

Table 8. Land use/cover changes (acres and % of 1950s area) in the 500-foot buffer surrounding tidal wetlands in the Narragansett Bay Estuary (RI) from the 1950s to the 1990s.
 + = gain and - = loss

Land Use/cover Type	50s Acreage	90s Acreage	Acreage Change (% Change)
Residential			
Single-family	4,596.3	6,950.9	+2,354.6 (51)
Lawns	1,474.4	1,561.5	+87.1 (6)
Multi-family	35.3	176.7	+141.4 (400)
Mobile home	13.6	13.8	+0.2 (2)
Other	112.8	34.6	-78.2 (69)
<i>Subtotal</i>	<i>6,232.4</i>	<i>8,737.4</i>	<i>+2,505.0 (40)</i>
Commercial			
Comm.&Institutional Structures	832.3	1,065.5	+233.2 (28)
Wharves, Piers, Shipyards	563.6	558.1	+5.5 (1)
Paved Surfaces	123.9	253.4	+129.5 (100)
Marinas	129.3	201.4	+72.2 (56)
Unpaved Surfaces	90.2	48.3	-41.8 (46)
Recreational Structures	36.9	51.5	+14.6(40)
Junkyard	0.1	0.1	0 (0)
Other	1.2	1.2	0 (0)
<i>Subtotal</i>	<i>1,777.5</i>	<i>2,179.5</i>	<i>+402.1 (23)</i>
Industrial	243.7	90.2	-153.5 (63)
Industrial & Commercial Complexes	23.8	15.9	-7.9 (33)
Transportation, Communications, & Utilities	401.3	736.7	+335.4 (84)
Other Urban or Built-up Land			
Golf Courses	229.8	377	+147.1 (64)
Landfills	18.3	38.8	+20.5 (112)
Cemetaries	48.7	52.5	+3.8 (8)
Other	140.2	321.5	+181.3 (129)
<i>Subtotal</i>	<i>437.0</i>	<i>789.7</i>	<i>+352.7 (81)</i>
Agriculture			
Pasture/hayfields	1,997.2	491.8	-1,505.4 (75)
Cropland	893.00	773.2	-119.8 (13)
Orchards, Nurseries, Vineyards	51.3	49.7	-1.6 (3)
Confined Feeding Lots	6.9	3.4	-3.5 (52)
<i>Subtotal</i>	<i>2,948.4</i>	<i>1,318.1</i>	<i>-1,630.3 (55)</i>

Table 8. (continued)

Land Use/cover Type	50s Acreage	90s Acreage	Acreage Change (% Change)
Rangeland			
Herbaceous	1,073.9	422.2	-651.7 (61)
Shrub and Brush	3,143.4	2,572.6	-570.9 (18)
Mixed	1,301.7	795.9	-505.9 (39)
<i>Subtotal</i>	<i>5,519.1</i>	<i>3,790.6</i>	<i>-1,728.5 (31)</i>
Forest			
Deciduous	2,088.1	2,185.8	+97.7 (5)
Evergreen	234.5	13.6	-220.9 (94)
Mixed	2,145.0	2,719.3	+574.3 (27)
<i>Subtotal</i>	<i>4,467.7</i>	<i>4,918.8</i>	<i>+451.1 (10)</i>
Water & Wetlands			
Vegetated Freshwater Wetland	1,275.9	1,371.3	+95.5 (7)
Nonvegetated Freshwater Wetland	5.00	8.4	+3.5 (69)
Fresh Water	162.2	162.3	+0.1 (0)
<i>Subtotal</i>	<i>1,443.0</i>	<i>1,542.1</i>	<i>+99.0 (7)</i>
Barren Land			
Beaches	18.2	0	-18.2 (100)
Other Sand Areas	188.3	128.9	-59.4 (32)
Mixed Barren Land	277.2	223.5	-53.6 (19)
Strip Mines	10.0	33.4	+23.4 (234)
Bare Exposed Rock	8.6	3.4	-5.2 (61)
Transitional Area	44.6	41.3	-3.3 (7)
<i>Subtotal</i>	<i>546.9</i>	<i>430.5</i>	<i>-116.5 (21)</i>