

Inorganic Chemicals



U.S. Department of Commerce
BUREAU OF THE CENSUS

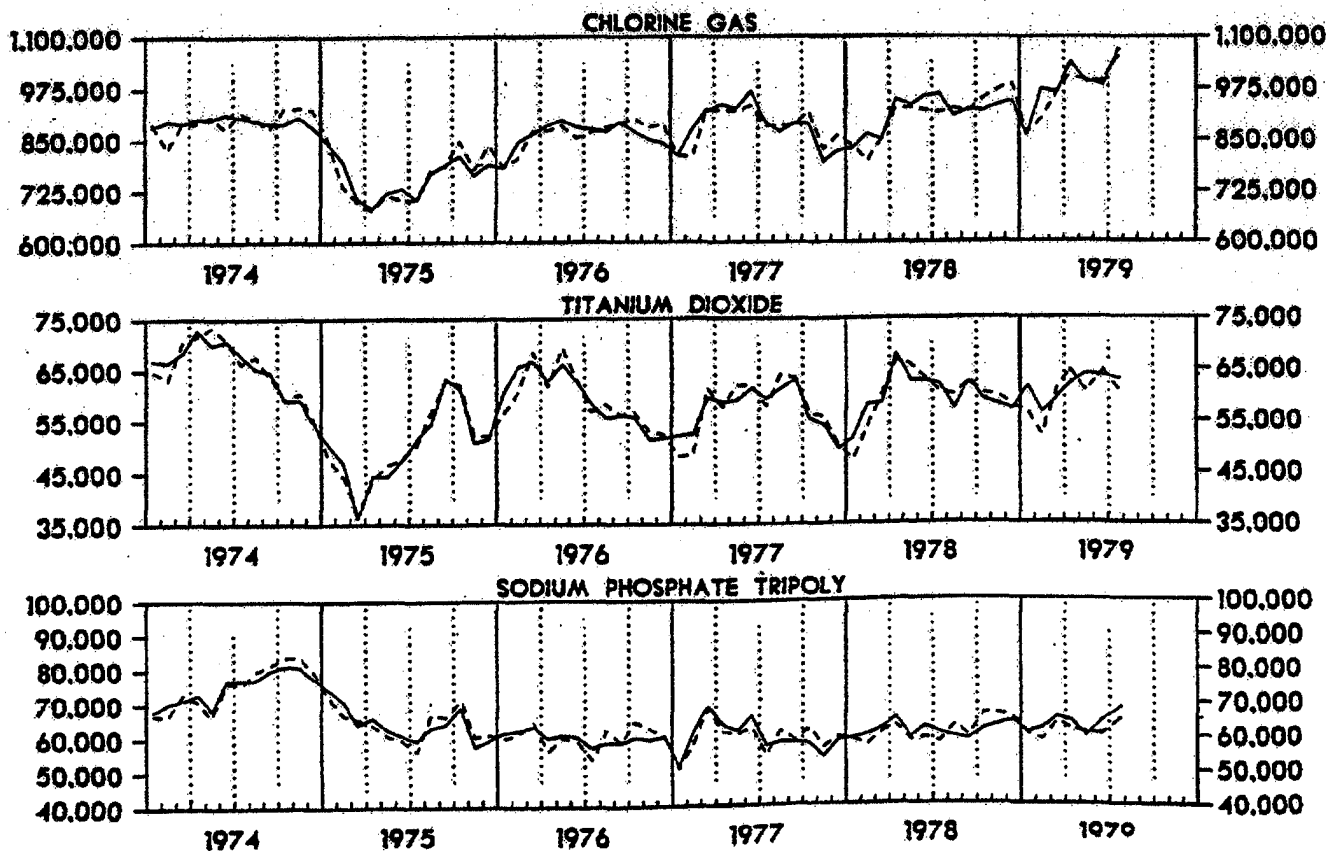
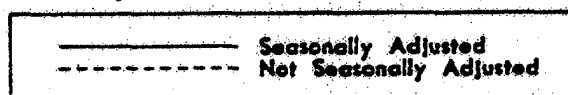
JULY 1979

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The statistics in this publication are based on a survey of manufacturers and represent total U.S. production and stocks of specified inorganic chemicals. Estimates are included for com-

panies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 6.

PRODUCTION OF SELECTED INORGANIC CHEMICALS
1974 TO 1979
(Short tons)



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Lori Schlotterbeck (301) 783-7108.

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Table 2. PRIMARY PRODUCTION AND STOCKS OF SPECIFIED INORGANIC CHEMICALS

(Short tons)

Product code	Chemical and basis	July 1979		June 1979		July 1978	
		Quantity produced	Stocks at producing plants	Quantity produced	Stocks at producing plants	Quantity produced	Stocks at producing plants
	Chlorine and alkalies:						
	Chlorine (100%):						
28121 11	Gas.....	1,055,207	(NA)	1,009,945	(NA)	951,370	(NA)
28121 15	Liquid.....	630,025	(NA)	586,372	(NA)	539,163	(NA)
28124 21	Potassium hydroxide (caustic potash) (88 to 92%), liquid ²	20,849	(NA)	21,969	(NA)	20,741	(NA)
28122 51	Sodium carbonates, natural and synthetic, total ¹	688,540	70,758	732,767	78,346	(D)	(NA)
28122 41							
	Sodium hydroxide (caustic soda) (100%) (all processed):						
28123 10	Liquid ²	1,070,544	(NA)	1,039,135	(NA)	940,775	(NA)
28123 18	Dry (all forms).....	36,291	(NA)	38,771	(NA)	27,899	(NA)
	Acids:						
	Hydrochloric (100%): total.....	273,628	(NA)	252,561	(NA)	237,020	(NA)
28194 41	From salt and acid.....	8,035	(NA)	6,539	(NA)	6,623	(NA)
28194 43	From chlorine and hydrogen.....	11,962	(NA)	14,446	(NA)	17,201	(NA)
28194 47	Byproduct and other.....	253,631	(NA)	231,576	(NA)	213,196	(NA)
	Hydrofluoric (100%):						
28194 61	Produced and withdrawn from system (anhydrous and aqueous)....	14,312	(NA)	17,849	(NA)	14,412	(NA)
28194 66	Produced but not withdrawn from system.....	(D)	(NA)	(D)	(NA)	(D)	(NA)
28194 11	Boric acid, 100% H ₃ BO ₃ , ortho boric acid.....	15,002	6,582	12,801	7,472	14,855	5,489
	Other chemicals:						
28196 17	Aluminum chloride, anhydrous (100%).....	5,829	(NA)	5,235	(NA)	5,069	(NA)
28196 51	Aluminum sulfate (commercial) (17% aluminum oxide) ⁴	104,846	(NA)	95,236	(NA)	98,318	(NA)
28199 12	Calcium carbide (commercial).....	22,581	(NA)	23,105	(NA)	19,221	(NA)
28199 22	Calcium phosphate, dibasic (anhydrous, 100%) ⁵	65,858	32,698	74,284	38,318	57,668	23,191
28199 33	Carbon, activated, decolorizing and water purification grades...	7,764	9,756	8,913	8,462	8,157	10,815
	Chrome colors:						
28163 15	Chrome yellow and orange (C.P.).....	2,608	(NA)	2,654	(NA)	1,941	(NA)
28163 17	Molybdate chrome orange (C.P.).....	934	(NA)	1,077	(NA)	384	(NA)
28199 39	Hydrogen peroxide (100% by weight).....	10,504	(NA)	8,588	(NA)	9,092	(NA)
28199 62	Phosphorus, elemental, white (yellow) and red.....	30,976	7,534	36,897	12,281	39,180	11,390
28199 63	Phosphorus, trichloride (chlorine) (100%).....	8,983	(NA)	10,385	(NA)	8,933	(NA)
28199 64	Phosphorus, oxychloride (100%).....	2,881	(NA)	3,252	(NA)	3,021	(NA)
28199 58	Phosphorus, pentasulfide (100%).....	5,435	(NA)	7,210	(NA)	5,632	(NA)
28197 18	Potassium pyrophosphate (tetra potassium pyrophosphate) (anhydrous, 100%).....	3,469	(NA)	3,016	(NA)	2,777	(NA)
28197 21	Sodium metal (100%).....	12,772	2,166	12,573	1,618	11,499	3,868
28199 29	Sodium bichromate and chromate (hydrous).....	15,254	(NA)	16,539	(NA)	13,871	(NA)
28197 27	Sodium chlorate (100%).....	20,368	8,630	20,316	7,872	20,186	7,880
28197 30	Sodium hydrosulfite (100%).....	(S)	(NA)	(S)	(NA)	(S)	(NA)
	Sodium phosphate:						
28197 34	Tribasic (anhydrous 100%).....	5,045	(NA)	4,586	(NA)	5,669	(NA)
28197 35	Tetrabasic (pyro) (anhydrous 100%).....	2,813	(NA)	4,069	(NA)	3,358	(NA)
28197 36	Meta (100%).....	5,771	(NA)	6,370	(NA)	5,580	(NA)
28197 38	Tripoly (100%).....	65,499	(NA)	60,738	(NA)	57,890	(NA)
28197 41	Sodium silicate (soluble silicate glass liquid and solid) (anhydrous) ⁶	64,579	(NA)	65,777	(NA)	62,090	(NA)
	Sodium sulfate, total (anhydrous 100%).....	102,534	(NA)	95,960	(NA)	96,552	(NA)
28197 61	High purity.....	46,271	(NA)	46,993	(NA)	56,463	(NA)
28197 65	Lower purity (99% or less).....	56,263	(NA)	48,967	(NA)	40,089	(NA)
28197 67	Glauber's salt.....						
28161 13	Titanium dioxide (composite and pure) (100%) ⁷	60,163	58,694	64,376	60,105	63,250	87,539

(D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (S) Withheld because data did not meet publication standards. ¹Revised by 5 percent or more from previously published figures.

²Production includes amount liquefied.

³Liquid production figures represent total production, including quantities later evaporated to solid caustic.

⁴Collected by the Bureau of Mines.

⁵Excludes quantities produced and consumed in municipalities.

⁶Includes animal feed and other grades, but excludes superphosphate or other fertilizer materials.

⁷Excludes amounts produced and consumed in making meta, ortho, and sesquisilicates.

⁸Represents total stocks of producing companies, including amounts held at locations other than producing plants.