

Table 5.35-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND: 2022 AND 2023

[Starting with the 2021 *Data Book*, data units were changed from STORET numbers and are now categorized by Beaches Environmental Assessment and Coastal Health Identification Numbers (BEACH IDs). Starting with the 2022 *Data Book*, only data from Tier 1 beaches (beaches that are monitored weekly) were included. As such, data from previous editions of the *Data Book* are not comparable]

Island	Number of locations	Number of samples	Enterococci density 1/			
			Lowest 2/	Highest 3/	Number over 4/	Mean 5/
2022						
State total	63	2,224	2.5	15.3	-	3.8
Hawaii	10	430	3.5	15.3	-	6.5
Hilo shoreline	5	195	5.7	15.3	-	10.8
Kona shoreline	5	235	3.5	5.4	-	4.3
Maui	16	527	2.5	6.0	-	3.4
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	25	1,056	2.5	5.1	-	3.1
Kauai	12	211	2.7	10.6	-	4.8
2023						
State total	61	2,344	2.3	14.4	-	4.1
Hawaii	10	455	3.2	13.4	-	6.5
Hilo shoreline	5	207	5.3	13.4	-	9.2
Kona shoreline	5	248	3.2	8.0	-	4.9
Maui	14	429	2.3	7.0	-	3.4
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	25	967	2.4	7.7	-	3.1
Kauai	12	493	2.3	14.4	-	5.1

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2022 and 2023.

2/ The lowest reported average value for 2022 was shared by three beaches: Fleming Beach North on the island of Maui and Makapu'u Beach Co. Park and White Plains Beach on the island of Oahu. The lowest reported average value for 2023 was Launiupoko St. Wayside on the island of Maui.

3/ The highest reported average value for 2022 was Lelewi Beach Co. Park on the Hilo shoreline of the island of Hawaii. The highest reported average value for 2023 was Kalapaki Beach on the island of Kauai.

4/ Refers to number of samples over the geometric mean standard for Enterococci density which was 35 per 100 ml. in 2022 and 2023.

5/ Geometric mean of specified area.

Source: Hawaii State Department of Health, Clean Water Branch, records.