

Table 6. Trends in coastal wetlands and waters in the Narragansett Bay Estuary(RI) from the 1950s to the 1990s. (Note: These data summarize totals for mapped polygons only; linear data are not included.) EM=emergent; US=Unconsolidated Shore; Phrag=Phragmites australis.

Wetland or Waterbody Type	1950s Acreage	1990s Acreage	Net Change
Estuarine Water			
Saline/Brackish	87,846.79	87,764.7	-82.1
Oligohaline	170.6	143.2	-27.4
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Subtotal	88,017.4	87,907.9	-109.5
Estuarine Marsh			
Emergent Regularly Flooded	280.2	242.6	-37.6
Phragmites Irregularly Flooded	117.1	214.6	+87.5
EM/Phrag Irregularly Flooded	14.9	10.9	-4.0
EM/US Regularly Flooded	7.9	5.8	-2.1
EM/US Irregularly Flooded	0.3	0.3	0
Emergent Irregularly Flooded	2,536.2	2,185.5	-350.7
Phrag/Shrub Irregularly Flooded	3.3	3.3	0
EM/Shrub Irregularly Flooded	5.9	6.9	+1.0
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Subtotal	2,965.7	2,659.9	-305.9
Estuarine Oligohaline Marsh			
Emergent Regularly Flooded	3.3	0.8	-2.5
Phragmites Irregularly Flooded	60.4	133.73	+73.3
EM/Phrag Irregularly Flooded	39.2	113.1	+73.9
Emergent Irregularly Flooded	180.4	108.4	-72.0
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Subtotal	283.34	356.04	+72.7
Estuarine Reef			
Mollusc (Oyster)	7.3	5.9	-1.4
Estuarine Rocky Shore			
Bedrock Regularly Flooded	29.2	29.1	-0.1
Bedrock Irregularly Flooded	97.1	96.9	-0.2
Rubble Regularly Flooded	76.7	76.6	-0.1
Rubble Irregularly Flooded	15.9	16.1	+0.2
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Subtotal	218.9	218.7	-0.2

Table 6. (continued)

Estuarine Streambed			
Sand and Mud Regularly Flooded	0.2	1.2	+1.0
Estuarine Scrub-Shrub Wetland			
Deciduous Irregularly Flooded	128.2	146.4	+18.2
Shrub/EM Irregularly Flooded	0.7	0.7	0
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Subtotal	128.9	147.1	+18.2
Estuarine Unconsolidated Shore			
Cobble-Gravel Regularly Flooded	54.7	68.1	+13.4
Cobble-Gravel Irregularly Flooded	55.2	59.6	+4.4
Sand Irregularly Exposed	333.6	254.4	-79.2
Sand Regularly Flooded	440.8	438.6	-2.2
Sand/Cobble-Gravel Reg. Flooded	39.3	42.1	+2.8
Sand/Emergent Regularly Flooded	5.9	5.9	0
Sand/EM Irregularly Flooded	0.5	0	-0.5
Sand Irregularly Flooded	643.5	569.4	-74.1
Sand Reg. Flooded Oligohaline	82.1	0	-82.1
Sand Irreg. Flooded Oligohaline	3.5	0	-3.5
Mud Irregularly Exposed	224.1	198.3	-25.8
Mud Irreg. Exposed Oligohaline	0.9	0.9	0
Mud Regularly Flooded	48.0	85.5	+37.5
Mud Reg. Flooded Oligohaline	2.3	7.0	+4.7
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Subtotal	1,934.4	1,729.9	-204.6
Estuarine Salt Panne			
Irregularly Exposed	56.6	39.5	-17.1
Irregularly Exposed Oligohaline	0.8	0.8	0
Regularly Flooded	2.9	1.7	-1.2
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Subtotal	60.3	42.0	-18.3
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Total Estuarine Habitat	93,616.5	93,068.7	-547.0
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(Marine totals on following page)

Table 6. (continued)

Marine Water

Unconsolidated Bottom	34,133.7	34,132.9	-0.8
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Subtotal	34,133.7	34,132.9	-0.8
Marine Rocky Shore			
Regularly Flooded	142.8	142.5	-0.3
Irregularly Flooded	201.9	202.2	+0.3
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Subtotal	344.7	344.7	0
Marine Unconsolidated Shore			
Cobble-Gravel Regularly Flooded	5.9	5.9	0
Cobble-Gravel Irregularly Flooded	9.6	9.6	0
Sand Irregularly Exposed	2.3	2.3	0
Sand Regularly Flooded	94.9	100.7	+5.8
Sand Irregularly Flooded	83.0	77.2	-5.8
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Subtotal	195.7	195.7	0

<i>Total Marine Habitats</i>	<i>34,674.1</i>	<i>34,673.3</i>	<i>-0.8</i>

Narragansett Bay Grand Total	128,290.4	127,742	-547.8
