



# 2000 Toxics Release Inventory

## HAWAII

### Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	384,677	712,748	1,097,425
Air Emissions	344,337	712,748	1,057,085
Surface Water Discharges	1,224	0	1,224
Underground Injection Class I Wells	5	0	5
Underground Injection Class II-V Wells	7,279	0	7,279
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	31,833	0	31,833
Off-site Releases (Transfers Off-site to Disposal)*	116,487	60,059	176,546
<b>Total On- and Off-site Releases</b>	<b>501,163</b>	<b>772,808</b>	<b>1,273,971</b>
Recycled On-site	0	0	0
Recycled Off-site	3,290	0	3,290
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	837	336	1,173
Treated On-site	273,104	0	273,104
Treated Off-site**	2,361	0	2,361
Quantity Released On- and Off-site***	732,244	769,942	1,502,186
<b>Total Production-related Waste Managed</b>	<b>1,011,836</b>	<b>770,278</b>	<b>1,782,114</b>
<b>Non-production-related Waste Managed</b>	<b>8</b>	<b>0</b>	<b>8</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	183,662	0	183,662
Energy Recovery	837	1,255	2,092
Treatment	2,441	0	2,441
Publicly Owned Treatment Works (POTWs)		0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	154,148	60,059	214,207
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>341,088</b>	<b>61,314</b>	<b>402,402</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

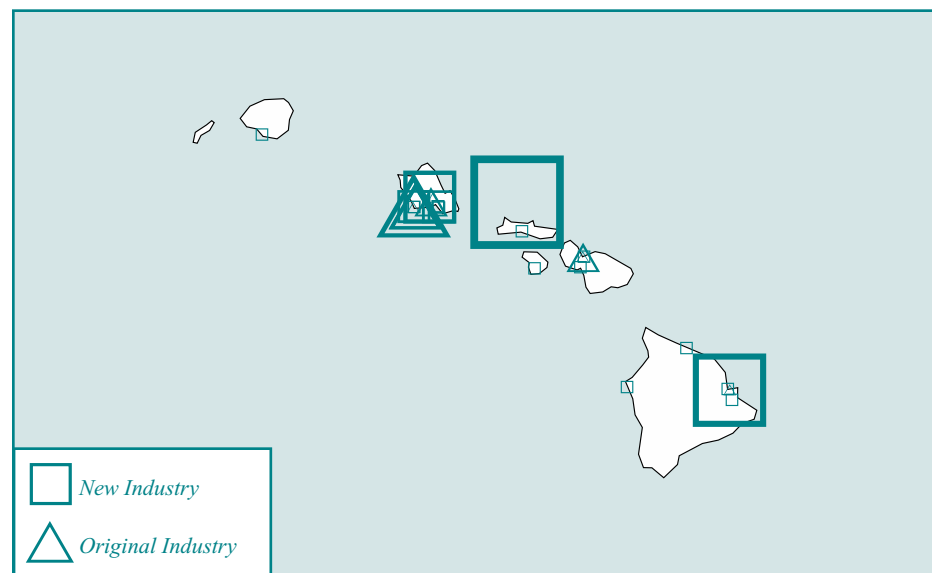
#### State Contact

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San Francisco, CA 94105  
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To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 260-1531  
Fax: (202) 401-2347  
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Hawaii. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	1,212,281
Square Miles	6,423
Total Facilities	30
Total Forms	145
Form As	17

	Original Industry	New Industry	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	51	48	50
Pounds	501,163	772,808	1,273,971
<b>National Rank for Total On-site Releases**</b>			
Rank	51	48	49
Pounds	384,677	712,748	1,097,425
<b>National Rank for Total Releases within State***</b>			
Rank	51	48	50
Pounds	385,519	772,530	1,158,049
<b>National Rank for Production-related Waste Managed</b>			
Rank	52	49	52
Pounds	1,011,836	770,278	1,782,114

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2000 Toxics Release Inventory

## HAWAII

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	310,000	0	0	0	0	310,000	0	0	0
7664-93-9	Sulfuric acid	299,950	0	0	0	0	299,950	0	0	0
1313-27-5	Molybdenum trioxide	0	0	0	0	109,734	109,734	0	0	109,734
—	Nickel compounds	55,023	0	0	0	42,723	97,746	0	750	41,973
110-54-3	n-Hexane	66,058	20	0	0	195	66,273	0	190	5

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	2,571.75	20.00	0.00	0.07	0.00	2,591.82	0.00	0.00	0.00
—	Mercury compounds	39.28	3.50	5.60	0.00	52.14	100.52	0.00	40.65	11.49
191-24-2	Benzo(g,h,i)perylene	0.92	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>4.933</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.960</i>	<i>5.893</i>	<i>0.000</i>	<i>0.960</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

\*\*\* No reports were submitted for these chemicals.



# 2000 Toxics Release Inventory

## HAWAII

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	319,021	0	0	0	0	0	319,021	750	250
Hill Generating Station, Hilo, Hawaii	180,053	0	0	0	0	0	180,053	0	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	160,518	924	0	0	0	0	161,441	690	1
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	107,028	0	0	0	0	0	107,028	0	0
Ball Metal Beverage Container Corp., Kapolei, Honolulu	89,021	0	0	0	0	0	89,021	0	0
Tesoro Hawaii Refy., Kapolei, Honolulu	59,778	0	0	7,279	0	0	67,056	152	153,304
Tosco Honolulu Terminal, Honolulu, Honolulu	50,675	0	0	0	0	0	50,675	0	0
U.S. Navy Pearl Harbor Naval Complex, Pearl Harbor, Honolulu	35,000	0	0	0	0	0	35,000	0	0
Maui Pineapple Co. Ltd., Kahului, Maui	0	0	0	0	0	31,533	31,533	0	0
AES Hawaii Inc., Kapolei, Honolulu	28,133	0	0	0	0	0	28,133	59,031	0

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Maalaea Generating Station, Wailuku, Maui	1,612.00	0.00	0.00	0.00	0.00	0.00	1,612.00	0.00	0.00
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	434.00	0.00	0.00	0.00	0.00	0.00	434.00	0.00	0.00
Hawaiian Electric Light Co. Inc. Keahole Generating Station, Kailua Kona, Hawaii	307.00	0.00	0.00	0.00	0.00	0.00	307.00	0.00	0.00
Maui Electric Co. Ltd. Palaau Generating Station, Kaunakakai, Maui	85.00	0.00	0.00	0.00	0.00	0.00	85.00	0.00	0.00
Maui Electric Co. Ltd. Miki Basin Generating Station, Lanai City, Maui	59.00	0.00	0.00	0.00	0.00	0.00	59.00	0.00	0.00
Hill Generating Station, Hilo, Hawaii	53.00	0.00	0.00	0.00	0.00	0.00	53.00	0.00	0.00
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	28.20	0.00	0.00	0.00	0.00	0.00	28.20	0.00	0.00
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	2.78	23.50	0.00	0.00	0.00	0.00	26.28	0.00	1.00
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	20.81	0.00	0.00	0.00	0.00	0.00	20.81	0.00	0.00
Tesoro Hawaii Refy., Kapolei, Honolulu	5.82	0.00	0.00	5.60	0.00	0.00	11.42	20.25	10.49

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2000 Toxics Release Inventory

## HAWAII

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	0	0	0	0	0	0	320,021	320,021	0
Tesoro Hawaii Refy., Kapolei, Honolulu	0	0	0	0	19,593	31	241,944	261,568	0
Hill Generating Station, Hilo, Hawaii	0	0	0	0	0	0	180,053	180,053	0
U.S. Army Schofield Barracks, Schofield Barracks, Honolulu	0	3,290	0	0	0	0	174,779	178,069	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	0	0	0	480	219,511	2,330	159,958	382,279	8
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	0	0	0	0	0	0	107,028	107,028	0
Ball Metal Beverage Container Corp., Kapolei, Honolulu	0	0	0	7	34,000	0	89,021	123,028	0
AES Hawaii Inc., Kapolei, Honolulu	0	0	0	0	0	0	87,162	87,162	0
Tosco Honolulu Terminal, Honolulu, Honolulu	0	0	0	0	0	0	51,280	51,280	0
U.S. Navy Pearl Harbor Naval Complex, Pearl Harbor, Honolulu	0	0	0	350	0	0	35,000	35,350	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Maalaea Generating Station, Wailuku, Maui	0	0	0	0	0	0	1,612	1,612	0
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	0	0	0	0	0	0	434	434	0
Hawaiian Electric Light Co. Inc. Keahole Generating Station, Kailua Kona, Hawaii	0	0	0	0	0	0	307	307	0
Maui Electric Co. Ltd. Palaau Generating Station, Kaunakakai, Maui	0	0	0	0	0	0	85	85	0
Maui Electric Co. Ltd. Miki Basin Generating Station, Lanai City, Maui	0	0	0	0	0	0	59	59	0
Hill Generating Station, Hilo, Hawaii	0	0	0	0	0	0	53	53	0
Tesoro Hawaii Refy., Kapolei, Honolulu	0	0	0	0	0	0	43	43	0
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	0	0	0	0	0	0	28	28	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	0	0	0	40	0	0	28	68	0
AES Hawaii Inc., Kapolei, Honolulu	0	0	0	0	0	0	21	21	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.