

3.2.7 Commercial Building Median Lifetimes (Years)

<u>Building Type</u>	<u>Median (1)</u>	<u>66% Survival (2)</u>	<u>33% Survival (2)</u>
Assembly	55	40	75
Education	62	45	86
Food Sales	55	41	74
Food Service	50	35	71
Health Care	55	42	73
Large Office	65	46	92
Mercantile & Service	50	36	69
Small Office	58	41	82
Warehouse	58	41	82
Lodging	53	38	74
Other	60	44	81

Note(s): 1) PNNL estimates the median lifetime of commercial buildings is 70-75 years. 2) Number of years after which the building survives. For example, a third of the large office buildings constructed today will survive 92 years later.

Source(s): EIA, Assumptions for the Annual Energy Outlook 2011, July 2011, Table 5.2, p. 40; EIA, Model Documentation Report: Commercial Sector 'Demand Module of the National Energy Modeling System, May 2010, p. 30-35; and PNNL, Memorandum: New Construction in the Annual Energy Outlook 2003, Apr. 24, 2003 for Note 2.