

Table 3. U.S. statistics for bauxite, alumina, and aluminum¹. Units are in 10³ metric tons, unless otherwise noted. Where blanks occur, no information was available.

year	U.S. Bauxite Production	World Bauxite Production ²	U.S. Bauxite Exports	U.S. Bauxite Imports	U.S. Bauxite Consumption ³	U. S. Bauxite Value (\$1000)
1900	24	84		9	31	
1901	19	102		19	37	
1902	28	130		16	44	
1903	49			15	64	
1904	48	133		16	64	
1905	49	159		12	61	
1906	77	201		18	95	
1907	99	269		26	125	
1908	53	243		22	75	
1909	131	275		19	150	
1910	151	356		16	167	
1911	158	425		44	202	
1912	162	435		27	189	
1913	214	537		22	235	
1914	223	236	5	25	243	
1915	302	320	16	3	289	
1916	432	700.6	18		414	
1917	578	1029	22	8	563	
1918	615	817.9	20	4	599	
1919	383	568.9	18	6	371	
1920	530	898.8	23	44	551	
1921	142	345.3	6	28	164	
1922	315	578.5	20	24	319	
1923						
1924	353	1155	78	204	480	
1925	322	1386	80	360	601	
1926	399	1275	89	285	595	
1927	326	1418	124	363	565	
1928	381	2032	115	356	622	
1929	372	2149	136	387	623	
1930	336		106	417	646	
1931	199	1071	90	311	421	
1932	98	800	29	209	241	
1933	157	1095	22	152	287	
1934	160	1315	52	170	255	
1935	238	1749	84	203	311	
1936	378	2950	86	328	570	
1937	427	3808	125	515	748	
1938	354	2717	66	518	700	
1939	427	4492	59	592	881	
1940	499	5535	93	777	1324	
1941	1017	7778	153	1379	2126	
1942	2812	9670	297	1092	3109	
1943	6333	14559	424	1706	5879	
1944	2868	7409	149	617	4271	
1945	997	3430	128	751	2472	5591
1946	1122	4360	99	865	1919	6893
1947	1221	6316	96	1850	2606	6885

Table3. Cont.

year	U.S. Bauxite Production	World Bauxite Production ²	U.S. Bauxite Exports	U.S. Bauxite Imports	U.S. Bauxite Consumption ³	U. S. Bauxite Value (\$1000)
1948	1481	8359	55	2528	2769	8697
1949	1167	8230	36	2731	2721	6778
1950	1356	8179	46	2557	3378	7693
1951	1879	10871	91	2865	4009	12478
1952	1694	12802	42	3518	4296	10776
1953	1605	13818	28	4298	5718	13439
1954	2027	16155	16	5068	6531	16403
1955	1817	17780	14	4960	7101	14543
1956	1772	18838	15	5761	7875	15109
1957	1439	20473	62	7212	7756	12868
1958	1332	21413	12	8042	7147	12815
1959	1727	23054	17	8280	8757	17725
1960	2030	27641	29	8879	9026	21107
1961	1248	29410	153	9354	8759	13937
1962	1391	31116	263	10745	10747	15609
1963	1549	30690	206	9408	11500	17234
1964	1627	33359	283	10518	12747	17875
1965	1681	37440	149	11601	12735	18632
1966	1825	40683	63	11928	14310	20095
1967	1681	44593	2	12010	14736	19079
1968	1692	45982	7	11359	14323	23752
1969	1873	51827	5	12355	15830	25725
1970	2115	57786	3	13039	15925	30070
1971	2020	62124	35	12837	15870	28543
1972	1841	64947	29	12803	15622	23238
1973	1909	70355	12	13618	16917	26635
1974	1980	79620	16	15216	17175	25663
1975	1801	74791	20	11714	12587	25083
1976	1989	77417	15	12749	14039	26645
1977	2013	81931	26	12989	14528	27555
1978	1669	80975	13	13847	14738	23185
1979	1821	85522	15	13780	15697	24875
1980	1559	89220	21	14087	15962	22353
1981	1510	85347	20	12802	13525	26489
1982	732	79335	49	10122	9217	12334
1983	679	78687	74	7601	9100	11309
1984	856	87799	82	9435	10519	15643
1985	674	84189	56	7158	8206	12855
1986	510	88173	69	6456	6901	10361
1987	576	91601	201	9156	9548	10916
1988	588	96957	63	9944	10074	10566
1989	Withheld	104081	44	10893	11810	100
1990	Withheld	109601	53	12142	12142	100
1991	Withheld	111000	58	12300	12200	100
1992	Withheld	105000	68	11400	11900	100
1993	Withheld	108000	92	11900	11900	100
1994	Withheld	107000	137	11070	11200	100
1995	Withheld	112000	108	10100	10900	100

Table 3. Cont.

year	U.S. Bauxite Production	World Bauxite Production ²	U.S. Bauxite Exports	U.S. Bauxite Imports	U.S. Bauxite Consumption ³	U. S. Bauxite Value (\$1000)
1996		120000	132	10300	11000	
1997		123000	85	10700	11500	
1998		122000	108	11600	14800	
1999		123000	170	9500	11300	

1. The approximate relation between bauxite, alumina and aluminum is $\text{bauxite} = 1/2 \text{ alumina} = 1/4 \text{ aluminum}$.
2. In addition to bauxite produced, Azerbaijan produces alunite (about 500 mt per year) and Russia produces nepheline syenite (about 1,500 mt per year. Nepheline syenite concentrate grades about 25 to 30 percent alumina, alunite ore about 16 to 18 percent alumina.
3. Bauxite consumption (1996 to present) approximately equals bauxite import+shipments from government stockpiles-exports.
4. Secondary Al production is metal recovered from new and old scrap. The two have contributed approximately equally over the past 15 years. Prior to that time, new scrap represented the dominant source.
5. Apparent consumption is primary production + secondary recovery from old scrap + imports - exports + adjustments for inventory changes. Prior to 1970 adjustments were not included, but represented only about 1 to 3 percent of the total.

Table 3. Cont.

year	U.S. Second-ary AI Production ⁴	U.S. Primary AI Production	World AI Production	U.S. AI Consumption ⁵	U.S. AI Import	U.S. AI Export
1900		2.3		2.3		
1901		2.6		2.6		
1902		2.6		2.6		
1903		3.0		3.0		
1904		3.6		3.7		
1905		4.9		4.9		
1906		6.4		6.4		
1907		7.4		7.4		
1908		4.8		4.8		
1909		13.0		13.2		
1910		16.0		16.1		
1911		17.0		19.3	1.9	
1912		19.0		29.3	10.3	
1913	4.2	21.4		32.0	10.5	
1914	4.1	26.3		33.7	7.4	
1915	7.7	41.1		44.9	3.9	
1916	17.5	52.3		55.2	3.0	
1917	14.6	58.9		54.4	0.03	
1918	13.7	56.6		46.4	0.8	
1919	17.0	58.2		62.3	6.3	
1920	14.1	62.6		76.2	17.8	
1921	8.1	24.8		38.5	14.8	
1922	14.8	33.4		51.2	19.9	
1923	19.3	58.3		75.1	19.3	
1924	24.5	68.3		79.8	14.4	
1925	39.9	63.5		76.9	19.1	
1926	40.1	65.3		93.9	32.4	
1927	41.9	72.6		94.8	28.4	
1928	43.4	95.3		105.5	17.6	
1929	43.9	101.6		117.4	23.1	
1930	35.0	104.3		107.6	11.6	
1931	27.5	80.7		85.6	6.7	
1932	21.8	47.2		48.7	3.7	
1933	30.4	39.0		42.9	6.9	
1934	42.1	33.6		38.3	8.4	
1935	46.6	54.4		62.0	9.7	
1936	46.7	102.0		112.9	11.5	
1937	56.8	132.4		150.8	20.5	
1938	35.2	129.7		132.5	8.1	
1939	48.9	148.8		128.4	13.1	
1940	73.0	186.9		178.3	16.4	
1941	97.0	280.3		285.8	12.2	
1942	178.2	473.0	1400	539.0	101.7	
1943	285.0	835.0	1946	851.0	123.2	
1944	295.0	704.0	1693	624.0	91.6	
1945	271.0	449.0	870	747.0	303.1	
1946	252.0	372.0	790	396.0	38.6	
1947	313.0	519.0	1080	490.0	28.4	

Table 3. Cont.

year	U.S. Second-ary Al Production ⁴	U.S. Primary Al Production	World Al Production	U.S. Al Consumption ⁵	U.S. Al Import	U.S. Al Export
1948	260	565	1265	666	146	
1949	164	547	1310	627	114	
1950	221	652	1488	871	232	
1951	265	759	1796	876	147	14
1952	277	850	2059	1019	137	10
1953	335	1136	2472	1361	326	14
1954	284	1325	2808	987	221	45
1955	376	1421	3139	1462	217	31
1956	388	1523	3375	1740	240	62
1957	404	1495	3366	1458	234	57
1958	322	1421	3506	1262	266	74
1959	407	1773	4064	1927	274	149
1960	397	1827	4491	1591	178	348
1961	441	1727	4704	1719	231	216
1962	529	1921	5062	2051	342	235
1963	593	2098	5318	2282	423	265
1964	641	2316	5945	2243	411	317
1965	752	2498	6306	2849	562	286
1966	805	2693	6879	3428	616	299
1967	797	2966	7596	3198	489	332
1968	904	2953	8019	3483	719	318
1969	1043	3441	8969	3707	506	522
1970	907	3607	9653	3404	425	555
1971	953	3561	10317	3827	626	266
1972	1022	3739	11007	4468	720	298
1973	1126	4109	12124	5284	557	509
1974	1163	4448	13169	4924	571	475
1975	1121	3519	12144	3544	499	399
1976	1334	3856	12622	4611	679	439
1977	1456	4118	13779	4982	758	373
1978	1518	4358	14131	5484	980	472
1979	1612	4557	14555	5342	762	701
1980	1577	4654	15383	4594	647	1346
1981	1789	4489	15079	4615	848	787
1982	1666	3274	13433	4379	878	748
1983	1773	3353	13904	5027	1091	776
1984	1760	4099	15705	5240	1477	734
1985	1762	3500	15398	5209	1420	908
1986	1773	3037	15412	5143	1967	753
1987	1986	3343	16514	5469	1850	917
1988	2122	3944	18495	5373	1620	1247
1989	2054	4030	19010	4957	1470	1615
1990	2393	4048	19299	5264	1514	1659
1991	2290	4121	19652	5043	1490	1762
1992	2750	4042	19532	5715	1725	1453
1993	2940	3695	19773	6612	2545	1207
1994	3080	3299	19211	6879	3382	1365
1995	3200	3350	19709	6295	2975	1610

Table3. Cont.

year	U.S. Second-ary Al Production ⁴	U.S. Primary Al Production	World Al Production	U.S. Al Consumption ⁵	U.S. Al Import	U.S. Al Export
1996	3307	3577	20747	6609	2808	1497
1997	3546	3603	21617	6716	3078	1571
1998	3443	3713	22503	7093	3546	1587
1999	1400	3800	23073	7500	4002	1645

Table 3. Cont.

year	Al Spot Price (cents/lb)	Al List Price (cents/lb)	U.S. Al ₂ O ₃ Production ¹	World Al ₂ O ₃ Production	U.S. Exports Al ₂ O ₃	U.S. Al ₂ O ₃ Imports
1900						
1901						
1902						
1903						
1904						
1905						
1906						
1907						
1908						
1909						
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1912						
1913						
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1922						
1923						
1924						
1925						
1926						
1927						
1928						
1929						
1930						
1931						
1932						
1933		23.3				
1934		23.3				
1935		20.5				
1936		20.5				
1937		20.0				
1938		20.0				
1939						
1940						
1941						
1942		15.0				
1943		15.0				
1944						
1945						
1946		15.0				
1947		15.0				

Table 3. Cont.

year	Aluminum Spot Price (cents/lb)	Aluminum List Price (cents/lb)	U.S. Al ₂ O ₃ Production ¹	World Al ₂ O ₃ Production	U.S. Exports Al ₂ O ₃	U.S. Al ₂ O ₃ Imports
1948		15.7				
1949		17.0				
1950		17.7				
1951		19.0				
1952		19.4				
1953		20.9				
1954		21.8				
1955		23.7				
1956		26.0				
1957		27.5				
1958		26.9				
1959		26.9				
1960		26.0				
1961		25.5				
1962		23.9				
1963		22.6				
1964		23.7				
1965		24.5				
1966		24.5				
1967		25.0				
1968		24.5				
1969		27.2				
1970	25.4	28.7				
1971	24.1	29.0				
1972	21.1	26.3				
1973	26.4	25.3				
1974	43.1	34.1				
1975	34.8	39.8				
1976	41.2	44.5				
1977	47.8	51.3				
1978	51	54.4				
1979	70.7	61.0				
1980	76.1	70.8				
1981	59.8	77.2				
1982	46.8	76.4				
1983	68.3	77.5				
1984	61.1	81.0				
1985	48.8	81.0				
1986	55.9	81.0				
1987	72.3					
1988	110					
1989	87.8					
1990	74		5230	42600		
1991	59.5		5230	42400		
1992	57.5		5190	41700		
1993	53.3		5290	43200	1224	3940
1994	71.2		5090	42000	1040	3120
1995	85.9		4760	42400	1040	4000

Table 3. Cont.

year	Aluminum Spot Price (cents/lb)	Aluminum List Price (cents/lb)	U.S. Al ₂ O ₃ Production ¹	World Al ₂ O ₃ Production	U.S. Exports Al ₂ O ₃	U.S. Al ₂ O ₃ Imports
1996	71.3		4150	48800	918	4330
1997	77.1		4510	45100	1270	3830
1998	65.5				1280	4050
1999	65.5				1100	4200
