

WCC - Chlor-Alkali Industry
Mercury consumption and emissions in kg/year (absolute data)

Production year: 2015									
Country or Area	Hg plants	Capacity	Purchases /Sales	Consumption /Use	Emission with products	Emission to water	Emission to air	Total emissions	Solid waste
	Number	In 1000 t Cl ₂ /y	kg Hg /y (- if sold)	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y
Europe	25	2,486	51,620	17,230	137	89.5	1,469	1,695	48,443
United States of America + Canada + Mexico	4	193	3,002	15,747	64	43	1,281	1389	3,663
India	0	0	0	0	0	0	0	0	0
Brazil + Argentina (1 plant) + Uruguay (1 plant)	6	342	20,286	14,432	34	14	1,844	1,892	2,989
Russia	3	414	23,273	20,814	94	44	471	609	15,433
Total	38	3,435	98,181	68,223	328	191	5,065	5,585	70,528

Production year: 2016									
Country or Area	Hg plants	Capacity	Purchases /Sales	Consumption /Use	Emission with products	Emission to water	Emission to air	Total emissions	Solid waste
	Number	In 1000 t Cl ₂ /y	kg Hg /y (- if sold)	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y	kg Hg /y
Europe	21	2,053	41,360	49,841	234	80	1,081	1,395	43,532
United States of America + Canada + Mexico	4	239	-30,058	17,283	209	62	628	899	2,865
Brazil + Argentina (1 plant) + Uruguay (1 plant)	6	344	18,250	15,298	43	7	1,537	1,588	3,356
Russia	3	414	15,754	1,203	100	45	352	497	6,887
Total	34	3,050	45,306	83,625	587	194	3,598	4,378	56,641

shut-down of plants during 2016			
location (s)	capacity In 1000 t Cl ₂ /y	date	remarks
Mexico Monterrey	22	IIIQ 2016	
Europe UK	277	Q1 2016	
Europe Switzerland	27	Q4 2016	

Space to add comments