

Table 3.27

## Water Quality at Public Beaches by Island in Hawai'i: 2006-2013

Year	Enterococci Density <sup>a</sup>	Island								State Total
		Hawai'i			Maui	Lāna'i	Moloka'i	O'ahu	Kaua'i	
		Hawai'i	Hilo Shoreline	Kona Shoreline						
2006	Highest	20.1	18.1	20.0	6.1	(X)	(X)	80.0	144.9	144.9
	Mean	2.8	6.0	2.0	3.5	(X)	(X)	4.6	6.5	4.6
	Lowest	1.0	0.5	1.0	1.8	(X)	(X)	0.7	0.6	0.5
2007	Highest	4.5	75.0	4.5	22.6	(X)	(X)	475.7	700.0	700.0
	Mean	3.7	4.1	3.2	3.4	(X)	(X)	3.9	4.6	3.8
	Lowest	2.3	2.3	2.3	2.3	(X)	(X)	2.3	2.3	2.3
2008	Highest	64.0	10.6	64.0	4.2	(X)	(X)	137.0	99.9	137.0
	Mean	4.6	4.8	4.1	3.6	(X)	(X)	4.7	5.0	4.5
	Lowest	2.3	2.5	2.3	2.7	(X)	(X)	2.3	2.3	2.3
2009	Highest	24.9	24.9	27.1	43.3	(X)	(X)	138.1	91.8	138.1
	Mean	4.8	5.4	3.8	4.0	(X)	(X)	4.9	7.1	5.0
	Lowest	2.3	2.3	2.3	2.3	(X)	(X)	2.3	2.3	2.3
2010	Highest	13.8	16.9	13.8	103.6	(X)	(X)	7.0	106.3	106.3
	Mean	3.9	5.3	3.9	3.8	(X)	(X)	4.2	6.9	4.7
	Lowest	2.3	2.3	2.3	2.3	(X)	(X)	2.3	2.3	2.3
2011	Highest	26.1	26.1	19.8	57.1	(X)	(X)	64.0	148.3	182.2
	Mean	7.7	9.3	6.1	6.2	(X)	(X)	5.8	10.3	7.4
	Lowest	2.3	2.3	2.3	2.3	(X)	(X)	2.3	2.3	2.3
2012	Highest	46.5	36.7	46.5	14.7	(X)	(X)	17.3	123.4	123.4
	Mean	(NA)	13.2	11.7	12.2	(X)	(X)	12.2	17.6	12.9
	Lowest	10.0	10.0	10.0	5.6	(X)	(X)	10.0	10.0	5.6
2013	Highest	25.0	19.6	25.0	510.4	(X)	(X)	25.5	118.6	510.4
	Mean	12.5	15.1	11.8	12.2	(X)	(X)	11.9	16.9	13.4
	Lowest	10.0	11.0	10.0	5.6	(X)	(X)	10.0	10.3	5.6

<sup>a</sup> Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 7 per 100 ml. in 2009 and 35 per 100 ml. in 2010. (X) Not applicable. (NĀ) Not available.

**Source:** Hawai'i State, Department of Health, Clean Water Branch, records.