Buildings Energy Data Book: 3.1 Commercial Sector Energy Consumption

March 2012

3.1.3	Commercial Delivered and Primary Energy Consumption Intensities, by Year						
	Percent		Delivered Energy Consumption		Primary Energy Consumption		
		Floorspace	Post-2000	Total	Consumption per	Total	Consumption per
	-	(million SF)	Floorspace (1)	<u>(10^15 Btu)</u>	SF (thousand Btu/SF)	<u>(10^15 Btu)</u>	SF (thousand Btu/SF)
1980		50.9	N.A.	5.99	117.7	10.57	207.7
1990		64.3	N.A.	6.74	104.8	13.30	207.0
2000	(2)	68.5	N.A.	8.20	119.7	17.15	250.3
2010		81.1	26%	8.74	107.7	18.22	224.6
2015		84.1	34%	8.88	105.5	18.19	216.2
2020		89.1	43%	9.02	101.2	19.15	214.9
2025		93.9	52%	9.56	101.8	20.06	213.6
2030		98.2	60%	9.96	101.5	20.92	213.1
2035		103.0	68%	10.38	100.8	21.78	211.4
Note(s):	1) Percent built after Dec. 31, 2000. 2) Data for 2000 and after excludes parking garages and commercial buildings on multi-building manufacturing facilities.						
Source(s):	EIA, State Energy Consumption Database, June 2011 for 1980-2009; DOE for 1980 floorspace; EIA, Annual Energy Outlook 1994, Jan. 1994, Table A5, p. 62 for 1990 floorspace; EIA, AEO 2003, Jan. 2003, Table A5, p. 127 for 2000 floorspace; and EIA, Annual Energy Outlook 2012 Early Release, Jan. 2012, Summary Reference Case Tables, Table A2, p. 3-5, Table A5, p. 11-12, and Table A17, p. 34-35 for 2008-2035.						