,350	XX

^PPreliminary. XX Not applicable.

¹Data are rounded to no more than three significant digits, except "Primary production"; may not add to totals shown.

²Metallic recovery from purchased, tolled, or imported scrap, expanded for full coverage of industry.

³Primary production, secondary recovery, and imports for consumption.

⁴Inventory levels reflect total for both U.S. and Canadian producers; data from the Aluminum Association Inc.

TABLE 2
ESTIMATED FULL COVERAGE CONSUMPTION OF AND METALLIC RECOVERY FROM
PURCHASED NEW AND OLD ALUMINUM SCRAP¹

(Thousand metric tons)

Period	Secondary smelters		Independent mill fabricators ²		Foundries		Other consumers		Total	
	Con- sump- tion	Metal recovery	Con- sump- tion	Metal recovery	Con- sump- tion	Metal recovery	Con- sump- tion	Metal recovery	Con- sump- tion	Metal recovery
	2007 ^P	2,310	1,800	2,190	2,010	95	83	5	5	4,600
2007:										
March	216	168	184	168	8	7	(3)	(3)	408	344
April	196	152	174	159	8	7	(3)	(3)	379	319
May	191	148	193	176	8	7	(3)	(3)	392	332
June	185	142	196	180	8	7	(3)	(3)	389	329
July	194	151	190	175	8	7	(3)	(3)	392	332
August	191	147	198	181	8	7	(3)	(3)	397	336
September	191	148	171	156	8	7	(3)	(3)	370	312
October	196	153	199	182	8	7	(3)	(3)	404	342
November	190	147	183	167	8	7	(3)	(3)	381	321
December	178	138	157	143	8	7	(3)	(3)	343	288
January-March	603	469	530	486	8	7	(3)	(3)	1,160	977
January-April	799	621	704	645	31	28	(3)	(3)	1,540	1,300
2008:										
January	168	133	195	174	8	7	(3)	(3)	372	315
February	150	117	185	164	8	7	(3)	(3)	343	289
March	148	116	197	175	8	7	(3)	(3)	354	299
April	150	118	190	169	8	7	(3)	(3)	349	295
January-March	466	367	577	513	24	21	(3)	(3)	1,070	903
January-April	617	485	767	682	32	28	(3)	(3)	1,420	1,200

^PPreliminary.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes plants previously categorized as "Integrated aluminum companies."

³Less than ½ unit.

TABLE 3
CONSUMPTION OF AND RECOVERY FROM PURCHASED
NEW AND OLD ALUMINUM SCRAP IN MARCH 2008¹

(Metric tons)

	Consumption		Calculated metallic recovery	
	Tabulated reports	Estimated full coverage	Tabulated reports	Estimated full coverage
	Secondary smelters	124,000	148,000	97,000
Independent mill fabricators ²	178,000	197,000	158,000	175,000
Foundries	6,570	7,880	5,770	6,920
Other consumers	718	861	632	758
Total	309,000	354,000	261,000	299,000

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes plants previously categorized as "Integrated aluminum companies."

TABLE 3a
 CONSUMPTION OF AND RECOVERY FROM PURCHASED
 NEW AND OLD ALUMINUM SCRAP IN APRIL 2008¹

(Metric tons)

	Consumption		Calculated metallic recovery	
	Tabulated reports	Estimated full coverage	Tabulated reports	Estimated full coverage
Secondary smelters	126,000	150,000	98,600	118,000
Independent mill fabricators ²	170,000	190,000	15,100	169,000
Foundries	6,650	7,980	5,850	7,020
Other consumers	717	860	631	757
Total	303,000	349,000	256,000	295,000

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes plants previously categorized as "Integrated aluminum companies."

TABLE 4
 PURCHASED AND TOLL-TREATED ALUMINUM-BASE SCRAP AND SWEATED PIG IN MARCH 2008¹

(Metric tons)

	March			January-March ²		
	Stocks, opening	Net receipts ³	Melted or consumed	Stocks, closing	Net receipts ³	Melted or consumed
New scrap:						
Extrusion	27,900	87,800	91,100	24,500	272,000	273,000
Can stock clippings	2,830	17,600	18,600	1,870	53,300	55,100
Other wrought sheet/clippings	5,630 ^r	25,900	25,800	5,710	77,200	75,700
Casting	792	5,620	5,680	739	19,000	19,300
Borings and turnings	4,240	11,400	11,400	4,210	36,800	37,100
Dross and skimmings	3,670	34,700	34,700	3,670	105,000	105,000
Total new scrap	45,000 ^r	183,000	187,000	40,700	563,000	565,000
Old scrap:						
Used castings	4,830	16,300	17,100	4,070	44,300	48,300
Used extrusion	2,000	6,300	6,300	2,000	18,900	18,900
Used cans (shredded, loose, baled)	4,740	60,800	62,100	3,400	175,000	177,000
Other wrought products	3,270	20,600	20,600	3,270	68,100	68,100
Fragmentized shredder (auto shredder)	5,660	15,300	15,300	5,600	51,800	51,900
Total old scrap	20,500	119,000	121,000	18,300	358,000	364,000
Sweated pig	82	246	246	82	739	739
Total all classes	65,600 ^r	302,000	309,000	59,100	922,000	930,000

^rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes revised data from previous month(s).

³Includes data on imported aluminum-base scrap.

TABLE 4a
PURCHASED AND TOLL-TREATED ALUMINUM-BASE SCRAP AND SWEATED PIG IN APRIL 2008¹

(Metric tons)

	April			January-April ²		
	Stocks, opening	Net receipts ³	Melted or consumed	Stocks, closing	Net receipts ³	Melted or consumed
New scrap:						
Extrusion	24,500	88,600	89,800	23,300	361,000	363,000
Can stock clippings	1,870	18,600	17,500	3,000	72,000	72,600
Other wrought sheet/clippings	5,710	25,600	25,800	5,510	103,000	101,000
Casting	739	5,580	5,610	704	24,600	24,900
Borings and turnings	4,210	11,400	11,400	4,250	48,200	48,500
Dross and skimmings	3,670	34,700	34,700	3,670	139,000	140,000
Total new scrap	40,700	185,000	185,000	40,500	748,000	750,000
Old scrap:						
Used castings	4,070	21,100	19,700	5,460	65,400	68,000
Used extrusion	2,000	6,300	6,300	2,000	25,200	25,200
Used cans (shredded, loose, baled)	3,400	56,700	56,200	3,940	232,000	233,000
Other wrought products	3,270	20,300	20,300	3,270	88,400	88,400
Fragmentized shredder (auto shredder)	5,600	15,500	15,600	5,550	67,300	67,500
Total old scrap	18,300	120,000	118,000	20,200	478,000	482,000
Sweated pig	82	246	246	82	985	985
Total all classes	59,100	305,000	303,000	60,700	1,230,000	1,230,000

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes revised data from previous month(s).

³Includes data on imported aluminum-base scrap.

TABLE 5
ALUMINUM ALLOYS PRODUCED AT SECONDARY SMELTERS IN THE UNITED STATES FOR 2008^{1,2}

(Metric tons)

	March				January-March ³	
	Stocks, opening	Production	Net shipments	Stocks, closing	Production	Net shipments
Die-cast alloys:						
13% Si, 360, etc. (0.6% Cu, max.)	3,930	1,870	1,960	3,840	6,560	5,940
380 and variations	4,190	13,200	13,200	4,190	44,600	45,800
Sand and permanent mold:						
95/5 Al-Si, 356, etc. (0.6% Cu, max.)	1,360	2,730	2,730	1,360	8,190	8,260
No. 319 and variations	1,990	3,380	3,380	1,980	10,900	1,300
F-132 alloy and variations	748	1,350	1,310	782	4,250	4,210
Al-Zn alloys	292	168	168	292	530	546
Al-Si alloys (0.6% to 2.0% Cu)	86	213	213	86	639	639
Al-Cu alloys (1.5% Si, max.)	283	411	411	283	1,234	1,234
Other ³	8,240	13,100	11,500	9,840	38,000	36,000
Wrought alloys, extrusion billets	18,700	55,100	55,100	18,700	166,000	166,000
Total all alloys	39,800	91,600	90,000	41,400	281,000	280,000
Less:						
Primary aluminum consumed	XX	18,200	XX	XX	53,500	XX
Primary silicon consumed	XX	1,710	XX	XX	6,150	XX
Other alloying ingredients consumed	XX	631	XX	XX	1,940	XX
Net metallic recovery from aluminum scrap and sweated pig consumed in production of secondary aluminum ingot ⁴	XX	71,000	XX	XX	219,000	XX

XX Not applicable.

¹Excludes integrated aluminum companies.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Includes alloys No. 12, Al-Mg, Al-Si-Cu-Ni, aluminum-base hardeners, variations of these alloys, plus other aluminum alloys.

⁴No allowance made for melt-loss of primary aluminum and alloying ingredients.

TABLE 5a
ALUMINUM ALLOYS PRODUCED AT SECONDARY SMELTERS IN THE UNITED STATES FOR 2008^{1,2}

(Metric tons)

	April				January-April ³	
	Stocks, opening	Production	Net shipments	Stocks, closing	Production	Net shipments
Die-cast alloys:						
13% Si, 360, etc. (0.6% Cu, max.)	3,840	1,870	1,960	3,760	8,430	7,900
380 and variations	4,190	13,200	13,200	4,190	57,800	59,000
Sand and permanent mold:						
95/5 Al-Si, 356, etc. (0.6% Cu, max.)	1,360	2,730	2,730	1,360	10,900	11,000
No. 319 and variations	1,980	3,380	3,400	1,960	14,300	14,700
F-132 alloy and variations	782	1,670	1,560	895	5,920	5,770
Al-Zn alloys	292	168	168	292	698	714
Al-Si alloys (0.6% to 2.0% Cu)	86	213	213	86	852	852
Al-Cu alloys (1.5% Si, max.)	283	411	411	283	1,650	1,650
Other ³	9,840	13,100	11,700	11,300	51,200	47,700
Wrought alloys, extrusion billets	18,700	55,400	55,300	18,700	221,000	221,000
Total all alloys	41,400	92,200	90,700	42,800	373,000	371,000
Less:						
Primary aluminum consumed	XX	18,500	XX	XX	35,200	XX
Primary silicon consumed	XX	1,720	XX	XX	4,430	XX
Other alloying ingredients consumed	XX	644	XX	XX	1,310	XX
Net metallic recovery from aluminum scrap and sweated pig consumed in production of secondary aluminum ingot ⁴	XX	71,300	XX	XX	148,000	XX

XX Not applicable.

¹Excludes integrated aluminum companies.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Includes alloys No. 12, Al-Mg, Al-Si-Cu-Ni, aluminum-base hardeners, variations of these alloys, plus other aluminum alloys.

⁴No allowance made for melt-loss of primary aluminum and alloying ingredients.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF ALUMINUM IN FEBRUARY 2008¹

(Metric tons)

Country	Metals and alloys, crude		Plates, sheets, bars, etc.		Scrap		Total	
	February	January-February	February	January-February	February	January-February	February	January-February
Argentina	7,920	14,700	--	--	--	--	7,920	14,700
Australia	5,230	5,230	(2)	6	--	--	5,230	5,240
Bahrain	485	1,480	1,410	3,060	--	--	1,890	4,540
Belgium	16	35	580	981	--	--	596	1,020
Brazil	5,950	13,600	996	2,420	--	--	6,940	16,000
Canada	153,000	327,000	33,100	65,900	24,900	51,600	211,000	444,000
China	1,410	3,500	10,900	24,300	--	--	12,300	27,800
France	17	28	281	521	--	153	297	701
Germany	25	89	5,990	12,200	50	71	6,070	12,400
Hungary	--	--	17	43	--	--	17	43
Italy	(2)	(2)	780	1,340	--	(2) ³	780	1,340
Japan	70	170	821	1,370	67	117	958	1,660
Korea, Republic of	33	60	239	475	11	11	283	546
Mexico	1,930	2,960	1,670	3,150	10,100	18,000	13,700	24,100
Netherlands	136	187	184	660	--	--	321	847
Norway	328	702	(2)	7	--	--	328	709
Russia	22,000	48,300	3,070	6,830	--	--	25,000	55,200
South Africa	--	3,440	3,480	8,020	--	--	3,480	11,500
Spain	5	5	28	33	8	8	41	46
Sweden	--	--	226	398	--	--	226	398
Switzerland	--	--	520	919	--	--	520	919
United Arab Emirates	4,050	12,200	--	--	--	--	4,050	12,200
United Kingdom	293	643	756	1,220	450	805	1,500	2,660
Venezuela	4,080	9,660	3	273	30	89	4,120	10,000
Other	1,180	4,260	8,490	17,700	2,680	6,230	12,400	28,200
Total	208,000	448,000	73,500	152,000	38,300	77,100	320,000	677,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

³Includes revisions.

Source: U.S. Census Bureau.

TABLE 6a
U.S. IMPORTS FOR CONSUMPTION OF ALUMINUM IN MARCH 2008¹

(Metric tons)

Country	Metals and alloys, crude		Plates, sheets, bars, etc.		Scrap		Total	
	March	January- March	March	January- March	March	January- March	March	January- March
Argentina	497	15,200	--	--	--	--	497	15,200
Australia	3,990	9,210	22	27	--	--	4,010	9,240
Bahrain	--	1,480	1,440	4,500	--	--	1,440	5,980
Belgium	3	39	397	1,380	--	--	400	1,420
Brazil	9,560	23,200	2,130	4,540	--	--	11,700	27,700
Canada	169,000	496,000	36,500	102,000	27,300	78,900	233,000	677,000
China	1,930	5,430	7,250	31,500	--	--	9,180	36,900
France	10	37	270	791	--	153	280	981
Germany	146	235	7,930	20,100	56	127	8,130	20,500
Hungary	--	--	10	53	--	--	10	53
Italy	16	16	462	1,800	(2)	(2)	478	1,810
Japan	27	197	1,290	2,660	59	176	1,380	3,030
Korea, Republic of	17	76	211	686	19	30	247	792
Mexico	2,710	5,660	1,320	4,470	10,200	28,200	14,200	38,400
Netherlands	24	211	86	746	77	77	187	1,030
Norway	304	1,010	--	7	--	--	304	1,010
Russia	27,500	75,800	3,170	10,000	--	--	30,600	85,800
South Africa	1,500	4,940	3,520	11,500	500	500	5,520	17,000
Spain	--	5	8	41	--	8	8	53
Sweden	--	--	126	525	--	--	126	525
Switzerland	--	--	448	1,370	--	--	448	1,370
United Arab Emirates	8,390	20,600	--	--	--	--	8,390	20,600
United Kingdom	84	727	967	2,180	66	871	1,120	3,780
Venezuela	15,400	25,100	666	938	293	382	16,400	26,400
Other	5,900	10,200	8,330	26,000	3,230	9,460	17,500	45,700
Total	247,000	695,000	76,500	228,000	41,800	119,000	365,000	1,040,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF ALUMINUM IN FEBRUARY 2008¹

(Metric tons)

Country or territory	Metals and alloys, crude		Plates, sheets, bars, etc.		Scrap		Total	
	February	January- February	February	January- February	February	January- February	February	January- February
Australia	19	25	240	505	23	23	282	553
Belgium	55	92	105	249	18	74	178	415
Brazil	12	281	489	1,100	286	586	788	1,970
Canada	10,200	20,800	38,100	74,400	13,500	26,900	61,800	122,000
China	26	483	4,490	6,900	75,900	141,000	80,400	148,000
Czech Republic	--	--	65	105	--	--	65	105
Dominican Republic	--	353	35	60	(2)	(2)	36	414
France	112	202	934	2,150	(2)	(2)	1,050	2,350
Germany	411	929	825	1,970	56	105	1,290	3,000
Hong Kong	70	70	2,340	4,740	6,330	10,100	8,740	14,900
India	3	3	92	251	2,400	4,680	2,500	4,930
Israel	53	119	266	809	--	--	319	928
Italy	--	3	215	562	95	249	309	814
Japan	447	1,610	1,900	3,790	6,490	11,800	8,840	17,200
Korea, Republic of	149	150	1,570	2,780	16,300	31,300	18,000	34,200
Malaysia	1	10	533	831	57	118	591	958
Mexico	14,600	31,200	18,200	36,800	6,690	13,800	39,500	81,800
Netherlands	5	12	130	697	98	194	234	903
Russia	--	--	1	3	--	--	1	3
Saudi Arabia	--	--	5,810	9,300	--	--	5,810	9,300
Singapore	22	22	87	249	--	--	109	271
Spain	3	6	131	183	105	280	240	470
Sweden	--	--	42	53	--	--	42	53
Taiwan	9	16	1,170	1,720	29,300	58,700	30,500	60,500
Thailand	--	--	810	1,840	14,800	18,900	15,600	20,800
United Kingdom	49	71	2,460	4,790	29	42	2,530	4,900
Venezuela	--	--	95	300	5	5	100	305
Other	551	1,130	4,740	9,830	2,740	4,590	8,030	15,500
Total	26,800	57,600	85,900	167,000	175,000	323,000	288,000	548,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 7a
U.S. EXPORTS OF ALUMINUM IN MARCH 2008¹

(Metric tons)

Country or territory	Metals and alloys, crude		Plates, sheets, bars, etc.		Scrap		Total	
	March	January- March	March	January- March	March	January- March	March	January- March
Australia	31	56	145	650	--	23	176	729
Belgium	36	128	136	386	37	111	210	625
Brazil	4	285	843	1,940	368	954	1,220	3,180
Canada	10,100	30,900	35,900	110,000	14,500	41,300	60,500	183,000
China	290	773	4,150	11,100	72,300	213,000	76,700	225,000
Czech Republic	--	--	15	120	--	--	15	120
Dominican Republic	2	355	27	87	--	(2)	29	442
France	73	275	945	3,090	3	3	1,020	3,370
Germany	302	1,230	914	2,880	19	125	1,240	4,240
Hong Kong	1	72	1,460	6,200	6,690	16,700	8,150	23,000
India	35	38	167	419	2,150	6,830	2,350	7,280
Israel	1	120	508	1,320	--	--	509	1,440
Italy	--	3	198	760	40	290	238	1,050
Japan	616	2,230	1,860	5,640	4,960	16,800	7,440	24,600
Korea, Republic of	26	175	1,290	4,070	16,700	48,000	18,000	52,200
Malaysia	(2)	10	921	1,750	153	270	1,070	2,030
Mexico	14,100	45,400	17,100	53,900	7,870	21,700	39,100	121,000
Netherlands	210	222	60	757	77	271	348	1,250
Russia	--	--	4	8	--	--	4	8
Saudi Arabia	--	--	3,610	12,900	--	--	3,610	12,900
Singapore	17	39	81	330	--	--	98	369
Spain	--	6	57	240	--	280	57	527
Sweden	--	--	9	62	--	--	9	62
Taiwan	--	16	672	2,390	32,100	90,800	32,700	93,200
Thailand	10	10	760	2,600	19,200	38,200	20,000	40,800
United Kingdom	35	106	2,270	7,050	38	80	2,340	7,240
Venezuela	--	--	16	316	--	5	16	321
Other	400	1,530	5,050	14,900	6,670	11,300	12,100	27,700
Total	26,400	84,000	79,200	246,000	184,000	507,000	289,000	837,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.