

Table 6: Build-out Study Comparisons

Communities/C omponents	Billerica	Chelmsford	Dracut	Dunstable	Lowell	Pepperell	Tewksbury	Tyngsborough	Westford
Developable Land (sq. ft.)	109,552,093	76,491,360	217,223,755	293,986,440	41,052,809	348,436,444	74,586,949	110,385,396	293,024,087
Developable Land (acres)	2,515	1,756	4,987	6,749	942	7,999	1,712	2,534	6,727
Residential Lots (total)	1,748	1,053	3,134	2,227	1,723	3,514	1,268	1,737	4,637
Comm./Ind. Buildable Floor Area (sq.ft.)	18,197,516	6,070,182	17,352,521	2,397,063	18,373,027	12,981,377	4,718,720	15,743,934	17,964,654
Residential Water Use (gallons per day)	412,650	249,450	718,729	547,038	429,900	785,400	276,600	396,014	1,067,636
Comm./Ind. Water Use (gallons per day)	1,364,814	455,264	1,301,439	179,780	1,377,977	973,626	351,793	1,180,795	1,347,349
Municipal Solid Waste (tons)	2,827	2,006	4,916	3,742	2,941	6,315	1,892	2,709	7,303
Non-Recycled Solid Waste (tons)	2,007	1,214	3,496	2,661	2,091	3,665	1,345	783	5,193
New Residents	5,504	3,326	11,205	7,194	5,732	10,472	3,688	5,280	14,235
New Students	1,580	530	1,437	1,536	973	1,968	395	816	2,550
New Residential Subdivision Roads (miles)	37	18	62	51	14	70	19	39	103

Notes:

1. “Residential Water Use” is based on 75 gallons per day per person.
2. “Comm./Ind. Water Use” is based on 75 gallons per 1,000 square feet of floor space.
3. “Municipal Solid Waste” is based on 1,206 pounds per person per year.

All waste estimates are for residential uses only.

- 4. “Non-Recycled Solid Waste” is a subset of Municipal Solid Waste and is based on 730 pounds per person per year ending up in a landfill or incinerator.**
- 5. The number of “Residents” at buildout is based on the persons per household figure derived from the 1990 U.S. Census.**
- 6. The number of “Students” at buildout is based on a student per household ratio taken from 1990 U.S. Census data.**
- 7. “New Residential Subdivision Roads” are based on the assumption that 60% of the new residential lots will have required frontage on new subdivision roads.**