

Table 6. U. S. statistics for zinc. Units are in metric tons, unless otherwise noted. Blanks indicate no information.

Year	U.S. Primary Slab Production (Total)	U.S. Primary Slab Production (Domestic Ore)	U.S. Secondary Slab Production	U.S. Mine Production	U.S. Imports (Blocks, Pigs or Slab)	U.S. Imports (Ore + Concentrate) Zn Content1
1900	112388			150546		
1901	127752			167646		
1902	142362			192922	406	
1903	144441			180194	183	
1904	169378			201951	309	727
1905	184929			213003	388	7301
1906	203908			201147	926	17816
1907	226669		6396	235824	1550	33168
1908	190893		6495	212758	704	17614
1909	232022		8412	277075	8545	37356
1910	244200		11597	297295	897	23078
1911	259932	246410	12740	302856	293	14454
1912	307360	293844	23645	349578	9724	15937
1913	314499	305950	23579	374967	4686	12244
1914	320281	311544	18638	377082	177	11006
1915	444084	415613	27001	533057	57	52316
1916	605506	511154	26105	638039	19	134397
1917	607427	530338	15272	647159	16	65747
1918	469856	446702	8997	577052	10	22506
1919	422515	410294	17915	498264	29	15430
1920	420369	408274	19387	532993	0	20400
1921	181891	179833	15942	232820	5986	2454
1922	321395	320485	29926	428220	36	1750
1923	463058	461154	35774	554009	1	2924
1924	469322	467954	32192	578763	10	4218
1925	519768	504060	35544	644870	0	12280
1926	561023	555189	37012	702672	0	13215
1927	537522	523409	38813	651850	35	8630
1928	546652	536623	44149	630648	0	1512
1929	567396	555321	42953	657236	205	13073
1930	451819	443941	31614	540161	255	23441
1931	264894	264894	19618	372234	249	708
1932	187922	187922	13352	258757	281	1727
1933	278671	277608	27294	348613	1715	1935
1934	329843	322383	17863	398006	1565	12952
1935	381593	373927	25991	469834	4032	9544
1936	446455	446156	38291	522152	10578	156
1937	505215	500009	46769	568226	33755	3035
1938	404914	395539	28679	468742	6559	4409
1939	460157	445480	45748	529621	28086	30393
1940	612599	535228	44376	603340	9204	40494
1941	745724	592028	53980	679595	36549	140178
1942	809093	571488	48258	696741	32978	256885

Table 6. Cont.

Year	U.S. Primary Slab Production (Total)	U.S. Primary Slab Production (Domestic Ore)	U.S. Secondary Slab Production	U.S. Mine Production	U.S. Imports (Blocks, Pigs or Slab)	U.S. Imports (Ore + Concentrate) Zn Content1
1943	854849	539095	43740	675123	50943	468694
1944	788618	521135	44486	651941	57721	376485
1945	693598	423732	44672	557336	87779	300762
1946	660668	416584	40384	521478	94406	151396
1947	728011	462717	54016	578428	65374	176740
1948	714648	488035	56536	571506	83910	121394
1949	739158	536558	49932	538145	113910	99369
1950	765181	533689	60754	565516	140915	215514
1951	799804	564111	44141	617964	79871	179618
1952	820530	522383	49996	604186	102560	491979
1953	831077	449452	47967	496620	206524	407990
1954	727948	345013	61700	429526	145275	436282
1955	874076	528810	59912	466902	176955	348947
1956	892316	426461	65433	492003	222012	419463
1957	894299	489600	65764	482387	243873	616356
1958	708735	314104	42279	373765	168458	487792
1959	724538	316102	52452	385829	149197	384768
1960	725309	303091	62352	395013	109701	347396
1961	768200	374923	50110	421288	113567	324457
1962	797774	406505	53415	458574	123373	351372
1963	809739	430012	54706	480131	120050	337399
1964	865531	482592	64951	521503	121670	282529
1965	902107	500054	75858	554429	139667	365537
1966	929924	474984	75535	519416	254290	359585
1967	851692	397849	66683	498419	201397	391286
1968	926137	453131	72452	480305	276407	439806
1969	944014	416175	64005	501786	294616	512772
1970	796337	366460	69995	484560	235988	408932
1971	695297	366276	73412	455899	294159	423989
1972	574411	363753	66876	433924	468691	157907
1973	529323	362075	75466	434408	535920	139864
1974	503658	314787	71246	453477	493333	121321
1975	397394	279376	52513	425792	340124	388769
1976	452554	346429	62192	439543	630612	141342
1977	408364	322208	45914	407889	503621	109277
1978	406698	267350	34774	302669	622470	106315
1979	472481	255344	53212	267341	524130	87499
1980	340456	231850	29396	317103	410163	182370
1981	346563	259835	50192	312418	612007	245710
1982	228176	193284	74288	303160	456233	66809
1983	235694	210315	69390	275294	617679	63156
1984	253132	198912	78113	252768	639228	86172

Table 6. Cont.

Year	U.S. Primary Slab Production (Total)	U.S. Primary Slab Production (Domestic Ore)	U.S. Secondary Slab Production	U.S. Mine Production	U.S. Imports (Blocks, Pigs or Slab)	U.S. Imports (Ore + Concentrate) Zn Content <sup>1</sup>
1985	261209	198005	72563	226545	610900	90186
1986	253369	191079	62912	202983	665126	75786
1987	261345	203275	82589	216327	705985	46464
1988	241294	196476	88492	244314	749130	62966
1989	260305	229870	97904	275883	711554	40974
1990	262704	230470	95708	515355	631742	46684
1991	253000	218000	122000	518000	549000	45400
1992	272000	227000	128000	523000	644000	44500
1993	240000	214000	141000	488000	724000	33100
1994	217000	201000	139000	570000	793000	27400
1995	232000	223000	131000	603000	856000	10000
1996	225400	214000	140000	586000	827000	15100
1997	226700	195000	140000	592000	876000	49600
1998	234000	192000	134000	709000	879000	46000
1999	241000	180000	131000	808000	966000	74600

1. From 1904-1909 represents estimates (Minerals Yearbook, 1926); for 1910-1936 represents zinc content of general imports.
2. Excludes secondary slab and remelt zinc. Units are in 1000 metric tons.
3. Zinc content of ore and concentrate, 1900-1915, estimated at 50 percent of that shipped; 1907-1915 virtually all willemite concentrate, containing 50 percent zinc.
4. Data through 1981 reported as consumption, 1982 and forward data reported as apparent consumption.
5. 1901-1907 data for zinc oxide and zinc-lead from ore; 1908-1918 data for pigments from ore; 1919-1924 data for pigments and salts from ore; 1925-1956 data for zinc oxide from ore; 1957-1988 includes ore directly for galvanizing.
6. Based on apparent consumption of slab zinc plus zinc content of ores and concentrates and secondary materials used to make zinc dust and chemicals.
7. Prior to 1947 world production represents smelter production; thereafter it represents mine production. The former is approximately 10 percent lower, on average.
8. Source: U.S. Bureau of Mines, Nonferrous Metal Prices in the United States through 1988. Special Publication 1989, p. 125-130.
9. London Metal Exchange.

Table 6. Cont.

Year	U.S. Secondary Production <sup>2</sup>	U. S. Exports (Slab)	U. S. Exports (Ore + Concentrate) <sup>3</sup>	U. S. Consumption (Slab) <sup>4</sup>	U. S. Consumption (Ore and Concentrate) <sup>5</sup>
1900		20322	19079	90173	35446
1901		3075	20029	128529	35198
1902		2937	25280	138511	40591
1903		1380	17876	140052	48308
1904		9205	16289	164120	49343
1905		5004	14037	181834	53724
1906		4237	12574	200289	58915
1907		511	9234	205903	59944
1908		1119	11842	194289	43549
1909		303	5650	245602	49114
1910		8386	8941	223062	45896
1911		13023	16584	254065	41841
1912		6808	21182	308752	58089
1913		12234	16069	267955	64067
1914		67594	10079	272140	64064
1915		119213	755	330991	72187
1916		137211	71	416685	81897
1917		199639	1197	375251	88517
1918		96751	56	384458	93239
1919		132718		293895	90909
1920		103661		293060	106122
1921		4495		184703	51917
1922		31571	1538	338462	86104
1923		29885	2544	405071	106633
1924		69165	334	406652	99207
1925		69264	62551	453680	100698
1926		38936	86411	505326	117934
1927		41454	42380	468446	110677
1928		22942	4099	568351	112491
1929		13073	64	575427	125192
1930		4203		409050	95254
1931		583	12	335658	68039
1932		5870		234961	49895
1933		1039	734	317787	65317
1934		4631	3285	326496	68946
1935		1467	418	429099	78018
1936		34	222	527982	87090
1937		226	285	553383	101605
1938			122	381925	62596
1939		4096	275	567898	77111
1940		71750	406	665018	87090
1941		81020		750637	122470
1942		121507		660584	104326

Table 6. Cont.

Year	U.S. Secondary Production <sup>2</sup>	U. S. Exports (Slab)	U. S. Exports (Ore + Concentrate) <sup>3</sup>	U. S. Consumption (Slab) <sup>4</sup>	U. S. Consumption (Ore and Concentrate) <sup>5</sup>
1943		88395	1	740968	104326
1944		19573		806148	128820
1945		7060		773204	118841
1946		42841	81	726876	121563
1947		96769	1274	713374	132449
1948		59454	3218	741837	120656
1949		53260	2654	645771	79832
1950		11718	1034	877369	121563
1951		33121	2803	847284	121422
1952		52357	3057	773632	99134
1953		16301	2679	894418	107269
1954		22674		802223	90035
1955	220	16392		1015877	107170
1956	191	7995	775	915159	102864
1957	174	9784	6	848780	100072
1958	167	1881		787733	86126
1959	199	10550	1	867448	98039
1960	180	68170	12	796403	80082
1961	166	45409	1515	844782	88225
1962	184	32751	123	936053	92154
1963	190	30711	15	1002542	94987
1964	207	24054	35	1095215	96114
1965	247	5388		1228412	111486
1966	252	1276		1291528	114937
1967	224	15249		1134592	103692
1968	250	29947		1225295	112590
1969	279	8435		1256796	114951
1970	240	261		1076785	113199
1971	253	12107		1137664	108185
1972	285	3923		1286705	107325
1973	272	13214		1364350	117617
1974	235	17293		1168178	115315
1975	204	6257		839445	75053
1976	276	3187		1028876	91844
1977	284	215		999505	86490
1978	304	723	10973	1050585	89959
1979	317	279	20095	1000606	79710
1980	274	302	54457	811146	58986
1981	291	323	54232	840875	60643
1982	211	341	77289	795000	35515
1983	279	427	60168	934000	36912
1984	318	760	30579	980000	45487

Table 6. Cont.

Year	U.S. Secondary Production <sup>2</sup>	U. S. Exports (Slab)	U. S. Exports (Ore + Concentrate) <sup>3</sup>	U. S. Consumption (Slab) <sup>4</sup>	U. S. Consumption (Ore and Concentrate) <sup>5</sup>
1985	256	1011	23264	961000	39886
1986	256	1938	3269	999000	19236
1987	269	1082	16921	1052000	2536
1988	248	482	33590	1089000	2412
1989	249	5532	78877	1060000	2107
1990	246	1238	220446	991000	2178
1991	229	1250	382000	933000	
1992	238	565	307000	1040000	
1993	217	1410	311000	1110000	
1994	222	6310	389000	1190000	
1995	222	3060	424000	1230000	
1996	237	1970	425000	1210000	
1997	234	3630	461000	1260000	
1998	292	2000	552000	1290000	
1999	267	1000	531000	1340000	

Table 6. Cont.

Year	U. S. Consumption (All Classes) <sup>6</sup>	World Mine Production <sup>7</sup> (103 m tons)	Price U.S8 (cents/lb)	Price LME9 (cents/lb)
1900	125619	477	4.40	
1901	163727	509	4.10	
1902	179102	547	4.80	
1903	188360	573	5.40	
1904	213463	704	5.10	
1905	235558	739	5.90	
1906	259204	788	6.10	
1907	272538	827	5.80	
1908	244104	810	4.60	
1909	310094	868	5.40	
1910	296733	907	5.40	
1911	330140	1001	5.70	
1912	408701	1070	6.90	
1913	361587	1015	5.60	
1914	364877	876	5.10	
1915	459036	838	14.20	
1916	577969	1010	13.60	
1917	564368	993	8.90	
1918	537589	823	8.00	
1919	475194	659	7.00	
1920	497362	720	7.80	
1921	295881	441	4.70	
1922	513990	686	5.70	
1923	609178	946	6.70	
1924	602735	1003	6.30	
1925	647160	1131	7.66	8
1926	723867	1225	7.37	7
1927	679990	1310	6.25	6
1928	788199	1401	6.03	6
1929	808952	1451	6.49	5
1930	582693	1394	4.56	4
1931	470783	1000	3.64	3
1932	339731	805	2.88	2
1933	453193	983	4.03	3
1934	458948	1168	4.16	3
1935	581967	1332	4.33	3
1936	709871	1461	4.90	3
1937	758104	1621	6.52	5
1938	522944	1568	4.61	3
1939	798679	1635	5.12	3
1940	907883	1621	6.34	5
1941	1086368	1749	7.48	5
1942	1031676	1800	8.25	5

Table 6. Cont.

Year	U. S. Consumption (All Classes) <sup>6</sup>	World Mine Production <sup>7</sup> (103 m tons)	Price U.S8 (cents/lb)	Price LME9 (cents/lb)
1943	1157226	1840	8.25	5
1944	1223677	1625	8.25	5
1945	1191969	1274	8.25	5
1946	1101486	1405	8.73	8
1947	1087273	1580	10.50	13
1948	1114419	1858	13.58	14
1949	900135	1899	12.15	14
1950	1247865	2128	13.88	15
1951	1203002	2290	17.99	21
1952	1099189	2522	16.21	19
1953	1217795	2940	10.86	9
1954	1071106	2930	10.69	10
1955	1332727	3180	12.30	11
1956	1200226	3360	13.49	12
1957	1117283	3420	11.40	10
1958	1036155	3370	10.31	8
1959	1159724	3400	11.46	10
1960	1051371	3620	12.95	11
1961	1095398	3770	11.55	10
1962	1209560	3870	11.63	8
1963	1282956	4036	12.01	10
1964	1393210	4433	13.57	15
1965	1580377	4751	14.50	14
1966	1651088	4960	14.50	13
1967	1456814	5175	13.85	12
1968	1583362	5483	13.50	12
1969	1645785	5483	14.65	13
1970	1425728	5483	15.32	13.36
1971	1497485	5483	16.13	14.08
1972	1672870	5483	17.75	17.13
1973	1752613	5483	20.66	38.55
1974	1517732	5483	35.95	56.13
1975	1117484	5483	38.96	33.76
1976	1394268	5725	37.01	32.38
1977	1367704	5945	34.39	26.71
1978	1441810	5928	30.97	26.88
1979	1394314	5985	37.30	33.59
1980	1142409	5954	37.43	34.47
1981	1189369	5845	44.56	38.34
1982	1038600	6054	38.47	33.74
1983	1246300	6160	41.39	34.73
1984	1344000	6419	48.60	40.46



Table 6. Cont.

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Year	U. S. Consumption (All Classes) <sup>6</sup>	World Mine Production <sup>7</sup> (103 m tons)	Price U.S <sup>8</sup> (cents/lb)	Price LME <sup>9</sup> (cents/lb)
1985	1257000		40.37	36.23
1986	1274000	6675	38.00	34.19
1987	1324000	6985	41.92	36.2
1988	1340000	6781	60.20	53.37
1989	1311000	6839	82.02	77.64
1990	1239000	7150	74.59	66.46
1991	1170000	7270	52.77	50.67
1992	1280000	7260	58.38	56.24
1993	1350000	6960	46.15	43.64
1994	1420000	7050	49.26	45.26
1995	1460000	7280	55.83	46.82
1996	1450000	7480	51.11	46.5
1997	1490000	7540	64.56	59.7
1998	1580000	7680	51.43	46.4
1999	1610000	8040	53.48	48.8

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