



INFRASTRUCTURE



Table 6.1 Household Refuse * (2000)	
Estimated annual tons (Amherst residential)	13,051
Recycling (in tons)	3,893

* Amherst DPW

Table 6.2 Electric Customers * (2000)	
Residential	8,609
Business	850
Total	9,459

*Western Mass Electric Company. Note: Massachusetts began to deregulate the electric industry in 1997. In the future, there will be a number of retail suppliers of electricity.

Table 6.3 Water Supply & Demand (Millions Gallons per Day) * (2000)	
Safe yield	6.87
Average daily demand	3.7
Max daily demand	4.9
Percent served by system	98%

*Amherst DPW

Table 6.4 Source of Water for Year-Round Housing * (2000)	
Public system	9,267 units
Individual well	160 units
Other source	-

Table 6.5 Sewage Disposal for Year-Round Housing * (2000)	
Public sewer	8,127 units
Septic tank/cesspool	1,300 units
Other	-

* Amherst Board of Health and DPW estimates

Table 6.6 Amherst Open Space* (2000)		
	# of Areas	Acres
Conservation Land	51	1,965
Conservation Restrictions	12	159
Agricultural Preservation Restrictions (APRs)	32	1,841
Total	95	3,965

*Amherst Conservation Commission

Table 6.7 Estimated Passenger Vehicles * (2000)	
Autos	12,438
Light trucks	3,175
Motorcycles	220
Total	15,833

*PVPC

Table 6.8 Automobile Excise Bills Issued *	
Year	Number of Excise Bills
1990	18,142
1997	19,510
2001	19,329

* Amherst Assessor's Office

Table 6.9 Auto Ownership by Percent of Households (2000)		
	Number	Percent
No car	813	8.9
1 car	3,749	40.9
2 cars	3,342	36.4
3 or more	1,269	13.8

Table 6.10 Means of Transport to Work (2000)		
	Number	Percent
Workers 16 years and over	17,851	100.0
Car, truck, or van – drove alone	9,395	52.6
Car, truck, or van – carpooled	1,313	7.4
Public transportation (including taxis)	1,345	7.5
Walked	4,366	24.5
Other means	477	2.7
Worked at home	955	5.3
Mean travel time to work (minutes)	18.0	X

Table 6.11 Miles of Road * (2000)	
MassHighway (1)	9.1
Town and County	106.0
Public Institutions	8.2
Private	9.5
Total	132.8

* Planning Department
(1) MassHighway

Table 6.12 Area Transportation Services

Rail:	<p>Passenger Service by AMTRAK from Washington, D.C. to St. Albans, VT. Freight Service by New England Central Railroad</p>
Bus:	<p>Peter Pan Bus Lines, Inc. provides intrastate and interstate service Pioneer Valley Transit Authority provides local service</p>
Airport:	<p>Nearest – Northampton Airport Nearest major airport – Bradley International in Windsor Locks, CT -- 45 miles</p>
Highway:	<p>Major access to Amherst via Interstate 91 that runs north to Canada and south to New Haven, CT Access to Boston via Route 2 or the Massachusetts Turnpike (I-90) State routes to Amherst via Routes 116, 9, and 63.</p>
Bikepaths:	<p>Bi-walk along South Pleasant/West Street connects Hampshire College with UMass. Norwottuck Rail Trail connects Amherst with Northampton and Belchertown. University Drive Bikepath connects UMass to the Norwottuck Rail Trail. Bike lanes on Pleasant Street through downtown and North East Street.</p>

A-6: Infrastructure

	1960	1970	1980	1990
Table 6.1 Household Refuse*				
Estimated annual tons	N/A	N/A	16,388	19,805
Recycling	N/A	N/A	N/A	2,646

1980 – PVPC 1984 Base Data Report; 1990 – Amherst DPW

	1960	1970	1980	1990
Table 6.2 Electric Customers *				
Residential	N/A	N/A	N/A	8,100
Business	N/A	N/A	N/A	861
Total	N/A	N/A	7,177	8,961

*1980 – PVPC 1984 Base Data Report

1990- Western Mass Electric Co.

	1980	1990
Table 6.3 Telephone Customers*		
Customers by municipal exchange		
Residential	8,577	9,300
Business	1,149	3,300
Misc.	8,553	-
Total	18,279	
No telephone unit	228	171

*1980 – PVPC 1984 Base Data Report; 1990 New England Telephone

	1980	1990
Table 6.4 Water Supply & Demand (in million gallons per day)*		
Safe yield	4.1	6.54
Average daily demand	3.2	3.9
Maximum daily demand	5.8	5.8
Percent served by system	98	98

*1980 – PVPC 1984 Base Data Report; 1990 – Amherst DPW

	1960	1970	1980	1990
Table 6.5 Source of Water for Year-Round Housing				
Public system / private comp.	2,100	4,895	7,534	8,607
Individual well	15	130	158	204
Other source	-	9	3	5

	1960	1970	1980	1990
Table 6.6 Sewage Disposal for Year-Round Housing				
Public Sewer	2,054	4,406	6,937	7,798
Septic tank/cesspool	56	623	752	1,011
Other	5	5	6	7

Table 6.7 Amherst Open Space * (1990)		
	# of Areas	Acres
Conservation land	41	1,271
Conservation Restrictions	10	138
Agricultural Preservation Restrictions (APR)	23	1,424
Total	74	2,833

* Amherst Conservation Commission

	1960	1970	1980	1990
Table 6.8 Estimated Passenger Vehicles *				
Autos	N/A	N/A	9,889	11,084
Light Trucks	N/A	N/A	606	1,323
Motorcycles	N/A	N/A	340	46
Total	N/A	N/A	10,835	13,502

* 1980 – PVPC 1984 Base Data Report

	1960	1970	1980	1990
Table 6.9 Auto Ownership by Percent of Households				
No car	N/A	10.0	9.4	9.6
1 car	N/A	57.0	49.9	41.2
2 cars	N/A	27.0	29.5	34.6
3 or more	N/A	6.0	11.3	14.5

	1960	1970	1980	1990
Table 6.10 Means of Transport to Work				
Drive alone	N/A	4,298	5,548	7,885
Carpool	N/A	900	1,689	1,153
Transit	N/A	65	1,996	1,894
Walk or work at home	N/A	3,370	5,135	5,974
Other means	N/A	253	456	310
Total workers over 16 years	N/A	8,891	14,824	17,216

	1960	1970	1980	1990
Table 6.11 Miles of Road *				
Mass DPW	N/A	N/A	9.1	7.1
Town and County	N/A	N/A	85.7	91.2
Public institutions	N/A	N/A	8.2	8.2
Private	N/A	N/A	18.5	8.5
Total	N/A	N/A	121.5	115

1980 – PVPC Base Data Report; 1990 – Amherst DPW