

**EOEA Buildout for Vision 2020 Region
June 2000
Abington - Brockton**

	Abington	Acushnet	Attleboro	Avon	Berkley	Bridgewater	Brockton
Population							
1990	13,817	9,554	38,383	4,558	4,237	21,249	92,788
1998	14,560	9,961	39,831	4,618	4,723	24,536	96,070
Buildout	19,275	20,686	76,072	6,822	19,422	44,074	105,889
Students							
1990	2,809	1,727	5,529	666	742	3,276	15,526
1998	2,975	1,869	6,699	802	821	3,707	16,971
Buildout	4,240	3,954	13,745	1,126	3,679	7,224	19,720
Households							
1990	4,787	3,402	14,180	1,590	1,352	5,924	32,714
1998	5,044	3,835	15,628	1,611	1,838	6,356	33,871
Buildout	6,851	8,063	28,256	2,376	6,960	13,966	37,799
Water Use (gallons/day)							
1998	1,192,800	572,000	5,169,000	534,000	354,225	1,840,200	8,898,000
Buildout	3,589,466	1,480,100	8,516,643	1,187,786	1,456,668	3,149,241	10,643,888
Summary of Build Out Impacts							
Additional Developable Land Area (sq ft)	116,130,713	321,121,229	291,249,259	46,384,799	257,544,993	365,103,117	143,143,692
Additional Developable Area (acres)	2,662	7,372	6,686	1,065	5,912	8,382	3,286
Additional Residential Units	1,807	4,228	12,628	765	5,122	7,610	3,928
Additional Residents	4,715	10,725	36,241	2,204	14,699	19,538	9,819
Additional Commercial/Industrial Buildable Floor Area (sq ft)	27,240,498	1,383,483	8,428,584	6,449,936	4,262,875	31,165,899	13,459,360
Additional School Children at Build Out	1,265	2,085	7,046	324	2,858	3,517	2,749
Additional Water Demand at Build Out	2,396,666	908,102	3,347,643	653,786	1,422,159	3,556,619	1,745,888

(gallons/day)							
Additional Residential Water Demand at Build Out	353,629	804,341	2,718,092	166,291	1,102,443	1,309,041	736,436
Additional Commercial and Industrial Water Demand at Buildout	2,043,037	103,761	629,550	487,495	319,716	2,247,578	1,009,452
Additional Municipal Solid Waste (tons/yr)	5,139	5,502	18,592	2,417	8,220	10,160	10,702
Additional Non-Recyclable Solid Waste (tons)	4,055	3,912	13,228	1,907	5,362	5,486	8,444
Additional Recyclable Solid Waste (tons)	1,084	1,590	5,364	510	2,858	4,674	2,258
Additional Roadway at Build Out (miles)	23	60	158	16	101	76.2	63
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$392,327	\$189,106	\$863,098	\$207,494	\$104,502	\$458,924	\$1,858,940
(Figure is based on 3% surcharge of real property tax levy.)							

**EOEA Buildout for Vision 2020 Region
June 2000
Communities Carver - Easton**

	Carver	Cohasset	Dartmouth	Dighton	Duxbury	East Bridgewater	Easton
Population							
1990	10,590	7,075	27,244	5,631	13,895	11,104	19,807
1998	11,041	8,117	28,572	5,903	14,683	13,063	21,311
Buildout	32,615	10,769	56,871	30,051	23,693	23,534	37523
Students							
1990	2,160	1,096	4,309	2,624	2,793	2,164	3,009
1998	2,139	1,240	4,175	3,042	2,917	2,495	3,565
Buildout	6,183	1,699	8,521	7,737	4,721	5,427	6018
Households							
1990	3,551	2,563	9,167	1,927	4,625	3,564	6,511
1998	4,200	2,801	9,276	2,197	5,021	4,261	7,010
Buildout	11,841	3,837	18,934	10,611	8,128	8,450	12343
Water Use (gallons/day)							
1998	300,150	647,781	2,732,000	469,000	1,625,000	1,070,000	1,982,000
Buildout	3,357,345	932,212	7,742,088	3,109,984	2,303,034	2,110,372	4830958
Summary of Build Out Impacts							
Additional Developable Land Area (sq ft)	498,382,558	67,595,687	857,609,280	450,401,401	128,514,214	257,319,805	323,462,509
Additional Developable Area (acres)	11,441	1,551	19,688	10,340	2,950	5,907	7,426
Additional Residential Units	7,641	1,036	9,658	8,414	3,107	4,846	5,333
Additional Residents	21,574	2,652	28,299	24,148	9,010	13,713	16,212
Additional Commercial/Industrial Buildable Floor Area (sq ft)	18,788,695	1,140,728	91,917,910	11,065,027	30,542	19,234,564	21,773,665
Additional School Children at Build Out	4,044	459	4,346	4,695	1,804	3,392	2,453
Additional Water	3,057,195	284,431	5,010,088	2,640,984	678,034	2,331,622	2,848,958

Demand at Build Out (gallons/day)							
Additional Residential Water Demand at Build Out	1,618,073	198,876	2,122,418	1,811,107	675,743	908,670	1,215,933
Additional Commercial and Industrial Water Demand at Buildout	1,439,122	85,555	2,887,670	829,877	2,291	1,422,952	1,633,025
Additional Municipal Solid Waste (tons/yr)	18,942	1,360	7,448	12,388	4,622	13,206	17,672
Additional Non-Recyclable Solid Waste (tons)	11,068	967	5,299	8,809	3,287	10,419	13,943
Additional Recyclable Solid Waste (tons)	7,875	393	2,149	3,579	1,335	2,787	3,729
Additional Roadway at Build Out (miles)	124	15	202	166	60	74	91
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$297,633	\$418,025	\$709,475	\$149,379	\$728,780	\$330,598	\$640,450
(Figure is based on 3% surcharge of real property tax levy.)							

**EOEA Buildout for Vision 2020 Region
June 2000
Fairhaven - Hull**

	Fairhaven	Fall River	Freetown	Halifax	Hanover	Hanson	Hingham	Hull
Population								
1990	16,132	92,703	8,522	6,526	11,912	9,028	19,821	10,466
1998	16,803	90,654	8,796	7,163	12,691	9,773	19,923	10,807
Buildout	30,863	130,210	18,597	13,114	19,485	21,494	23,431	11,534
Students								
1990	2,023	13,166	1,608	1,096	2,212	1,606	3,007	1,507
1998	2,212	12,110	1,865	1,271	2,438	1,472	3,317	1,486
Buildout	6,149	16,650	3,771	2,336	3,806	3,425	3,927	1,591
Households								
1990	6,394	37,331	2,722	2,361	3,742	2,837	6,915	3,788
1998	6,686	36,554	2,996	2,595	4,092	3,073	7,119	4,018
Buildout	12,310	49,524	6,411	4,975	6,387	6,980	8,428	4,301
Water Use (gallons/day)								
1998	1,355,000	13,402,000	920,000	507,000	1,259,000	668,000	2019060	972140
Buildout	2,729,190	17,413,743	7,400,986	1,106,117	1,961,521	5,151,159	2447442	1069265
Summary of Build Out Impacts								
Additional Developable Land Area (sq ft)	140,994,169	286,612,553	525,551,400	164,241,677	110,649,840	152,895,600	89,908,752	2,073,751
Additional Developable Area (acres)	3,237	6,580	12,065	3,770	2,540	3,510	2,064	47.6
Additional Residential Units	5,624	12,970	3,415	2,380	2,295	3,907	1,309	283
Additional Residents	14,060	39,556	9,801	5,951	6,794	11,721	3,508	727
Additional Commercial/Industrial Buildable Floor Area (sq ft)	7,349,368	13,933,548	81,412,326	3,589,700	2,572,456	48,054,828	2,203,461	397,803
Additional School Children at Build Out	3,937	4,540	1,906	1,065	1,368	1,953	610	105
Additional Water Demand at Build Out	1,374,190	4,011,743	6,840,986	599,117	702,521	4,483,159	428,382	97,125

(gallons/day)								
Additional Residential Water Demand at Build Out	1,054,470	2,966,727	735,062	357,046	509,587	879,047	263,122	54,497
Additional Commercial and Industrial Water Demand at Buildout	319,720	1,045,016	6,105,924	242,072	192,934	3,604,112	165,260	42,628
Additional Municipal Solid Waste (tons/yr)	3,700	43,116	5,028	3,213	3,486	3,085	1800	373
Additional Non-Recyclable Solid Waste (tons)	2,633	34,018	3,578	1,735	2,479	2,195	1280	265
Additional Recyclable Solid Waste (tons)	1,067	9,098	1,450	1,478	1,007	890	520	108
Additional Roadway at Build Out (miles)	64	168	67	25.9	39	44	20	0.38
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$396,619	\$1,079,155	210,170	\$171,411	\$541,330	\$260,132	\$955,500	\$393,519
(Figure is based on 3% surcharge of real property tax levy.)								

**EOEA Buildout for Vision 2020 Region
June 2000
Kingston - Middleborough**

	Kingston	Lakeville	Mansfield	Marion	Marshfield	Mattapoisett	Middleborough
Population							
1990	9,045	7,785	16,568	4,496	21,531	5,850	17,867
1998	10,999	8,331	17,984	4,803	23,370	6,114	19,702
Buildout	17,401	15,839	23,607	11,715	33,259	22,723	50,089
Students							
1990	1,335	1,367	2,672	614	3,912	1,003	3,282
1998	1,901	1,597	3,944	794	4,413	1,027	3,464
Buildout	3,013	3,057	5,055	2,138	6,003	4,256	9,372
Households							
1990	3,245	2,604	5,940	1,587	7,557	2,233	6,056
1998	3,761	3,150	7,356	1,894	8,427	2,497	6,678
Buildout	6,282	5,766	9,347	4,322	11,483	8,314	17,266
Water Use (gallons/day)							
1998	1,169,000	624,825	1,925,000	644,000	2,758,000	528,000	2,981,000
Buildout	2,082,958	1,187,925	3,147,044	1,571,765	4,001,699	2,293,902	7,613,066
Summary of Build Out Impacts							
Additional Developable Land Area (sq ft)	202,449,251	283,675,405	105,240,960	189,921,600	179,824,824	261,614,568	925,866,120
Additional Developable Area (acres)	4,648	6,512	2,416	4,360	4,128	6,006	21,255
Additional Residential Units	2,521	2,616	1,991	2,428	3,056	5,817	10,588
Additional Residents	6,402	7,508	5,713	6,912	9,889	16,609	30,387
Additional Commercial/Industrial Buildable Floor Area (sq ft)	6,404,567	48,070,096	10,580,993	5,458,152	6,693,238	6,936,457	31,374,341
Additional School Children at Build Out	1,112	1,460	1,111	1,344	1,590	3,229	5,908
Additional Water Demand at Build Out	913,958	4,608,608	1,222,044	927,765	1,243,699	1,765,902	4,632,066

(gallons/day)							
Additional Residential Water Demand at Build Out	444,880	563,100	428,470	518,404	741,706	1,245,667	2,278,990
Additional Commercial and Industrial Water Demand at Buildout	469,078	4,045,479	793,574	409,361	501,993	520,234	2,353,076
Additional Municipal Solid Waste (tons/yr)	3,213	3852	2,931	3,546	5,073	8,521	15,588
Additional Non-Recyclable Solid Waste (tons)	1,735	2921	2,084	2,522	3,608	6,059	11,091
Additional Recyclable Solid Waste (tons)	1,478	931	847	1,024	1,465	2,462	4,497
Additional Roadway at Build Out (miles)	26.8	56	30	47	41	97	90
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$366,296	236,611	\$743,769	\$245,398	\$788,249	\$273,527	\$488,825
(Figure is based on 3% surcharge of real property tax levy.)							

**EOEA Buildout for Vision 2020 Region
June 2000
New Bedford - Plympton**

	New Bedford	North Attleborough	Norton	Norwell	Pembroke	Plainville	Plymouth	Plympton
Population								
1990	99,922	25,038	14,265	9,279	14,544	6,871	45,608	2,384
1998	99,927	25,973	15,205	9,716	17,425	7,178	49,810	2,678
Buildout	112,609	41,692	28,305	16,637	22,108	14,971	104,066	9,409
Students								
1990	15,218	3,715	2,252	1,692	2,615	939	7,183	459
1998	14,490	4,361	2,741	1,849	3,096	980	8,671	537
Buildout	16,194	7,418	5,288	3,221	4,031	2,488	17,714	1,749
Households								
1990	38,788	9,235	4,641	3,004	4,734	2,642	15,889	763
1998	38,731	9,235	5,581	3,227	5,506	2,949	17,355	858
Buildout	43,101	15,056	10,146	5,622	7,115	5,699	37,450	3,702
Water Use (gallons/day)								
1998	12,473,000	2,748,000	1,387,000	955,000	1,240,000	682,000	9,489,000	200,850
Buildout	15,184,436	4,833,709	3,693,546	1,522,062	1,655,665	2,113,647	16,742,047	665,309
Summary of Build Out Impacts								
Additional Developable Land	120,219,339	189,301,800	443,484,360	130,237,036	118,022,669	145,734,858	1,265,243,760	249,458,984

Area (sq ft)								
Additional Developable Area (acres)	2,760	4,346	10,181	2,990	2,709	3,345	29,046	5,727
Additional Residential Units	4,370	5,821	4,565	2,395	1,609	2,750	20,095	2,844
Additional Residents	12,682	15,719	13,100	6,921	4,683	7,793	54,256	6,731
Additional Commercial/Industrial Buildable Floor Area (sq ft)	23,480,684	12,091,394	17,653,497	639,847	858,842	11,295,409	16,352,167	6,041,342
Additional School Children at Build Out	1,704	3,057	2,547	1,372	935	1,508	9,043	1,212
Additional Water Demand at Build Out (gallons/day)	2,711,436	2,085,709	2,306,546	567,062	415,665	1,431,647	7,253,047	877,769
Additional Residential Water Demand at Build Out	950,385	1,178,854	982,536	519,073	351,252	584,492	4,069,201	464,459
Additional Commercial and Industrial Water Demand at Buildout	1,761,051	906,855	1,324,010	47,989	64,413	847,156	3,183,847	413,310
Additional Municipal Solid Waste (tons/yr)	138,143	8,063	6,721	3,550	2,403	3,998	14,278	3,635
Additional Non-Recyclable Solid Waste (tons)	10,898	5,737	4,779	2,525	1,708	2,845	10,159	1,963

Additional Recyclable Solid Waste (tons)	2,915	2,326	1,942	1,025	695	1,153	4,119	1,672
Additional Roadway at Build Out (miles)	33	124	83	41	24	62	248	39.2
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$1,479,623	\$651,077	\$377,302	\$493,068	\$478,440	\$188,284	\$1,601,397	\$87,810
(Figure is based on 3% surcharge of real property tax levy.)								

Out Impacts									
Additional Developable Land Area (sq ft)	284,359,680	894,695,991	839,499,488	71,774,617	88,829,792	226,424,880	50,398,920	80,489,007	322,779,600
Additional Developable Area (acres)	6,528	20,539	19,272	1,648	2,039	5,198	1,157	1,848	7,410
Additional Residential Units	3,257	9,024	8,415	1,083	2,883	3,019	1,618	772	6,572
Additional Residents	9,349	25,898	24,152	3,205	7,484	7,735	4,285	2,045	18,858
Additional Commercial/Industrial Buildable Floor Area (sq ft)	22,998,296	1,719,131	14,935,662	4,428,440	320,850	7,277,534	5,090,103	12,030,998	1,806,774
Additional School Children at Build Out	1,818	5,035	4,696	645	1,314	1,504	833	324	3,666
Additional Water Demand at Build Out (gallons/day)	2,426,017	2,071,251	2,931,560	572,498	584,088	1,123,816	703,142	998,344	1,549,846
Additional Residential Water Demand at Build Out	701,145	1,942,316	1,811,385	240,365	560,024	578,001	321,384	96,110	1,414,338
Additional Commercial and Industrial Water Demand at Buildout	1,724,872	128,935	1,120,175	332,133	24,064	545,815	381,758	902,234	135,508
Additional Municipal Solid Waste (tons/yr)	4,796	13,285	12,390	1,644	3,831	3,968	2,198	1,049.0	9,674

**EOEA Buildout for Vision 2020 Region
June 2000
Taunton - Whitman**

	Taunton	Wareham	West Bridgewater	Westport	Whitman
Population					
1990	49,832	19,232	6,389	13,852	13,145
1998	54,408	19,545	6,742	14,156	13,666
Buildout	96,578	34,912	18,922	50,747	17,948
Students					
1990	7,311	3,344	1,080	1,818	1,817
1998	8,197	3,498	999	1,831	2,483
Buildout	20,005	6,453	2,432	7,712	3,682
Households					
1990	18,849	7,370	2,245	4,952	4,151
1998	21,135	7,605	2,366	5,061	4,552
Buildout	38,003	13,107	5,351	18,129	6,265
Water Use (gallons/day)					
1998	6,425,000	2,127,000	732,000	1,061,700	770,000
Buildout	12,398,549	6,316,375	3,049,285	5,581,757	1,671,334
Summary of Build Out Impacts					
Additional Developable Land Area (sq ft)	485,258,400	553,867,151	211,542,630	878,779,440	82,677,369
Additional Developable Area (acres)	11,140	12,715	4,856	20,174	1,898
Additional Residential Units	16,868	5,502	4,200	13,068	1,713
Additional Residents	42,170	15,367	12,180	36,591	4,282
Additional Commercial/Industrial Buildable Floor Area (sq ft)	75,503,486	27,129,646	19,600,528	94,706,902	7,599,453
Additional School Children at Build Out	11,808	2,955	2,016	5,881	1,199
Additional Water	5,973,549	4,189,375	2,383,526	4,520,057	901,334

Demand at Build Out (gallons/day)					
Additional Residential Water Demand at Build Out	3,162,749	2,154,652	913,486	2,744,303	321,175
Additional Commercial and Industrial Water Demand at Buildout	2,810,800	2,034,723	1,470,040	1,775,754	569,959
Additional Municipal Solid Waste (tons/yr)	11,098	7,883	13276	9,630	4,668
Additional Non-Recyclable Solid Waste (tons)	7,892	5,608	10,475	6,851	3683
Additional Recyclable Solid Waste (tons)	3,206	2,274	2,801	2,778	985
Additional Roadway at Build Out (miles)	130	125	56	223	26
Estimated Annual Funding for Community Preservation efforts in municipality with passage of the Community Preservation Act.	\$1,041,728	\$519,687	\$248,149	335,621	\$337,714
(Figure is based on 3% surcharge of real property tax levy.)					