Table B8. Year Constructed, Number of Buildings, 1999

Suluring Floorspace Suluring Feet)				Nu	mber of Buildi	ings (thousan	d)			
All Buildings	1									
Suluring Floorspace Suluring Feet)					1946 to	1960 to	1970 to			
	All Buildings	4,657	419	499	763	665	774	846	690	
	Ruilding Floorenaco									
1,001 to 5,000										
1,000		2 348	227	270	359	321	367	413	390	
10.001 to 25.000		*								
25.001 to 150.000									65	
50.001 to 10.0000										
100,001 to 200,000										
200,001 to 500,000	•									
Principal Building Activity										
Principal Building Activity Education 327 18 32 71 69 53 37 48 75 75 75 75 75 75 75 7										
Education 327 18 32 71 69 53 37 44 Food Sales 174 0 0 0 0 0 0 0 0 Food Sales 174 0 0 0 0 0 0 0 0 Food Sales 174 0 0 0 0 0 0 0 0 Food Sales 174 0 0 0 0 0 0 0 0 Food Sales 174 0 0 0 1 2 2 2 0 Inpatient 111 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 1 2 2 2 2 0 Inpatient 116 0 0 0 0 0 3 3 3 29 22 Inpatient 116 0 0 0 0 0 0 3 3 3 29 22 Inpatient 116 0 0 0 0 0 0 3 3 3 29 22 Inpatient 116 0 0 0 0 0 0 0 0 0	Over 500,000	/	Q	1	1	1	2	2	1	
Food Sales	Principal Building Activity									
Food Service	Education	327	18	32	71	69	53	37	47	
Health Care	Food Sales	174	Q	Q	Q	Q	Q	Q	50	
Inpatient	Food Service	349	Q	48	Q	50	70	80	Q	
Cutpatient 116 Q Q Q 36 14 22 Lodging 153 Q Q 15 33 33 29 22 Mercarulle 667 93 61 154 60 112 127 66 Retail (Other Than Mall) 534 92 46 140 44 78 88 44 Enclosed and Striy Malls 133 Q Q 14 16 35 39 14 16 35 39 14 16 35 39 14 16 35 39 14 20 16 66 115 169 134 20 14 16 35 39 14 20 16 66 36 48 42 59 43 48 40 76 47 58 82 73 33 38 46 68 89 88 27 33 38 45 60 <	Health Care	127	Q	Q	27	16	38	15	23	
Lodging	Inpatient	11	Q	Q	1	2	2	2	Q	
Lodging	•	116	Q	Q	Q	Q	36	14	23	
Mercantile									24	
Retail (Other Than Mail)	5 5								60	
Enclosed and Strip Malls										
Office 739 72 55 96 98 115 169 138 Public Assembly 305 34 37 31 58 42 59 42 Public Assembly 305 34 37 31 58 42 59 44 Public Order and Safety 72 Q Q Q Q Q Q Q Q Q Q S ERIBJOUS Worship 307 44 Q 76 47 58 27 33 Service 478 Q 78 89 66 89 88 72 33 Service 102 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	•									
Public Assembly. 305 34 37 31 58 42 59 43 Public Order and Safety 72 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	•									
Public Order and Safety 72 Q Q Q Q Q Q Q Selegious Worship 307 44 Q 76 47 58 27 33 58 27 33 58 27 30 58 27 48 Q 78 89 66 89 88 0 03 36 66 68 68 62 91 132 140 016										
Religious Worship 307 44 Q 76 47 58 27 33 Service 478 Q 78 89 66 89 88 0 Warehouse and Storage 603 36 66 68 62 91 132 144 Other 102 Q Q Q Q 27 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	<u> </u>									
Service 478	, and the second								5	
Warehouse and Storage 603 36 66 68 62 91 132 148 Other 102 Q Q Q 27 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 253 49 57 67 45 Q Q Q Vacant 325 Q Q Q Q Q Q Vacant 325 Q Q Q Q Q Q Q Q Vacant 325 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	Religious Worship	307	44	Q	76	47	58	27	33	
Other 102 Q Q Q 27 Q<	Service	478	Q	78	89	66	89	88	Q	
Vacant	Warehouse and Storage	603	36	66	68	62	91	132	149	
Place	Other	102	Q	Q	Q	27	Q	Q	Q	
One 2,879 88 209 478 461 568 547 528 Two 1,168 141 186 202 155 155 221 127 Three 420 136 81 72 31 38 45 18 Four to Nine 178 52 41 10 17 11 30 17 Ten or More 11 Q 2 1 2 2 3 -7 Census Region Northeast 686 126 65 138 97 77 122 66 Midwest 1,188 172 206 174 155 141 165 178 South 1,762 69 155 289 199 338 408 30 West 1,021 52 73 162 215 219 151 144 West 2,376 280 331 </td <td>Vacant</td> <td>253</td> <td>49</td> <td>57</td> <td>67</td> <td>45</td> <td>Q</td> <td>Q</td> <td>Q</td>	Vacant	253	49	57	67	45	Q	Q	Q	
One 2,879 88 209 478 461 568 547 528 Two 1,168 141 186 202 155 155 221 127 Three 420 136 81 72 31 38 45 18 Four to Nine 178 52 41 10 17 11 30 17 Ten or More 11 Q 2 1 2 2 3 -7 Census Region Northeast 686 126 65 138 97 77 122 66 Midwest 1,188 172 206 174 155 141 165 178 South 1,762 69 155 289 199 338 408 30 West 1,021 52 73 162 215 219 151 144 West 2,376 280 331 </td <td>Floors</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Floors									
Two		2 870	88	200	478	461	568	547	520	
Three		*								
Four to Nine		*								
Census Region Northeast 686 126 65 138 97 77 122 62 Midwest 1,188 172 206 174 155 141 1655 177 South 1,762 69 155 289 199 338 408 304 West 1,021 52 73 162 215 219 151 148 Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 125 10 to 19 683 52 58 107 95 110 159 100 20 to 49 487 12 29 84 78 81 116 86 50 to 99 174 3 8 22 27 43 44 27 100 to 249										
Census Region Northeast 686 126 65 138 97 77 122 66 Midwest 1,188 172 206 174 155 141 165 175 South 1,762 69 155 289 199 338 408 304 West 1,021 52 73 162 215 219 151 145 Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 330 Sto 9 807 62 65 135 124 174 126 127 10 to 19 683 52 58 107 95 110 159 100 20 to 49 487 12 29 84 78 81 116 85 Sto 199 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 Weskly Operating Hours Weskly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 156 61 to 84 664 39 68 122 109 111 18 98 65 to 167 474 20 42 41 50 111 128 85									17	
Northeast 686 126 65 138 97 77 122 62 62 63 65 65 65 65 65 65 65 65 65 65 65 65 65	Terror Wore		Q	2	'	2	2	3	,	
Midwest 1,188 172 206 174 155 141 165 176 South 1,762 69 155 289 199 338 408 304 West 1,021 52 73 162 215 219 151 148 Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 336 5 to 9 807 62 65 135 124 174 126 122 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 81 30 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operatin	Census Region									
South 1,762 69 155 289 199 338 408 304 West 1,021 52 73 162 215 219 151 148 Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 122 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 11* 40 to 48 1,156 116 145 213 154 147 222 156 49 to 60 986						97			62	
Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 127 10 to 19 683 52 58 107 95 110 159 100 20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 11 40 to 48 1,156 116 145 213 154 147 222 156 49 to 60 986 95 75 152 145 185 150 188 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20	Midwest	1,188	172	206	174	155	141	165	175	
Workers (main shift) Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 127 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 11* 40 to 48 1,156 116 145 213 154 147 222 156 49 to 60 986 95 75 152 145 185 150 186 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 <t< td=""><td>South</td><td>1,762</td><td>69</td><td>155</td><td>289</td><td>199</td><td>338</td><td>408</td><td>304</td></t<>	South	1,762	69	155	289	199	338	408	304	
Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 12 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 87 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 156 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 <td>West</td> <td>1,021</td> <td>52</td> <td>73</td> <td>162</td> <td>215</td> <td>219</td> <td>151</td> <td>149</td>	West	1,021	52	73	162	215	219	151	149	
Fewer than 5 2,376 280 331 405 316 344 371 330 5 to 9 807 62 65 135 124 174 126 12 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 87 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 156 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 <td>Workers (main shift)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Workers (main shift)									
5 to 9 807 62 65 135 124 174 126 122 10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474		2.376	280	331	405	316	344	371	330	
10 to 19 683 52 58 107 95 110 159 102 20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82		,							121	
20 to 49 487 12 29 84 78 81 116 85 50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82										
50 to 99 174 3 8 22 27 43 44 27 100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82										
100 to 249 90 Q 5 7 21 15 19 16 250 or More 39 Q 3 3 5 8 11 7 Weekly Operating Hours 39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82										
Weekly Operating Hours 39 PRING 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82										
39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82	250 or More								7	
39 or Fewer 978 132 140 189 130 152 124 117 40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82										
40 to 48 1,156 116 145 213 154 147 222 158 49 to 60 986 95 75 152 145 185 150 185 61 to 84 664 39 68 122 109 111 118 96 85 to 167 474 20 42 41 50 111 128 82	Weekly Operating Hours	079	122	140	190	120	150	104	111	
49 to 60										
61 to 84										
85 to 167									185	
									96	
Open Continuously	85 to 167								82	
	Open Continuously	398	17	29	46	77	67	104	58	

Table B8. Year Constructed, Number of Buildings, 1999

			Nu	mber of Build	ings (thousan	d)		
					ar Constructe			
	All Buildings	1919 or Before	1920 to 1945	1946 to	1960 to	1970 to	1980 to 1989	1990 to 1999
	Dullulligs	Delore	1345	1909	1909	19/9	1303	1333
Ownership and Occupancy								
Nongovernment Owned	4,135	384	436	670	581	684	761	619
Owner Occupied	2,801	256	291	450	377	465	532	431
Nonowner Occupied	1,099	94	130	159	172	201	195	148
Unoccupied	236	Q	Q	62	Q	Q	Q	Q
Government Owned	521	35	63	93	85	90	85	71
Vacancy Status								
Completely Vacant	140	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant	113	Q	Q	Q	Q	Q	Q	Q
Partially Vacant	697	71	64	89	89	104	134	146
Not At All Vacant	3,707	298	379	606	531	652	704	537
Energy Sources (more than								
one may apply)								
Electricity	4,395	363	480	716	628	758	781	669
Natural Gas	2,670	291	329	426	406	481	389	349
Fuel Oil	434	53	55	109	65	37	70	45
District Heat	117	20	9	21	18	Q	16	15
District Chilled Water	50	Q	2	5	7	Q	Q	4
Propane	451	Q	45	65	72	66	89	94
Other	153	Q	Q	36	12	24	39	Q
Energy End Uses (more than								
one may apply)								
Buildings with Space Heating	4,016	350	430	666	557	691	713	608
Buildings with Cooling	3,560	260	313	589	496	649	702	549
Buildings with Water Heating	3,239	277	311	493	493	592	623	450
Buildings with Cooking	857	69	85	115	131	161	173	124
Buildings with Manufacturing	151	Q	Q	28	19	32	37	Q
Buildings with Electricity								
Generation	172	Q	4	41	25	23	26	44
Percent of Floorspace Heated								
Not Heated	641	69	69	97	108	83	133	82
1 to 50	576	48	79	93	58	107	113	78
51 to 99	627	56	103	86	75	86	111	109
100	2,813	246	248	487	424	498	490	421
Percent of Floorspace Cooled								
Not Cooled	1,097	159	186	174	169	125	144	141
1 to 50	,	105	133	205	126	163	148	131
51 to 99		65 90	94 86	102 282	123 247	118 368	128 426	122 296
	1,700	00	00	202	2.,	000	120	200
Percent Lit When Open Zero	34	N	N	Q	Q	Q	Q	Q
1 to 50		122	152	159	91	113	108	91
51 to 99		121	107	202	218	237	199	144
100		99	175	315	283	374	464	387
Building Never Open/	464	77	G.E.	00	70	40	70	0
Electricity Not Used	464	77	65	82	72	43	73	Q
Heating Equipment (more than one may apply)								
Heat Pumps	492	6	23	95	39	102	124	103
•		163	23 206	95 251	191	205	237	208
Furnaces								
Individual Space Heaters	894	79 10	107	180	110	172	127	119
District Heat	96 591	19	9	21	16	Q	11	4
Boilers	581	100	83	121	98	63	65	52
Packaged Heating Units		40	110	157	213	304	289	235
Other	185	Q	Q	33	19	35	59	Q

Table B8. Year Constructed, Number of Buildings, 1999

			Nu	mber of Build	ings (thousan	d)			
		Year Constructed							
	All	1919 or	1920 to	1946 to	1960 to	1970 to	1980 to	1990 to 1999	
	Buildings	Before	1945	1959	1969	1979	1989	1999	
Cooling Equipment (more									
than one may apply)									
Residential-Type Central									
Air Conditioners	676	78	75	129	39	105	143	107	
Heat Pumps	485	Q	24	89	39	106	121	91	
Individual Air Conditioners	799	101	124	178	102	112	96	86	
District Chilled Water	50	Q	2	5	7	Q	Q	4	
Central Chillers	130	Q	8	13	32	17	22	29	
Packaged Air Conditioning									
Units	1,953	92	143	275	332	398	421	291	
Swamp Coolers	136	Q	Q	29	25	33	19	6	
Other	49	Q	Q	Q	Q	Q	Q	Q	
Main Equipment Replaced Since 1995 (more than one may apply)									
Heating	984	83	116	201	128	211	138	107	
Cooling	1,085	83	112	216	157	239	186	93	
Lighting Equipment Types									
(more than one may apply)									
Incandescent	2,193	221	283	334	307	391	415	242	
Standard Fluorescent	3,778	307	376	622	525	674	721	552	
Compact Fluorescent	607	44	58	56	122	81	123	121	
High Intensity Discharge	430	41	31	54	48	69	94	93	
Halogen	572	55	33	79	86	112	131	77	
Other	58	Q	Q	Q	Q	Q	Q	Q	
Personal Computers									
None	1,617	187	222	297	209	243	253	206	
1 to 4	1,636	156	194	274	245	297	272	198	
5 to 9	542	33	28	80	68	117	100	117	
10 to 19	403	27	12	43	66	53	108	94	
20 to 49	247	10	23	49	35	32	57	40	
50 to 99	105	Q	14	10	17	15	29	18	
100 to 249	71	3	4	6	18	10	18	12	
250 or More	36	Q	3	4	6	7	9	5	
Photocopiers									
None	2,825	289	338	502	409	446	489	352	
One	1,114	88	100	160	178	205	184	198	
2 to 4	540	37	53	85	53	89	126	97	
5 to 9		Q	Q	4	16	21	23	34	
10 or More	75	3	5	Q	9	13	24	10	
Other Electronic Equipment									
(more than one may apply)	4.040	100	150	200	20-	202	440	00-	
Laser Printers		163	153	290	305	300	412	327	
FAX Machines Medical Diagnostic Equipment	,	222 Q	251 Q	430 23	383 8	481 28	564 14	476 11	
Energy-Related Space Functions									
(more than one may apply)									
Commercial Food Preparation	767	53	82	100	127	135	163	108	
Activities with Large	707	00	02	100	121	100	100	100	
Amounts of Hot Water	698	46	92	84	120	154	131	70	
Building Shell Conservation									
Features (more than one									
may apply)									
Multipaned Windows	2,130	206	182	283	282	301	446	428	
Tinted, Reflective, or									
Shading Glass	1,283	82	71	163	174	283	302	210	
	,3							•	

Table B8. Year Constructed, Number of Buildings, 1999

	Number of Buildings (thousand)									
		Year Constructed								
	All Buildings	1919 or Before	1920 to 1945	1946 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999		
HVAC Conservation Features										
(more than one may apply)										
Variable Air-Volume System	550	16	31	84	74	100	118	127		
Economizer Cycle	567	23	18	40	121	98	138	129		
HVAC Maintenance	2,786	233	250	440	405	461	577	420		
Energy Management and										
Control System (EMCS)	460	17	35	52	110	55	102	90		
Lighting Conservation Features										
(more than one may apply)										
Specular Reflectors	843	48	48	125	132	155	184	151		
Electronic Ballasts	2,167	146	201	360	288	428	429	315		
Skylights or Atriums	580	40	46	64	68	88	184	89		

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled. N=No responding cases in sample.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1999 Commercial Buildings Energy Consumption Survey.