

US EPA ARCHIVE DOCUMENT

Appendix C-1. Total Estuarine and Ocean Shoreline Waters in the Nation

Jurisdiction	Estuaries			Ocean Shoreline Waters			Comment
	Total Sq. Miles	Assessed Sq. Miles	Percent Assessed	Total Miles	Assessed Miles	Percent Assessed	
Alabama	610.0	610.0	100%	337	50	15%	
Alaska	33,256.7	236.7	1%	44,226	4	0%	
California	1,007.8	900.0	89%	1,609	919	57%	Estuarine waters include bays and harbors.
Connecticut	612.5	612.5	100%	380	0	0%	
Delaware	811.5	29.5	4%	25	25	100%	
Delaware River	866.0	866.0	100%				The Delaware River Basin Commission includes 25 sq. mi. of tidal freshwater in their estimate of 866 estuarine sq. mi.
District of Columbia	6.1	5.9	97%				
Florida	4,298.0	1,419.0	33%	8,460	0	0%	
Georgia	854.0	854.0	100%	100	0	0%	
Guam	1.4	0.0	0%	117	14	12%	
Hawaii	54.8	54.8	100%	1,052	884	84%	
Interstate Sanitation Commission	991.9	991.9	100%				The estuarine square mileage presented here is an estimate. The ISC is working to refine it for future 305(b) reports.
Louisiana	7,656.0	3,043.5	40%	397	0	0%	
Maine	2,851.6	2,851.6	100%	5,249		0%	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland	2,522.4	2,465.7	98%	32	32	100%	
Massachusetts	2,727.5	217.4	8%	1,519	0	0%	Massachusetts reports on "marine waters," which include harbors, bays, estuaries, and open ocean waters. However, open ocean waters are generally excluded from assessments.
Mississippi	760.0	211.8	28%	245	134	55%	
N Mariana Islands	15,975.4	0.0	0%	52	1	2%	These values are for Saipan only. They do not include the other 16 islands of the Commonwealth.
New Hampshire	28.2	28.2	100%	18	18	100%	
New Jersey	614.0	614.0	100%	127	127	100%	
New York	1,530.0	1,530.0	100%	120	120	100%	
North Carolina	3,122.0	3,122.0	100%	320	0	0%	
Oregon	206.0	53.7	26%	362	0	0%	
Puerto Rico				550	550	100%	Puerto Rico assessed estuarine use support in linear miles rather than square miles.
Rhode Island	152.0	151.6	100%	79	79	100%	
South Carolina	682.0	221.1	32%	190	0	0%	
Texas	1,991.6	1,991.6	100%	624			Texas assessed coastal waters in square miles rather than coastal miles.
Virgin Islands	920.5	727.2	79%	173	173	100%	
Virginia	2,451.0	2,418.1	99%	120	0	0%	
Washington	2,903.9	2,459.5	85%	163	0	0%	
Total	90,464.7	28,687.2	32%	66,645	3,130	5%	

Appendix C-2. Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Full Support - Evaluated	Full Support - Monitored	Full Support - Not Specified	Full Support - Total	Threatened - Evaluated	Threatened - Monitored	Threatened - Not Specified	Threatened - Total	Impaired - Evaluated	Impaired - Monitored	Impaired - Not Specified	Impaired - Total
Alabama	0.0	192.0	0.0	192.0	0.0	0.0	0.0	0.0	0.0	418.0	0.0	418.0
Alaska	0.1	1.9	0.0	2.0				0.0	211.4	23.3	0.0	234.7
California	19.5	217.0	0.0	236.5	18.9	2.8	0.0	21.7	36.4	605.4	0.0	641.8
Connecticut	25.9	124.0	0.0	149.9	0.0	0.0	0.0	0.0	58.5	404.1	0.0	462.6
Delaware	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	29.5
Delaware River	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	866.0	0.0	0.0	866.0
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	5.9
Florida	0.0	873.8	0.0	873.8	0.0	0.0	0.0	0.0	0.0	545.2	0.0	545.2
Georgia	445.0	10.0	0.0	455.0				0.0	177.0	222.0	0.0	399.0
Guam				0.0				0.0				0.0
Hawaii	0.0	23.7	0.0	23.8	0.0	0.4	0.0	0.4	0.9	29.7	0.0	30.6
Interstate Sanitation Commission			466.2	466.2			0.0	0.0			525.7	525.7
Louisiana	1.5	22.0	0.0	23.5	287.0	0.0	0.0	287.0	1,872.0	861.0	0.0	2,733.0
Maine	0.0	2,473.4	0.0	2,473.4	0.0	0.0	0.0	0.0	0.0	378.2	0.0	378.2
Maryland	0.0	1,243.3	0.0	1,243.3				0.0	0.0	1,222.4	0.0	1,222.4
Massachusetts	70.3	0.0	0.0	70.3	0.0	0.0	0.0	0.0	139.7	7.3	0.0	147.1
Mississippi	0.0	17.6	0.0	17.6	0.8	136.6	0.0	137.4	0.6	56.2	0.0	56.8
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0				0.0	0.0	28.2	0.0	28.2
New Jersey	0.0	0.0	0.0	0.0	0.0	458.0	0.0	458.0	0.0	156.0	0.0	156.0
New York			1,120.0	1,120.0			0.6	0.6			409.6	409.6
North Carolina			2,693.0	2,693.0			246.0	246.0			183.0	183.0
Oregon	0.0	7.5	0.0	7.5	0.0	11.2	0.0	11.2	0.0	35.0	0.0	35.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.4	1.0	0.0	1.4	0.3	45.7	0.0	46.1	5.1	99.1	0.0	104.1
South Carolina	0.0	137.6	0.0	137.6				0.0	0.0	83.5	0.0	83.5
Texas	0.0	1,243.1	0.0	1,243.1	0.0	0.0	0.0	0.0	0.0	748.5	0.0	748.5
Virgin Islands	527.9	0.0	0.0	527.9	198.4	0.0	0.0	198.4	0.0	0.9	0.0	0.9
Virginia	39.3	583.2	0.0	622.5	0.1	1,358.7	0.0	1,358.8	1.8	435.0	0.0	436.8
Washington	0.0	859.2	0.0	859.2				0.0	0.0	1,600.3	0.0	1,600.3
Total	1,129.9	8,030.3	4,279.2	13,439.4	505.6	2,013.4	246.6	2,765.6	3,369.4	7,994.8	1,118.3	12,482.4
	4%	28%	15%	47%	2%	7%	1%	10%	12%	28%	4%	44%

Appendix C-2. Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Estuaries

Jurisdiction	Not Attainable - Evaluated	Not Attainable - Monitored	Not Attainable - Not Specified	Not Attainable - Total	Total Evaluated	Total Monitored	Total Unspecified	Total Assessed	Comment
Alabama				0.0	0.0	610.0	0.0	610.0	
Alaska				0.0	211.5	25.2	0.0	236.7	State reported overall use support status. Alaska's assessment data is biased towards those waters with known impairment; efforts are underway to assess other waters across the state.
California				0.0	74.8	825.2	0.0	900.0	
Connecticut	0.0	0.0	0.0	0.0	84.4	528.0	0.0	612.5	State reported overall use support status. Excludes the effect of a statewide fish consumption advisory for PCBs. The advisory is specific to striped bass and bluefish.
Delaware				0.0	0.0	29.5	0.0	29.5	
Delaware River				0.0	866.0	0.0	0.0	866.0	
District of Columbia				0.0	0.0	5.9	0.0	5.9	
Florida				0.0	0.0	1,419.0	0.0	1,419.0	State reported overall use support status.
Georgia				0.0	622.0	232.0	0.0	854.0	
Guam				0.0	0.0	0.0	0.0	0.0	
Hawaii				0.0	0.9	53.8	0.0	54.8	
Interstate Sanitation Commission				0.0	0.0	0.0	991.9	991.9	Entered fish consumption use support data in lieu of summary use support data.
Louisiana				0.0	2,160.5	883.0	0.0	3,043.5	
Maine				0.0	0.0	2,851.6	0.0	2,851.6	Excludes the effect of a statewide consumption advisory for lobster tomalley due to dioxin and PCB contamination.
Maryland				0.0	0.0	2,465.7	0.0	2,465.7	
Massachusetts				0.0	210.0	7.3	0.0	217.4	
Mississippi	0.0	0.0	0.0	0.0	1.4	210.4	0.0	211.8	
N Mariana Islands				0.0	0.0	0.0	0.0	0.0	
New Hampshire	0.0	0.0	0.0	0.0	0.0	28.2	0.0	28.2	
New Jersey				0.0	0.0	614.0	0.0	614.0	Entered shellfishing use support data in lieu of summary use support data.
New York				0.0	0.0	0.0	1,530.2	1,530.2	
North Carolina				0.0	0.0	0.0	3,122.0	3,122.0	
Oregon				0.0	0.0	53.7	0.0	53.7	
Puerto Rico				0.0	0.0	0.0	0.0	0.0	Puerto Rico reported linear miles of estuarine use support rather than square miles. Of the 175.4 miles assessed, 15.2% fully support all uses, 84% are threatened for one or more uses, and 0.8% are impaired for one or more uses.
Rhode Island	0.0	0.0	0.0	0.0	5.8	145.8	0.0	151.6	
South Carolina				0.0	0.0	221.1	0.0	221.1	South Carolina included the effects of a statewide fish consumption advisory for mercury in those basins assessed during 1996 and 1997, but did not for those basins assessed previously.
Texas	0.0	0.0	0.0	0.0	0.0	1,991.6	0.0	1,991.6	
Virgin Islands				0.0	726.3	0.9	0.0	727.2	State reported overall use support status.
Virginia				0.0	41.3	2,376.9	0.0	2,418.1	
Washington				0.0	0.0	2,459.5	0.0	2,459.5	State reported overall use support status.
Total	0.0	0.0	0.0	0.0	5,004.8	18,038.5	5,644.1	28,687.4	
	0%	0%	0%	0%	17%	63%	20%		

Appendix C-3a. Aquatic Life Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	610.0	0.0	0.0	0.0	0.0	610.0	
Alaska						0.0	
California	236.3	3.3	583.3	47.0		869.9	
Connecticut	368.0	0.0	185.2	59.3	0.0	612.5	
Delaware	0.0		0.0	29.0		29.0	
Delaware River	36.0	96.0	49.0	35.0		216.0	
District of Columbia	3.5	0.0	2.5	0.0		5.9	
Florida	268.5	0.0	273.1	59.5		601.1	
Georgia	753.0		99.0	2.0		854.0	
Guam						0.0	
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	
Interstate Sanitation Commission	69.0	33.3	10.7	6.0	0.0	119.0	
Louisiana	321.5	0.0	2,555.0	92.0		2,968.5	
Maine	2,851.1	0.0	0.5	0.0		2,851.6	
Maryland	1,357.3		1,100.0	2.1		2,459.4	
Massachusetts	62.9	1.0	22.4	48.3	0.0	134.5	
Mississippi	20.7	158.4	20.3	0.0	0.0	199.4	
N Mariana Islands						0.0	
New Hampshire	27.8		0.4	0.0	0.0	28.2	
New Jersey						0.0	
New York	1,515.1	0.3	14.2	0.4		1,530.0	
North Carolina						0.0	
Oregon						0.0	
Puerto Rico						0.0	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island	99.4	26.9	14.3	11.0		151.5	
South Carolina	151.2		35.9	34.0		221.1	
Texas	1,769.8	0.0	126.5	17.6	0.0	1,913.9	
Virgin Islands	527.9	198.4	0.9	0.0		727.2	
Virginia	173.0	1,965.0	237.0	65.0		2,440.0	
Washington	963.2		1,236.3	704.3		2,903.8	
Total	12,185.2	2,482.6	6,566.4	1,212.4	0.0	22,446.5	
	54%	11%	29%	5%	0%		

Appendix C-3b. Fish Consumption Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	610.0	0.0	0.0	0.0	0.0	610.0	
Alaska						0.0	
California	263.7	20.9	571.5	23.9		879.9	
Connecticut	612.5	0.0	0.0	0.0	0.0	612.5	Excludes the effect of a statewide fish consumption advisory for PCBs. The advisory is specific to striped bass and bluefish.
Delaware						0.0	
Delaware River	0.0	0.0	803.0	63.0		866.0	
District of Columbia	0.0	0.0	0.0	5.9		5.9	
Florida	0.0	0.0	319.3	0.0		319.3	
Georgia	833.0		0.0	21.0		854.0	
Guam						0.0	
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	
Interstate Sanitation Commission	466.2	0.0	495.9	29.8	0.0	991.9	
Louisiana						0.0	
Maine	0.0	0.0	2,851.6	0.0		2,851.6	
Maryland	2,445.4		19.9	0.0		2,465.3	
Massachusetts	0.0	0.0	0.0	45.5	0.0	45.5	
Mississippi	21.4	28.5	0.0	0.0	0.0	49.9	
N Mariana Islands						0.0	
New Hampshire	0.0		28.2	0.0	0.0	28.2	
New Jersey						0.0	
New York	1,413.2	0.0	116.8	0.0		1,530.0	
North Carolina						0.0	
Oregon						0.0	
Puerto Rico						0.0	Category not applicable.
Rhode Island						0.0	
South Carolina						0.0	
Texas	610.7	0.0	0.0	37.1	0.0	647.8	
Virgin Islands	50.6	0.0	0.0	0.0		50.6	
Virginia	2,213.0	239.0	0.0	0.0		2,452.0	
Washington						0.0	
Total	9,539.6	288.4	5,206.3	226.1	0.0	15,260.4	
	63%	2%	34%	1%	0%		

Appendix C-3c. Shellfishing Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	79.0	0.0	418.0	0.0	0.0	497.0	
Alaska						0.0	
California	267.1	20.6	452.0	9.1		748.8	
Connecticut	287.3	0.0	0.0	319.3	0.0	606.6	
Delaware	0.6		29.0	0.0		29.5	
Delaware River	582.0	0.0	35.0	62.0		679.0	
District of Columbia						0.0	
Florida	605.3	0.0	212.6	0.0		817.9	
Georgia	455.0		0.0	395.0		850.0	
Guam						0.0	
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	
Interstate Sanitation Commission	416.6	0.0	277.7	297.6	0.0	991.9	
Louisiana	316.0	0.0	67.0	75.0		458.0	
Maine	2,473.4	0.0	49.1	329.1		2,851.6	
Maryland	1,687.6		71.2	79.7		1,838.5	
Massachusetts						0.0	
Mississippi	14.6	2.3	26.2	0.0	0.0	43.1	
N Mariana Islands						0.0	
New Hampshire	0.0		11.9	16.3	0.0	28.2	
New Jersey	0.0	458.0	113.0	43.0		614.0	
New York	1,367.0	0.0	6.1	156.9		1,530.0	
North Carolina						0.0	
Oregon	3.7	0.0	51.8	0.0		55.5	
Puerto Rico	0.0	0.0	0.0	0.0	0.0	0.0	
Rhode Island	91.5	7.2	20.5	5.5		124.8	
South Carolina	620.7		153.9	112.4		886.9	
Texas	1,165.5	0.0	430.9	303.6	0.0	1,900.0	
Virgin Islands						0.0	Category not applicable.
Virginia	2,073.0	3.0	116.0	24.0		2,216.0	
Washington	285.2		82.7	76.5		444.4	
Total	12,791.1	491.1	2,624.5	2,304.9	0.0	18,211.7	
	70%	3%	14%	13%	0%		

Appendix C-3d. Swimming Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	583.0	0.0	0.0	0.0	0.0	583.0	
Alaska						0.0	
California	270.4	2.8	507.0	4.6		784.7	
Connecticut	592.3	0.0	6.2	14.0	0.0	612.5	
Delaware	12.0		13.0	4.5		29.5	
Delaware River	193.0	8.0	0.0	0.0		201.0	
District of Columbia	0.0	0.0	0.0	5.9		5.9	
Florida	268.5	0.0	273.1	59.5		601.1	
Georgia	850.0		4.0	0.0		854.0	
Guam						0.0	
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	
Interstate Sanitation Commission	843.1	9.9	0.0	138.9	0.0	991.9	
Louisiana	588.5	385.0	9.0	623.0		1,605.5	
Maine	2,847.7	0.0	3.9	0.0		2,851.6	
Maryland	2,462.5		0.3	2.5		2,465.3	
Massachusetts	92.6	0.0	76.0	13.5	0.0	182.1	
Mississippi	219.2	94.8	25.1	0.0	0.0	339.1	
N Mariana Islands						0.0	
New Hampshire	28.2		0.0	0.0	0.0	28.2	
New Jersey	0.1		0.0	0.0		0.1	
New York	1,430.3	0.0	94.7	5.0		1,530.0	
North Carolina						0.0	
Oregon	24.9	0.0	0.0	0.0		24.9	
Puerto Rico						0.0	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island	116.3	21.9	11.3	2.2		151.6	
South Carolina	197.2		11.5	12.5		221.1	
Texas	1,924.6	0.0	1.8	5.3	0.0	1,931.7	
Virgin Islands	5.7	0.0	0.0	0.0		5.7	
Virginia	2,281.0	9.0	16.0	3.0		2,309.0	
Washington	2,875.0		14.4	14.7		2,904.1	
Total	18,705.9	531.4	1,067.2	909.1	0.0	21,213.6	
	88%	3%	5%	4%	0%		

Appendix C-3e. Secondary Contact Use Support in Assessed Estuaries

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	610.0	0.0	0.0	0.0	0.0	610.0	
Alaska						0.0	
California	278.5	2.7	576.1	3.7		860.9	
Connecticut						0.0	
Delaware	29.0		0.0	0.0		29.0	
Delaware River	206.0	8.0	0.0	0.0		214.0	
District of Columbia	0.0	0.0	5.1	0.8		5.9	
Florida	268.5	0.0	273.1	59.5		601.1	
Georgia	854.0		0.0	0.0		854.0	
Guam						0.0	
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	
Interstate Sanitation Commission	991.9	0.0	0.0	0.0	0.0	991.9	
Louisiana	590.5	385.0	630.0	0.0		1,605.5	
Maine						0.0	
Maryland						0.0	
Massachusetts	163.0	0.4	9.2	9.5	0.0	182.1	
Mississippi	0.0	1.0	10.3	0.0	0.0	11.3	
N Mariana Islands						0.0	
New Hampshire	28.2		0.0	0.0	0.0	28.2	
New Jersey						0.0	
New York	1,514.2	0.2	15.6	0.0		1,530.0	
North Carolina						0.0	
Oregon	24.9	0.0	0.0	0.0		24.9	
Puerto Rico						0.0	Puerto Rico reported linear miles of estuarine use support rather than square miles.
Rhode Island						0.0	
South Carolina						0.0	
Texas						0.0	
Virgin Islands	50.6	0.0	0.0	0.0		50.6	
Virginia						0.0	
Washington	2,869.1		23.2	11.6		2,903.9	
Total	8,478.3	397.3	1,542.6	85.1	0.0	10,503.3	
	81%	4%	15%	1%	0%		

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	1 - Pathogens				2 - Organic Enrichment/Low DO				3 - Metals			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	418.0	0.0	0.0	418.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska				0.0			12.0	12.0			2.3	2.3
California	8.3	15.5	0.0	23.9	0.2	3.4	0.0	3.6	114.4	460.2	0.0	574.5
Connecticut	316.8	13.9	0.0	330.7	50.2	173.2	0.0	223.4	0.3	6.3	0.0	6.6
Delaware	10.2	12.0	0.0	22.2	22.2	3.0	0.0	25.2				0.0
Delaware River	0.0	97.0	0.0	97.0	0.0	49.0	0.0	49.0	0.0	14.0	0.0	14.0
District of Columbia	0.8	5.1	0.0	5.9	0.3	0.5	0.0	0.8				0.0
Florida				0.0				0.0	0.0	77.6	0.0	77.6
Georgia	302.0	97.0	0.0	399.0	0.0	95.0	0.0	95.0	0.0	2.0	0.0	2.0
Guam				0.0				0.0				0.0
Hawaii	0.0	15.7	0.0	15.7	0.0	1.7	0.0	1.7	0.0	4.5	0.0	4.5
Interstate Sanitation Commission			949.6	949.6			9.1	9.1				0.0
Louisiana	75.0	1,084.0	0.0	1,159.0	0.0	712.0	0.0	712.0	0.0	2,580.0	0.0	2,580.0
Maine	329.1	49.1	0.0	378.2	1.4	0.0	0.0	1.4				0.0
Maryland	151.4	0.0	0.0	151.4	1,066.3	0.0	0.0	1,066.3	0.0	42.5	0.0	42.5
Massachusetts	0.0	0.0	142.9	142.9	0.0	0.0	39.6	39.6	0.0	0.0	35.8	35.8
Mississippi	0.0	36.5	0.0	36.5	0.0	27.7	0.0	27.7	0.0	29.7	0.0	29.7
N Mariana Islands				0.0				0.0				0.0
New Hampshire	16.3	0.5	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4
New Jersey			156.0	156.0				0.0				0.0
New York			262.8	262.8			14.9	14.9				0.0
North Carolina	54.0	0.0	0.0	54.0	28.0	0.0	0.0	28.0				0.0
Oregon	0.0	26.4	0.0	26.4				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	22.6	22.0		44.6	10.7	12.9	0.0	23.6	0.0	9.3	0.0	9.3
South Carolina	12.5	11.5	0.0	24.0	19.5	35.9	0.0	55.5	14.5	0.0	0.0	14.5
Texas	229.4	397.6	0.0	627.0	0.0	127.2	0.0	127.2	29.8	8.0	0.0	37.8
Virgin Islands	0.0	0.0	0.2	0.2	0.0	0.0	0.9	0.9				0.0
Virginia	33.8	124.5	0.0	158.3	64.5	218.4	0.0	282.9	0.0	0.1	0.0	0.1
Washington	0.0	0.0	418.6	418.6	0.0	0.0	2,384.8	2,384.8				0.0
Total	1,980.2	2,008.4	1,930.1	5,918.7	1,263.3	1,460.0	2,461.3	5,184.6	159.0	3,234.5	38.0	3,431.5

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	4 - Nutrients				5 - Mercury				6 - Thermal Modifications			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0
Alaska			4.9	4.9				0.0				0.0
California	2.6	21.9	0.0	24.5	75.0	418.6	0.0	493.6	0.0	10.4	0.0	10.5
Connecticut	217.7	13.9	0.0	231.5				0.0				0.0
Delaware	22.2	3.0	0.0	25.2				0.0				0.0
Delaware River				0.0	0.0	14.0	0.0	14.0				0.0
District of Columbia				0.0				0.0				0.0
Florida	0.0	487.7	0.0	487.7				0.0				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii	0.6	27.0	0.0	27.6				0.0	0.0	0.4	0.0	0.4
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana	0.0	964.0	0.0	964.0	0.0	2,290.0	0.0	2,290.0				0.0
Maine				0.0				0.0				0.0
Maryland	0.0	1,071.2	0.0	1,071.2				0.0				0.0
Massachusetts	0.0	0.0	16.7	16.7				0.0				0.0
Mississippi	0.0	22.6	0.0	22.6				0.0	0.0	2.2	0.0	2.2
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.0	4.2	0.0	4.2				0.0	8.9	0.0	0.0	8.9
South Carolina				0.0				0.0				0.0
Texas				0.0	24.0	8.0	0.0	32.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0				0.0	0.0	0.0	0.0	0.0
Washington				0.0				0.0	0.0	0.0	2,199.9	2,199.9
Total	243.0	2,615.4	21.6	2,880.0	99.0	2,730.6	0.0	2,829.6	8.9	13.0	2,199.9	2,221.8

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	7 - Phosphorus				8 - PCBs				9 - Copper			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0.0				0.0				0.0
Alaska			4.9	4.9				0.0				0.0
California				0.0	1.1	418.6	0.0	419.7	0.0	238.9	0.0	238.9
Connecticut				0.0				0.0				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0	866.0	0.0	0.0	866.0				0.0
District of Columbia				0.0				0.0				0.0
Florida	0.0	396.1	0.0	396.1				0.0	0.0	20.1	0.0	20.1
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana	0.0	964.0	0.0	964.0				0.0	0.0	856.0	0.0	856.0
Maine				0.0				0.0				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0				0.0				0.0
Mississippi				0.0				0.0				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	28.2	0.0	28.2	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island				0.0	0.0	1.0	0.0	1.0				0.0
South Carolina				0.0				0.0				0.0
Texas				0.0				0.0	8.0	8.0	0.0	16.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0	0.0	0.0	0.0	0.0				0.0
Washington				0.0				0.0				0.0
Total	0.0	1,360.1	4.9	1,365.0	867.1	447.8	0.0	1,314.9	8.0	1,123.0	0.0	1,131.0

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	10 - Nitrogen				11 - Priority Organic Chemicals				12 - Pesticides			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska				0.0				0.0				0.0
California				0.0	1.3	479.7	0.0	481.0	16.4	344.1	0.0	360.5
Connecticut				0.0	0.4	12.9	0.0	13.4				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0	6.0	2.0	0.0	8.0	25.0	0.0	0.0	25.0
District of Columbia				0.0	0.0	0.8	0.0	0.8	0.0	0.8	0.0	0.8
Florida	0.0	146.6	0.0	146.6				0.0				0.0
Georgia				0.0	0.0	2.0	0.0	2.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0	0.0	1.4	0.0	1.4
Interstate Sanitation Commission				0.0			47.6	47.6				0.0
Louisiana	0.0	964.0	0.0	964.0				0.0				0.0
Maine				0.0				0.0				0.0
Maryland				0.0	0.0	38.5	0.0	38.5	19.9	0.0	0.0	19.9
Massachusetts				0.0	0.0	0.0	41.0	41.0				0.0
Mississippi				0.0	0.0	10.9	0.0	10.9				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0			127.3	127.3				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island				0.0				0.0				0.0
South Carolina				0.0	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.2
Texas				0.0	22.0	0.0	0.0	22.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0	0.0	13.2	0.0	13.2				0.0
Washington				0.0				0.0				0.0
Total	0.0	1,110.6	0.0	1,110.6	29.9	560.0	215.8	805.8	61.5	346.3	0.0	407.8

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	13 - Selenium				14 - pH				15 - Other Habitat Alterations			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska				0.0				0.0				0.0
California	0.0	396.1	0.0	396.1	0.0	0.0	0.0	0.0	19.3	224.8	0.0	244.1
Connecticut				0.0				0.0				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0				0.0				0.0
District of Columbia				0.0	0.0	5.1	0.0	5.1				0.0
Florida	0.0	3.1	0.0	3.1				0.0				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana				0.0				0.0	0.0	91.0	0.0	91.0
Maine				0.0				0.0				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0				0.0				0.0
Mississippi				0.0	0.0	51.8	0.0	51.8				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island				0.0				0.0				0.0
South Carolina				0.0	0.0	0.8	0.0	0.8				0.0
Texas				0.0				0.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0	0.0	5.2	0.0	5.2	0.0	0.0	0.0	0.0
Washington				0.0	0.0	0.0	287.0	287.0				0.0
Total	0.0	399.2	0.0	399.2	0.0	63.0	287.0	350.0	19.3	315.8	0.0	335.1

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	16 - Flow Alterations				17 - Lead				18 - Exotic Species			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0
Alaska				0.0				0.0				0.0
California	0.5	237.6	0.0	238.1	1.1	239.0	0.0	240.1	0.0	228.8	0.0	228.8
Connecticut				0.0				0.0				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0				0.0				0.0
District of Columbia				0.0				0.0				0.0
Florida				0.0	0.0	60.6	0.0	60.6				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana	0.0	91.0	0.0	91.0				0.0				0.0
Maine				0.0				0.0				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0				0.0				0.0
Mississippi				0.0				0.0				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island				0.0				0.0				0.0
South Carolina				0.0				0.0				0.0
Texas				0.0				0.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0				0.0				0.0
Washington				0.0				0.0			0.0	0.0
Total	0.5	328.6	0.0	329.1	1.1	299.6	0.0	300.7	0.0	228.8	0.0	228.8

Appendix C-4. Leading Pollutants and Stressors Impairing Assessed Estuaries

Jurisdiction	19 - Arsenic				20 - Unknown Toxicity				Comment
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	
Alabama				0.0	0.0	0.0	0.0	0.0	
Alaska				0.0				0.0	
California	0.0	163.4	0.0	163.4	0.3	117.1	0.0	117.5	Excessive algal growth caused minor impairments to <<1 square mile of estuarine waters.
Connecticut				0.0	0.0	6.7	0.0	6.7	Connecticut notes that all 612.46 assessed estuarine sq. miles are impaired by PCBs due to a statewide fish consumption advisory. The advisory is specific to striped bass and bluefish.
Delaware				0.0				0.0	
Delaware River				0.0				0.0	
District of Columbia				0.0				0.0	
Florida	0.0	20.1	0.0	20.1				0.0	
Georgia				0.0				0.0	
Guam				0.0				0.0	
Hawaii				0.0				0.0	
Interstate Sanitation Commission				0.0				0.0	
Louisiana				0.0				0.0	
Maine				0.0				0.0	Excludes the effect of a statewide consumption advisory for lobster tomalley due to dioxin and PCB contamination.
Maryland				0.0				0.0	Pfiesteria or Pfiesteria-like microorganisms affected 2.1 square miles.
Massachusetts				0.0				0.0	
Mississippi				0.0	0.0	41.2	0.0	41.2	
N Mariana Islands				0.0				0.0	
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
New Jersey				0.0				0.0	Pathogens are the primary cause of shellfish harvesting restrictions in New Jersey. New Jersey notes that their cause and source assessment is preliminary and these numbers will be updated in the near future.
New York				0.0				0.0	
North Carolina				0.0				0.0	
Oregon				0.0				0.0	
Puerto Rico				0.0				0.0	Puerto Rico reported linear miles of estuarine causes rather than square miles. The identified causes were metals and pathogens.
Rhode Island				0.0	0.0	0.0	0.0	0.0	
South Carolina				0.0				0.0	
Texas				0.0				0.0	
Virgin Islands				0.0				0.0	
Virginia				0.0				0.0	
Washington				0.0				0.0	
Total	0.0	183.5	0.0	183.5	0.4	165.0	0.0	165.4	

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	1 - Natural Sources				2 - Municipal Point Sources				3 - Urban Runoff/Point Sources			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	418.0	0.0	418.0	0.0	418.0	0.0	418.0	0.0	418.0	0.0	418.0
Alaska				0.0				0.0			10.9	10.9
California	0.0	430.5	0.0	430.5	0.0	482.5	0.0	482.5	22.6	377.4	0.0	400.0
Connecticut	0.0	297.8	0.0	297.8	321.3	100.5	0.0	421.7	6.3	456.2	0.0	462.5
Delaware	0.0	3.0	0.0	3.0	0.0	22.2	0.0	22.2				0.0
Delaware River				0.0	25.0	59.0	0.0	84.0	8.0	76.0	0.0	84.0
District of Columbia	0.0	3.4	0.0	3.4	3.1	0.0	0.0	3.1	0.8	5.1	0.0	5.9
Florida				0.0	0.0	278.5	0.0	278.5	0.0	233.7	0.0	233.7
Georgia				0.0	2.0	129.0	0.0	131.0	0.0	131.0	0.0	131.0
Guam				0.0				0.0				0.0
Hawaii	2.2	30.7	0.0	32.9				0.0	0.2	28.3	0.0	28.5
Interstate Sanitation Commission				0.0			307.6	307.6			103.2	103.2
Louisiana	0.0	983.0	0.0	983.0	0.0	235.0	0.0	235.0	0.0	781.0	0.0	781.0
Maine				0.0	3.3	0.0	0.0	3.3	0.0	49.1	0.0	49.1
Maryland	1,077.4	0.0	0.0	1,077.4	31.9	6.6	0.0	38.5	6.6	15.1	0.0	21.7
Massachusetts				0.0	0.0	0.0	70.4	70.4	0.0	0.0	101.1	101.1
Mississippi	0.0	130.1	0.0	130.1	0.0	36.5	0.0	36.5	0.0	115.9	0.0	115.9
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey			47.0	47.0			3.0	3.0			47.0	47.0
New York				0.0			28.7	28.7			109.3	109.3
North Carolina				0.0				0.0				0.0
Oregon				0.0	0.0	56.2	0.0	56.2	0.0	31.0	0.0	31.0
Puerto Rico				0.0				0.0				0.0
Rhode Island				0.0	0.0	40.9	0.0	40.9	0.4	25.0	0.0	25.4
South Carolina	3.8	0.0	0.0	3.8	6.3	0.2	0.0	6.5	12.3	3.1	0.0	15.3
Texas	0.0	107.8	0.0	107.8	117.5	39.1	0.0	156.6	80.1	8.0	0.0	88.1
Virgin Islands				0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.9	0.9
Virginia	64.4	150.3	0.0	214.7	0.5	0.0	0.0	0.5	2.4	10.1	0.0	12.5
Washington	0.0	0.0	1,473.6	1,473.6	0.0	0.0	702.9	702.9	0.0	0.0	205.8	205.8
Total	1,147.9	2,554.6	1,520.6	5,223.1	510.8	1,904.1	1,113.2	3,528.1	139.7	2,763.9	578.3	3,481.8

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	4 - Other				5 - Atmospheric Deposition				6 - Industrial Point Sources			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska			210.8	210.8				0.0			217.0	217.0
California	18.8	163.1	0.0	181.9	0.0	425.9	0.0	425.9	223.0	345.2	0.0	568.2
Connecticut				0.0	0.0	211.0	0.0	211.0	0.0	75.8	0.0	75.8
Delaware				0.0				0.0				0.0
Delaware River				0.0				0.0	8.0	76.0	0.0	84.0
District of Columbia				0.0				0.0				0.0
Florida	0.0	117.1	0.0	117.1				0.0	0.0	229.6	0.0	229.6
Georgia	1.0	2.0	0.0	3.0				0.0	4.0	158.0	0.0	162.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0	0.0	0.6	0.0	0.6
Interstate Sanitation Commission			0.2	0.2				0.0				0.0
Louisiana	0.0	2,738.0	0.0	2,738.0	0.0	2,285.0	0.0	2,285.0	0.0	91.0	0.0	91.0
Maine				0.0				0.0				0.0
Maryland	55.4	0.0	0.0	55.4				0.0	31.9	15.7	0.0	47.6
Massachusetts				0.0				0.0	0.0	0.0	10.8	10.8
Mississippi				0.0				0.0	0.0	37.1	0.0	37.1
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York			1.3	1.3				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0	0.0	41.7	0.0	41.7
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.3	0.0	0.0	0.3				0.0	0.0	9.7	0.0	9.7
South Carolina				0.0				0.0	0.0	0.2	0.0	0.2
Texas				0.0				0.0	33.2	3.4	0.0	36.6
Virgin Islands				0.0				0.0				0.0
Virginia	0.0	0.0	0.0	0.0				0.0	0.5	0.0	0.0	0.5
Washington	0.0	0.0	89.8	89.8				0.0	0.0	0.0	313.8	313.8
Total	75.5	3,020.2	302.1	3,397.8	0.0	2,921.9	0.0	2,921.9	300.6	1,084.0	541.6	1,926.1

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	7 - Agriculture				8 - Land Disposal				9 - Combined Sewer Overflow			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska				0.0			9.0	9.0				0.0
California	5.0	457.2	0.0	462.2	7.8	16.0	0.0	23.8	2.6	1.0	0.0	3.7
Connecticut	0.0	6.2	0.0	6.2	0.0	15.3	0.0	15.3	0.0	237.7	0.0	237.7
Delaware	0.0	12.0	0.0	12.0	0.0	10.2	0.0	10.2				0.0
Delaware River				0.0				0.0				0.0
District of Columbia				0.0				0.0	0.8	1.4	0.0	2.2
Florida	0.0	323.9	0.0	323.9	0.0	243.5	0.0	243.5				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii	0.0	12.0	0.0	12.0				0.0				0.0
Interstate Sanitation Commission				0.0			22.3	22.3			839.9	839.9
Louisiana	0.0	91.0	0.0	91.0	0.0	917.0	0.0	917.0				0.0
Maine				0.0				0.0	0.0	49.1	0.0	49.1
Maryland				0.0	0.0	13.1	0.0	13.1				0.0
Massachusetts	0.0	0.0	4.3	4.3	0.0	0.0	12.4	12.4	0.0	0.0	71.1	71.1
Mississippi				0.0	0.4	10.3	0.0	10.7				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey			16.0	16.0				0.0			5.0	5.0
New York				0.0			21.9	21.9			103.4	103.4
North Carolina				0.0				0.0				0.0
Oregon	0.0	56.2	0.0	56.2				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	8.3	0.0	0.0	8.3	0.5	3.9	0.0	4.4	0.0	15.9	0.0	15.9
South Carolina	0.1	21.0	0.0	21.2	0.0	0.1	0.0	0.1				0.0
Texas	1.7	319.0	0.0	320.7	1.9	86.6	0.0	88.5				0.0
Virgin Islands				0.0	0.0	0.0	0.2	0.2				0.0
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Washington	0.0	0.0	492.6	492.6	0.0	0.0	115.8	115.8	0.0	0.0	122.7	122.7
Total	15.2	1,298.6	512.9	1,826.6	10.7	1,315.9	181.5	1,508.1	3.4	305.2	1,142.2	1,450.8

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	10 - Onsite WW Systems (Septic Tanks)				11 - Contaminated Sediments				12 - Collection System Failure			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0.0	0.0	0.0	0.0	0.0	0.0	418.0	0.0	418.0
Alaska				0.0			9.0	9.0				0.0
California				0.0	0.5	44.3	0.0	44.8				0.0
Connecticut	0.0	9.6	0.0	9.6	0.7	18.8	0.0	19.5				0.0
Delaware	0.0	10.2	0.0	10.2				0.0				0.0
Delaware River				0.0	8.0	858.0	0.0	866.0				0.0
District of Columbia				0.0				0.0				0.0
Florida				0.0				0.0				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission			22.0	22.0			50.1	50.1				0.0
Louisiana	0.0	917.0	0.0	917.0				0.0	0.0	623.0	0.0	623.0
Maine				0.0				0.0				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0	0.0	0.0	38.5	38.5				0.0
Mississippi	0.0	25.1	0.0	25.1	0.0	22.9	0.0	22.9				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York			21.9	21.9			127.3	127.3				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0	0.0	49.4	0.0	49.4
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.5	2.0	0.0	2.5	0.0	0.2	0.0	0.2				0.0
South Carolina				0.0				0.0				0.0
Texas	1.9	86.6	0.0	88.5				0.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0				0.0	0.0	0.0	0.0	0.0
Washington	0.0	0.0	115.8	115.8				0.0				0.0
Total	2.4	1,050.5	159.7	1,212.7	9.3	944.1	224.8	1,178.2	0.0	1,090.4	0.0	1,090.4

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	13 - Other Urban Runoff				14 - Resource Extraction				15 - Hydromodification			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska			1.9	1.9			2.3	2.3				0.0
California	2.5	0.0	0.0	2.5	474.9	54.9	0.0	529.8	238.3	114.8	0.0	353.1
Connecticut				0.0				0.0				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0				0.0				0.0
District of Columbia	0.0	0.4	0.0	0.4	0.8	0.0	0.0	0.8	0.0	0.8	0.0	0.8
Florida				0.0	0.0	52.4	0.0	52.4	0.0	176.1	0.0	176.1
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana	0.0	781.0	0.0	781.0				0.0				0.0
Maine				0.0				0.0				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0				0.0				0.0
Mississippi	0.0	115.8	0.0	115.8				0.0	0.0	0.5	0.0	0.5
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.3	1.0	0.0	1.3				0.0				0.0
South Carolina				0.0				0.0	0.0	0.9	0.0	0.9
Texas				0.0				0.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Washington				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2.7	898.2	1.9	902.8	475.7	107.3	2.3	585.2	238.3	293.1	0.0	531.4

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	16 - Recreation and Tourism (non-boating)				17 - Package Plants (small flows)				18 - Domestic Wastewater Lagoon			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0.0	0.0	0.0	0.0				0.0	0.0	418.0	0.0	418.0
Alaska				0.0				0.0				0.0
California	0.0	0.1	0.0	0.1	0.0	0.5	0.0	0.5				0.0
Connecticut	0.0	253.0	0.0	253.0				0.0				0.0
Delaware				0.0				0.0				0.0
Delaware River				0.0				0.0				0.0
District of Columbia				0.0				0.0				0.0
Florida				0.0				0.0				0.0
Georgia				0.0				0.0				0.0
Guam				0.0				0.0				0.0
Hawaii				0.0				0.0				0.0
Interstate Sanitation Commission				0.0				0.0				0.0
Louisiana	0.0	91.0	0.0	91.0	0.0	144.0	0.0	144.0				0.0
Maine				0.0	296.1	0.0	0.0	296.1				0.0
Maryland				0.0				0.0				0.0
Massachusetts				0.0				0.0				0.0
Mississippi	0.0	130.1	0.0	130.1	0.0	2.2	0.0	2.2				0.0
N Mariana Islands				0.0				0.0				0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey				0.0				0.0				0.0
New York				0.0				0.0				0.0
North Carolina				0.0				0.0				0.0
Oregon				0.0				0.0				0.0
Puerto Rico				0.0				0.0				0.0
Rhode Island	0.0	0.0	0.0	0.0				0.0				0.0
South Carolina				0.0				0.0				0.0
Texas				0.0				0.0				0.0
Virgin Islands				0.0				0.0				0.0
Virginia				0.0				0.0				0.0
Washington				0.0				0.0				0.0
Total	0.0	474.2	0.0	474.2	296.1	146.7	0.0	442.8	0.0	418.0	0.0	418.0

Appendix C-5. Leading Sources Impairing Assessed Estuaries

Jurisdiction	19 - Marinas				20 - Construction				Comment
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	"Other" refers to seafood processing. The state also reported 4.91 square miles impaired by military sources. Industrial nonpoint sources listed under "other" category. "Unknown sources" are nonpoint only. Excludes the effect of a statewide consumption advisory for lobster tomalley due to dioxin and PCB contamination. Maine has identified major industrial point sources as the source of these contaminants. New Jersey notes that their cause and source assessment is preliminary and these numbers will be updated in the near future. Puerto Rico reported linear miles of estuarine causes rather than square miles. The identified source was land disposal.
Alaska				0.0				0.0	
California	0.0	12.3	0.0	12.3	1.2	2.8	0.0	4.0	
Connecticut	0.0	81.9	0.0	81.9				0.0	
Delaware				0.0				0.0	
Delaware River				0.0				0.0	
District of Columbia				0.0				0.0	
Florida				0.0	0.0	177.9	0.0	177.9	
Georgia	0.0	66.0	0.0	66.0				0.0	
Guam				0.0				0.0	
Hawaii	0.0	0.8	0.0	0.8	0.0	10.3	0.0	10.3	
Interstate Sanitation Commission				0.0				0.1	
Louisiana	0.0	75.0	0.0	75.0	0.0	91.0	0.0	91.0	
Maine				0.0				0.0	
Maryland				0.0				0.0	
Massachusetts	0.0	0.0	1.8	1.8				0.0	
Mississippi	0.0	14.5	0.0	14.5	0.0	22.9	0.0	22.9	
N Mariana Islands				0.0				0.0	
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
New Jersey			39.0	39.0				0.0	
New York				0.0			0.1	0.1	
North Carolina				0.0				0.0	
Oregon				0.0				0.0	
Puerto Rico				0.0				0.0	
Rhode Island	2.1	4.1	0.0	6.2	0.0	0.0	0.0	0.0	
South Carolina	9.7	10.0	0.0	19.7				0.0	
Texas				0.0				0.0	
Virgin Islands	0.0	0.0	0.9	0.9				0.0	
Virginia				0.0				0.0	
Washington				0.0	0.0	0.0	0.0	0.0	
Total	11.7	264.6	41.8	318.1	1.2	305.0	0.2	306.3	

Appendix C-6. Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support - Evaluated	Full Support - Monitored	Full Support - Not Specified	Full Support - Total	Threatened - Evaluated	Threatened - Monitored	Threatened - Not Specified	Threatened - Total	Impaired - Evaluated	Impaired - Monitored	Impaired - Not Specified	Impaired - Total
Alabama	50	0	0	50	0	0	0	0	0	0	0	0
Alaska	0	0	0	0				0	4	0	0	4
California	712	84	0	796	0	0	0	0	48	76	0	123
Connecticut				0				0				0
Delaware	0	0	25	25	0	0	0	0	0	0	0	0
Florida				0				0				0
Georgia				0				0				0
Guam	0	0	0	0	0	0	0	0	0	0	13	13
Hawaii	645	137	0	782	6	4	0	10	7	85	0	91
Louisiana				0				0				0
Maine				0				0				0
Maryland	0	32	0	32				0	0	0	0	0
Massachusetts				0				0				0
Mississippi	0	35	0	35	7	20	0	28	44	27	0	72
N Mariana Islands	0	0	0	0	0	0	0	0	0	0	1	1
New Hampshire	0	0	0	0				0	18	0	0	18
New Jersey			127	127			0	0			0	0
New York			117	117			0	0			3	3
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	225	102	0	327	136	47	0	183	0	40	0	40
Rhode Island	0	79	0	79	0	0	0	0	0	0	0	0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands	126	0	0	126	36	0	0	36	10	1	0	10
Virginia				0				0				0
Washington				0				0				0
Total	1,758	469	269	2,496	186	71	0	257	131	229	17	377
	56%	15%	9%	80%	6%	2%	0%	8%	4%	7%	1%	12%

Appendix C-6. Summary of Fully Supporting, Threatened, and Impaired Waters in Assessed Ocean Shoreline Waters

Jurisdiction	Not Attainable - Evaluated	Not Attainable - Monitored	Not Attainable - Not Specified	Not Attainable - Total	Total Evaluated	Total Monitored	Total Unspecified	Total Assessed	Comment
Alabama				0	50	0	0	50	State reported overall use support status. Alaska's assessment data is biased towards those waters with known impairment; efforts are underway to assess other waters across the state.
Alaska				0	4	0	0	4	
California				0	760	160	0	919	
Connecticut				0	0	0	0	0	
Delaware				0	0	0	25	25	
Florida				0	0	0	0	0	
Georgia				0	0	0	0	0	
Guam				0	0	0	14	14	
Hawaii	0	1	0	1	658	227	0	884	
Louisiana				0	0	0	0	0	
Maine				0	0	0	0	0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland				0	0	32	0	32	
Massachusetts				0	0	0	0	0	
Mississippi	0	0	0	0	52	82	0	134	
N Mariana Islands				0	0	0	1	1	
New Hampshire	0	0	0	0	18	0	0	18	
New Jersey				0	0	0	127	127	Entered swimming use support data in lieu of summary use support data. New Jersey reports impairment to shellfishing use, but assesses that use in square miles rather than shoreline (linear) miles.
New York				0	0	0	120	120	
North Carolina				0	0	0	0	0	
Oregon				0	0	0	0	0	
Puerto Rico	0	0	0	0	361	189	0	550	
Rhode Island	0	0	0	0	0	79	0	79	
South Carolina				0	0	0	0	0	
Texas				0	0	0	0	0	Texas reported square miles of coastal use support rather than shoreline miles. Of the 3879 square miles assessed, 3491 fully support all uses and 388 are impaired for one or more uses.
Virgin Islands				0	172	1	0	173	State reported overall use support status.
Virginia				0	0	0	0	0	
Washington				0	0	0	0	0	
Total	0	1	0	1	2,074	769	287	3,130	
	0%	0%	0%	0%	66%	25%	9%		

Appendix C-7a. Aquatic Life Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	50	0	0	0	0	50	
Alaska						0	
California	791	0	51	0		842	
Connecticut						0	
Delaware	25		0	0		25	
Florida						0	
Georgia						0	
Guam						0	
Hawaii	0	0	0	0	0	0	
Louisiana						0	
Maine						0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland	32		0	0		32	
Massachusetts						0	
Mississippi	33	35	0	0	0	68	
N Mariana Islands						0	
New Hampshire	18		0	0	0	18	
New Jersey						0	
New York	120	0	0	0		120	
North Carolina						0	
Oregon						0	
Puerto Rico	417	76	19	37	0	550	Entered "propagation and preservation of desirable species" use support status.
Rhode Island						0	
South Carolina						0	
Texas						0	All 3879 square miles of ocean waters assessed fully supported aquatic life use.
Virgin Islands	4	0	0	0		4	
Virginia						0	
Washington						0	
Total	1,489	111	70	37	0	1,707	
	87%	7%	4%	2%	0%		

Appendix C-7b. Fish Consumption Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	50	0	0	0	0	50	
Alaska						0	
California	558	0	54	34		647	
Connecticut						0	
Delaware						0	
Florida						0	
Georgia						0	
Guam						0	
Hawaii	0	0	0	0	0	0	
Louisiana						0	
Maine						0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland	32		0	0		32	
Massachusetts						0	
Mississippi	0	13	0	0	0	13	
N Mariana Islands						0	
New Hampshire	0		18	0	0	18	
New Jersey						0	
New York	0	0	0	0		0	
North Carolina						0	
Oregon						0	
Puerto Rico						0	Category not applicable.
Rhode Island						0	
South Carolina						0	
Texas						0	
Virgin Islands	12	0	8	0		20	
Virginia						0	
Washington						0	
Total	652	13	80	34	0	780	
	84%	2%	10%	4%	0%		

Appendix C-7c. Shellfishing Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	50	0	0	0	0	50	
Alaska						0	
California	725	0	54	1		780	
Connecticut						0	
Delaware						0	
Florida						0	
Georgia						0	
Guam						0	
Hawaii	0	0	0	0	0	0	
Louisiana						0	
Maine						0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland	32		0	0		32	
Massachusetts						0	
Mississippi	0	0	46	0	0	46	
N Mariana Islands						0	
New Hampshire	0		18	0	0	18	
New Jersey						0	New Jersey assessed ocean shellfishing use support in square miles rather than shoreline (linear) miles.
New York	117	0	0	0		117	
North Carolina						0	
Oregon						0	
Puerto Rico	0	0	0	0	0	0	
Rhode Island	79	0	0	0	0	79	
South Carolina						0	
Texas						0	Of the ocean waters assessed, 3491 sq. miles fully support shellfishing use and 388 do not support shellfishing use.
Virgin Islands	12	0	8	0		20	
Virginia						0	
Washington						0	
Total	1,014	0	127	1	0	1,141	
	89%	0%	11%	0%	0%		

Appendix C-7d. Swimming Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	50	0	0	0	0	50	
Alaska						0	
California	716	0	91	25		832	
Connecticut						0	
Delaware	25		0	0		25	
Florida						0	
Georgia						0	
Guam	0	0	3	11		14	
Hawaii	0	0	0	0	0	0	
Louisiana						0	
Maine						0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland	32		0	0		32	
Massachusetts						0	
Mississippi	28	99	51	0	0	178	
N Mariana Islands	0	0	0	1		1	
New Hampshire	18		0	0	0	18	
New Jersey	127	0	0	0		127	
New York	120	0	0	0		120	
North Carolina						0	
Oregon						0	
Puerto Rico	409	99	32	11	0	550	
Rhode Island	79	0	0	0	0	79	
South Carolina						0	
Texas						0	All 3879 square miles of ocean waters assessed fully supported swimming use.
Virgin Islands	112	0	0	1		113	
Virginia						0	
Washington						0	
Total	1,715	198	177	48	0	2,138	
	80%	9%	8%	2%	0%		

Appendix C-7e. Secondary Contact Use Support in Assessed Ocean Shoreline Waters

Jurisdiction	Full Support	Threatened	Partial Support	Not Supporting	Not Attainable	Total Assessed	Comment
Alabama	50	0	0	0	0	50	
Alaska						0	
California	777	0	51	4		832	
Connecticut						0	
Delaware	25		0	0		25	
Florida						0	
Georgia						0	
Guam						0	
Hawaii	0	0	0	0	0	0	
Louisiana						0	
Maine						0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland						0	
Massachusetts						0	
Mississippi	0	6	26	0	0	31	
N Mariana Islands	0	0	0	1		1	
New Hampshire	18		0	0	0	18	
New Jersey						0	
New York	120	0	0	0		120	
North Carolina						0	
Oregon						0	
Puerto Rico	528	16	0	6	0	550	
Rhode Island						0	
South Carolina						0	
Texas						0	
Virgin Islands	12	0	8	0		20	
Virginia						0	
Washington						0	
Total	1,529	22	85	10	0	1,646	
	93%	1%	5%	1%	0%		

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	1 - Pathogens				2 - Turbidity				3 - Nutrients			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California	26	65	0	91				0				0
Connecticut				0				0				0
Delaware	1	0	0	1				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii	2	56	0	58	14	107	0	121	18	123	0	141
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	85	0	85	0	26	0	26	0	26	0	26
N Mariana Islands	1	0	0	1				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York			3	3				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	14	29	0	43	5	14	0	19	0	0	0	0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands	0	0	9	9	0	0	10	10				0
Virginia				0				0				0
Washington				0				0				0
Total	43	235	12	290	19	146	10	176	18	149	0	167

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	4 - Suspended Solids				5 - Siltation				6 - pH			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California				0				0				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii	0	108	0	108	0	104	0	104				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi				0				0	0	26	0	26
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	0	0	0	0	0	0	0	0	8	13	0	21
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0	0	0	1	1	0	0	5	5
Virginia				0				0				0
Washington				0				0				0
Total	0	108	0	108	0	104	1	105	8	38	5	51

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	7 - Metals				8 - Organic Enrichment/Low DO				9 - Cause Unknown			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California	0	26	0	26				0				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii	0	2	0	2	0	2	0	2	0	2	0	2
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	5	0	5	0	27	0	27				0
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	18	0	18
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	11	0	0	11	3	0	0	3	0	0	0	0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0	0	0	4	4				0
Virginia				0				0				0
Washington				0				0				0
Total	11	33	0	44	3	29	4	35	0	20	0	20

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	10 - PCBs				11 - Cadmium				12 - Pesticides			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0				0	0	0	0	0
Alaska				0				0				0
California				0	0	16	0	16	2	10	0	12
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0				0				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi				0				0				0
N Mariana Islands				0				0				0
New Hampshire	0	18	0	18	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico				0				0	0	0	0	0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0				0				0
Virginia				0				0				0
Washington				0				0				0
Total	0	18	0	18	0	16	0	16	2	10	0	12

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	13 - Lead				14 - Oil and Grease				15 - Unionized Ammonia			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0	0	0	0	0	0	0	0	0
Alaska				0			4	4				0
California	0	10	0	10				0				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0	0	2	0	2	0	4	0	4
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi				0				0				0
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico				0	0	0	0	0	3	0	0	3
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0	0	0	1	1				0
Virginia				0				0				0
Washington				0				0				0
Total	0	10	0	10	0	2	5	7	3	4	0	7

Appendix C-8. Leading Pollutants and Stressors Impairing Assessed Ocean Shoreline Waters

Jurisdiction	16 - Priority Organic Chemicals				17 - Nonpriority Organic Chemicals				18 - Unknown Toxicity			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California				0				0				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0				0				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	6	0	6	0	6	0	6				0
N Mariana Islands				0				0	1	0	0	1
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0				0				0
Virginia				0				0				0
Washington				0				0				0
Total	0	6	0	6	0	6	0	6	1	0	0	1

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	1 - Urban Runoff/Storm Sewers				2 - Natural Sources				3 - Land Disposal			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California	5	86	0	91	0	16	0	16	0	24	0	24
Connecticut				0				0				0
Delaware	1	0	0	1				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii	5	51	0	56	3	95	0	98				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	70	0	70	0	9	0	9	0	60	0	60
N Mariana Islands	1	0	0	1				0	1	0	0	1
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	6	7	0	13	10	1	0	11	5	27	0	32
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands	0	0	6	6				0	0	0	0	0
Virginia				0				0				0
Washington				0				0				0
Total	18	213	6	236	13	121	0	135	6	111	0	117

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	4 - Municipal Point Sources				5 - Major Municipal Point Sources				6 - Other Urban Runoff			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0				0				0
Alaska				0				0				0
California				0				0	1	3	0	4
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0				0				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	85	0	85	0	85	0	85	0	70	0	70
N Mariana Islands				0				0	1	0	0	1
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	3	3	0	6				0				0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands	0	0	5	5	0	0	5	5				0
Virginia				0				0				0
Washington				0				0				0
Total	3	88	5	96	0	85	5	90	2	73	0	75

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	7 - Spills				8 - Industrial Permitted				9 - Onsite Wastewater Systems			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0				0				0
Alaska			4	4				0				0
California	0	60	0	60				0				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0				0				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi				0	0	61	0	61	0	60	0	60
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico	0	0	0	0				0				0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands	0	0	1	1				0				0
Virginia				0				0				0
Washington				0				0				0
Total	0	60	5	65	0	61	0	61	0	60	0	60

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	10 - Industrial Point Sources				11 - Agriculture				12 - Minor Industrial Point Sources				
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	
Alabama	0	0	0	0	0	0	0	0	0				0
Alaska				0				0					0
California	0	1	0	1	0	28	0	28					0
Connecticut				0				0					0
Delaware				0				0					0
Florida				0				0					0
Georgia				0				0					0
Guam				0				0					0
Hawaii	0	1	0	1	0	19	0	19					0
Louisiana				0				0					0
Maine				0				0					0
Maryland				0				0					0
Massachusetts				0				0					0
Mississippi	0	43	0	43				0	0	43	0	43	43
N Mariana Islands				0				0					0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0					0
New York				0				0					0
North Carolina				0				0					0
Oregon				0				0					0
Puerto Rico	3	4	0	6	0	0	0	0					0
Rhode Island				0				0					0
South Carolina				0				0					0
Texas				0				0					0
Virgin Islands	0	0	1	1				0					0
Virginia				0				0					0
Washington				0				0					0
Total	3	48	1	52	0	48	0	48	0	43	0	43	43

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	13 - Recreation/Tourism (non-boating)				14 - Construction				15 - Source Unknown			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama	0	0	0	0	0	0	0	0	0	0	0	0
Alaska				0				0				0
California				0	0	3	0	3				0
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0	0	6	0	6	0	2	0	3
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	40	0	40	0	26	0	26	0	9	0	9
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	18	0	18
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico				0	0	0	0	0	0	2	0	2
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0				0	0	0	2	2
Virginia				0				0				0
Washington				0				0				0
Total	0	40	0	40	0	34	0	34	0	31	2	33

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	16 - Land Development				17 - Resource Extraction				18 - Mine Tailings			
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total
Alabama				0	0	0	0	0				0
Alaska				0				0				0
California				0	0	25	0	25	0	25	0	25
Connecticut				0				0				0
Delaware				0				0				0
Florida				0				0				0
Georgia				0				0				0
Guam				0				0				0
Hawaii				0				0				0
Louisiana				0				0				0
Maine				0				0				0
Maryland				0				0				0
Massachusetts				0				0				0
Mississippi	0	26	0	26				0				0
N Mariana Islands				0				0				0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey				0				0				0
New York				0				0				0
North Carolina				0				0				0
Oregon				0				0				0
Puerto Rico				0	0	0	0	0				0
Rhode Island				0				0				0
South Carolina				0				0				0
Texas				0				0				0
Virgin Islands				0				0				0
Virginia				0				0				0
Washington				0				0				0
Total	0	26	0	26	0	25	0	25	0	25	0	25

Appendix C-9. Leading Sources Impairing Assessed Ocean Shoreline Waters

Jurisdiction	19 - Septage Disposal				20 - Marinas				Comment
	Major	Minor/Mod	Not Specified	Total	Major	Minor/Mod	Not Specified	Total	
Alabama				0	0	0	0	0	
Alaska				0				0	
California	0	24	0	24	0	1	0	1	
Connecticut				0				0	
Delaware				0				0	
Florida				0				0	
Georgia				0				0	
Guam				0				0	
Hawaii				0	0	3	0	3	
Louisiana				0				0	
Maine				0				0	Maine includes coastal shoreline waters in their assessment of estuarine waters.
Maryland				0				0	
Massachusetts				0				0	
Mississippi				0	0	3	0	3	
N Mariana Islands				0				0	
New Hampshire	0	0	0	0	0	0	0	0	Other = administrative.
New Jersey				0				0	
New York				0				0	
North Carolina				0				0	
Oregon				0				0	
Puerto Rico				0	0	6	0	6	
Rhode Island				0				0	
South Carolina				0				0	
Texas				0				0	Texas noted land disposal (septic systems) as the source of 388 square miles of ocean water impairment.
Virgin Islands				0	0	0	9	9	
Virginia				0				0	
Washington				0				0	
Total	0	24	0	24	0	13	9	21	