Bay State Gas
Main Leak History by Type
2000 through 2004 [1]

Line No.	Leak Category	[1] 2000	[2] 2001	[3] 2002	[4] 2003	[5] 2004	[6] 5 Year Average
1	Corrosion	804	686	613	771	674	710
2	Third Party	50	43	47	36	50	45
3	Outside Force	111	76	53	84	118	88
4	Construction Defect	2	2	1	5	-	2
5	Material Defect	18	40	61	97	44	52
6	Other	671	589	677	683	917	707
7	Total	1,656	1,436	1,452	1,676	1,803	1,605

[1] Data source: Bay State Gas' U.S. Department of Transportation Office of Pipeline Safety (DOT) (DOT form RSPA F7100.1-1) annual distribution mains and leak-related data filings for the years 2000 through 2004

Corrosion is the escape of gas resulting from a hole in the pipeline or component caused by galvanic, bacterial, chemical, stray current, or other corrosive action.

Third Party is an outside force damage directly attributed to the striking of gas pipeline facilities by earth moving equipment, other equipment, tools, vehicles, vandalism, etc. Damage is by personnel other than the operator or contractor working for the operator.

Outside Force is damage resulting from earth movement, including earthquakes, landslides, washouts, frost heave, frozen components, etc.

Construction Defect is one resulting from failure of origianl sound material that is due to external force being applied during field construction which caused a dent, gouge, excessive stress or other defect which resulted in subsequent failure. Also included are faulty wrinkle bends, faulty field welds, and damage sustained in transportation to the construction or fabrication site.

Material Defect is one resulting from a defect within the material of the pipe or component or the longitudinal weld/seam that is due to faulty manufacturing procedures.

Other would be the result of any cause, such as equipment operating malfunction, failure of mechanical joints, or connections not attributable to any of the above.