

Table 5.35-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND: 2023 AND 2024

[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/
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
2024						
State total	57	2,109	2.3	15.7	-	3.9
Hawaii	10	444	2.9	15.7	-	6.2
Hilo shoreline	5	217	5.7	15.7	-	9.5
Kona shoreline	5	227	2.9	6.8	-	4.1
Maui	10	378	2.8	5.2	-	3.6
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	25	1,133	2.4	4.9	-	3.3
Kauai 6/	12	154	2.3	12.9	-	4.7

X Not applicable.

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

2/ The lowest reported average value for 2023 was Launiupoko St. Wayside on the island of Maui. The lowest reported average for 2024 was shared by two beaches: Kealia and Salt Pond Beach Co. Park, both on the island of Kauai.

3/ The highest reported average value for 2023 was Kalapaki Beach on the island of Kauai the highest reported average value for 2024 was Honoli'i Beach Co. Park on the Hilo shoreline of the island of Hawaii.

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

5/ Geometric mean of specified area.

6/ There are fewer samples taken for the island of Kauai in 2024 due to staffing issues.

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