

Table 5.35-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND: 2021 AND 2022

[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/
2021						
State total	63	2,294	2.3	23.7	-	3.8
Hawaii	10	451	3.3	11.1	-	5.4
Hilo shoreline	5	160	4.9	11.1	-	8.0
Kona shoreline	5	291	3.3	5.0	-	4.3
Maui	16	491	2.6	7.0	-	3.6
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	25	1,109	2.3	4.5	-	3.1
Kauai	12	243	2.7	23.7	-	4.8
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

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2021 and 2022.

2/ The lowest reported average value for 2021 was shared by three beaches: Ma'ili Beach Co. Park, Makapu'u Beach Co. Park, and Sandy Beach Co. Park on the island of Oahu. 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.

3/ The highest reported average value for 2021 was Kalapaki Beach Park on the island of Kauai. The highest reported average value for 2022 was Leleiwī 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. in 2021 and 2022.

5/ Geometric mean of specified area.

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