

**Table 5.41-- RELEASE OF TOXICS: 1999 TO 2021**

[In pounds. Release is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal) and the amount transferred off-site for disposal]

	<b>Total</b>	<b>Air</b>	<b>Water</b>	<b>On-site land</b>	<b>Under-ground injection</b>	<b>Off-site</b>
1999	1,681,101	1,584,809	2,721	38,163	5,070	50,338
2000	1,311,611	1,057,090	1,224	31,833	7,284	214,180
2001	3,108,521	2,379,969	29,770	224,400	2,071	472,311
2002	3,695,661	2,495,255	454,684	228,634	2,241	514,846
2003	3,167,753	2,131,958	364,067	249,267	2,670	419,791
2004	3,170,718	2,358,755	296,417	227,720	6,601	281,224
2005	3,105,369	2,310,746	522,217	89,734	2,736	179,935
2006	3,021,488	2,253,130	358,266	174,678	4,743	230,671
2007	3,015,577	2,266,925	446,948	143,011	2,670	156,023
2008	3,245,550	2,277,988	549,838	169,076	3,471	245,176
2009	3,230,824	2,512,126	222,963	147,530	4,477	343,728
2010	2,777,864	2,021,469	452,359	171,221	2,603	130,212
2011	2,871,599	2,120,060	409,370	124,224	3,722	214,223
2012	2,957,277	2,140,557	435,662	181,039	4,508	195,511
2013	2,843,334	1,977,061	441,572	232,261	1,242	191,198
2014	2,926,542	1,821,690	534,190	401,495	7,036	162,131
2015	2,831,202	1,810,416	621,767	224,194	6,346	168,480
2016	3,215,153	2,113,719	522,258	197,012	3,199	378,966
2017	3,061,992	2,001,955	593,620	238,073	1,338	227,006
2018	2,961,904	1,826,598	749,919	160,734	2,297	222,357
2019	2,837,388	1,786,410	626,495	188,274	2,546	233,664
2020	2,554,023	1,632,089	551,214	132,172	4,323	234,225
2021	2,624,126	1,575,039	600,206	175,787	2,698	270,396

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual)  
 <[https://enviro.epa.gov/triexplorer/tri\\_factsheet\\_search.searchfactsheet](https://enviro.epa.gov/triexplorer/tri_factsheet_search.searchfactsheet)> accessed February 1, 2023.