#### Release date: May 2016

	Sum of maj consumptio (trillion Btu	n	of buildings	Fotal floorspace of buildings 'million square feet)			Energy intensity for sum of major fuels (thousand Btu/square foot)			
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific	
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3	
Building floorspace (square feet)										
1,001 to 5,000	101	42	99	1,206	528	1,216	84.1	80.4	81.4	
5,001 to 10,000	89	51	109	1,164	504	1,741	76.9	101.9	62.8	
10,001 to 25,000	97	52	151	1,732	990	2,609	55.9	52.1	58.1	
25,001 to 50,000	116	29	133	1,755	467	2,249	66.0	62.3	59.0	
50,001 to 100,000	137	54	97	2,088	725	1,648	65.5	74.2	59.1	
100,001 to 200,000	107	34	163	1,756	447	1,875	61.1	76.8	86.9	
200,001 to 500,000	117	65	138	1,089	774	1,310	107.2	83.4	105.6	
Over 500,000	74	Q	63	604	546	731	123.3	165.4	86.8	
Principal building activity										
Education	110	49	67	1,853	783	1,065	59.3	62.6	63.0	
Food sales	Q	Q	52	Q	Q	304	Q	Q	170.8	
Food service	80	24	76	225	104	282	357.5	235.1	270.4	
Health care	91	45	90	508	289	497	179.4	155.0	182.0	
Inpatient	72	28	77	304	132	315	236.9	214.1	245.3	
Outpatient	19	17	13	204	157	182	93.7	105.2	72.7	
Lodging	47	Q	72	599	519	940	77.8	160.8	77.0	
Mercantile	107	61	186	1,247	727	2,088	86.0	83.5	89.0	
Retail (other than mall)	44	25	64	693	307	1,030	64.0	82.3	62.1	
Enclosed and strip malls	63	35	122	554	420	1,058	113.4	84.4	115.2	
Office	113	59	177	1,625	852	2,562	69.5	69.8	69.0	
Public assembly	77	27	46	769	321	697	100.4	85.6	65.3	
Public order and safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Religious worship	15	7	19	540	214	511	27.1	33.1	38.2	
Service	28	Q	28	583	Q	578	48.6	Q	48.4	
Warehouse and storage	79	Q	75	1,919	591	2,938	41.1	36.8	25.5	
Other	Q	Q	Q		Q	345	Q	Q	126.0	
Vacant	Q	Q	7		Q	396	Q	Q	16.4	
Year constructed										
Before 1920	10	Q	9	279	Q	225	37.6	Q	38.2	
1920 to 1945	30	Q	45	593	144	651	49.7	Q	69.7	
1946 to 1959	55	22	74	850	325	1,179	65.1	69.1	62.4	
1960 to 1969	99	33	149	1,101	406	1,532	90.0	81.1	97.1	
1970 to 1979	125	65	104	1,435	802	1,780	87.1	80.6	58.5	
1980 to 1989	202	66	172	2,419	981	2,948	83.7	67.5	58.4	
1990 to 1999	144	63	171		804	1,984	66.7	78.2	86.0	
2000 to 2003	86	38	62		419	1,007	72.3	89.7	61.5	
2004 to 2007	40	Q	81	605	667	Q	65.8	141.2	62.9	
2008 to 2012	47	21	Q		329	793	61.8	64.4	112.2	

	Sum of maj consumptio (trillion Btu	n	c	otal floors of buildings million squ			Energy intensity for sum of major fuels (thousand Btu/square foot)			
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific	
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3	
Climate region <sup>1</sup>										
Very cold/Cold	N	296	158	N	3,381	1,836	N	87.4	85.8	
Mixed-humid	237	N	N	2,942	N	N	80.5	N	N	
Mixed-dry/Hot-dry	Q	122	594	Q	1,600	8,890	56.7	76.1	66.9	
Hot-humid	515	N	Q	6,906	N	Q	74.5	Ν	Q	
Marine	N	N	197	N	N	2,454	N	N	80.2	
Number of floors										
One	443	172	461	6,702	2,575	7,186	66.0	66.7	64.1	
Two	136	92	192	2,063	1,153	3,116	66.0	80.1	61.6	
Three	53	19	60	692	274	809	76.0	69.4	74.5	
Four to nine	159	54	196	1,396	498	1,700	113.6	109.3	115.2	
Ten or more	49	Q	46	541	Q	568	90.5	165.9	80.3	
Elevators and escalators (more than one may apply)										
Any elevators	315	197	377	3,302	1,700	3,932	95.4	116.0	95.9	
Number of elevators										
One	89	38	75	1,277	486	1,207	69.6	77.9	62.1	
Two to five	129	52	174	1,295	563	1,718	99.3	92.5	101.4	
Six or more	97	Q	128	730	651	1,007	133.4	164.8	126.9	
Any escalators	Q	Q	30	283	Q	461	Q	Q	64.9	
Number of workers (main shift)										
Fewer than 5	95	53	85	3,037	968	2,470	31.2	54.5	34.2	
5 to 9	93	38	92	1,312	565	1,662	71.1	68.0	55.4	
10 to 19	98	44	125	1,307	560	1,978	75.0	78.5	63.2	
20 to 49	169	63	211	1,646	858	2,771	102.7	73.1	76.1	
50 to 99	126	37	126	1,821	597	1,657	69.2	62.4	75.8	
100 to 249	116	68	137	1,094	689	1,246	106.2	98.4	109.9	
250 or more	142	Q	180	1,178	745	1,595	120.2	153.7	112.6	
Weekly operating hours										
Fewer than 40	29	18	25	1,648	564	950	17.4	31.5	26.5	
40 to 48	130	51	141	2,618	896	2,734	49.5	56.6	51.6	
49 to 60	141	77	156	2,522	1,161	3,158	55.8	66.7	49.3	
61 to 84	132	63	214	1,339	807	2,844		77.4	75.2	
85 to 167	115	45	139	789	409	1,539	145.7	110.9	90.2	
Open continuously	293	164	280	2,477	1,144	2,155	118.4	143.1	129.8	

	Sum of majo consumptio (trillion Btu)	n		Total floors of buildings (million squ			Energy intensity for sum of major fuels (thousand Btu/square foot)				
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific		
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3		
Ownership and occupancy											
Nongovernment owned	668	322	796	8,815	3,633	11,386	75.8	88.5	69.9		
Owner occupied	360	170	343	4,397	1,539	4,187	81.9	110.2	81.8		
Leased to tenant(s)	242	102	361	3,023	1,394	5,466	80.1	73.4	66.0		
Owner occupied and leased	66	49	89	840	532	1,546	78.0	92.3	57.7		
Unoccupied	Q	Q	Q	555	Q	187	Q	Q	Q		
Government owned	171	96	159	2,580	1,348	1,993	66.1	71.1	79.6		
Federal	Q	Q	Q	Q	Q	Q	Q	Q	Q		
State	47	38	57	660	502	620	70.8	76.2	92.2		
Local	115	47	90	1,840	766	1,249	62.2	61.5	72.4		
Party responsible for operation											
and maintenance of energy											
systems											
Building owner	717	361	752	10,015	4,277	10,534	71.6	84.3	71.4		
Business owner or tenant	105	53	182	1,154	, 625	2,600		85.0	69.9		
Property management	Q	Q	Q	_,, Q	Q	_,Q		Q	Q		
Other	Q	Q	Q	Q	Q	Q		Q	Q		
Provider of direct input on energy-	~	~		~	· · · · · · · · · · · · · · · · · · ·		~~~~~	· · · · · ·	~		
related equipment purchases											
Building owner	728	380	799	10,301	4,490	11,252	70.7	84.6	71.0		
Business owner or tenant	90	32	140	854	394	1,869		82.4	74.8		
Property management	Q	Q	Q	Q	Q	Q	Q	Q	Q		
Other	Q	Q	Q	Q	Q	Q		Q	Q		
Number of establishments											
One	593	275	613	7,554	2,972	8,250	78.5	92.7	74.3		
2 to 5	132	87	157	1,777	1,096	2,646		79.0	59.2		
6 to 10	46	Q	70	551	1,050 Q	879	82.7	, 5.0 Q	79.9		
11 to 20	40	Q	50	397	243	574		Q	87.5		
More than 20	26	Q	60	316	243 Q	778		Q	77.4		
Currently unoccupied	Q	Q	Q	798	Q	252		Q	Q		
Predominant exterior wall material											
Brick, stone, or stucco	430	194	355	5,499	2,411	4,673	78.3	80.5	75.9		
Concrete (block or poured)	195	95	277	2,374	, 1,164	3,791		81.7	73.0		
Concrete panels	61	Q	125	1,008	Q	2,446		130.2	51.2		
Siding or shingles	38	11	95	456	211	1,166		53.7	81.5		
Metal panels	93	29	34	1,865	500	757		58.8	45.3		
Window glass	2,5 Q	25 Q	35	1,005 Q	2000 Q	272		Q	130.3		
Other	Q	Q	Q	Q Q	Q	2,72 Q		Q	150.5 Q		
• • • • • • • • • • • • • • • • • • •	Q Q	ч	Ľ	ų	Ч	ų	<u>ب</u>	ч.	<u>ب</u>		

	Sum of maj consumptio (trillion Btu	n		Total floors of buildings (million squ			Energy inte sum of maj (thousand E		ot)
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3
Predominant roof material									
Metal surfacing	171	58	94	3,020	956	1,776	56.6	60.5	52.8
Synthetic or rubber	188	197	272	1,968	1,841	2,851	95.7	107.1	95.5
Built-up	266	85	281	3,296	1,169	3,995	80.8	72.5	70.4
Slate or tile shingles	Q	18	87	Q	187	1,022	98.7	95.7	85.2
Wooden materials (including									
shingles)	Q	Q	24	Q	Q	428	Q	Q	56.4
Asphalt, fiberglass, or									
other shingles	113	46	156	1,887	681	2,643	59.9	67.5	59.1
Concrete	Q	Q	22	Q	Q	332	Q	Q	67.0
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
No one major type	Q	Q	Q	Q	Q	Q	Q	Q	Q
Roof characteristics									
Roof tilt									
Flat	521	226	652	6,007	2,767	8,099	86.7	81.6	80.5
Shallow pitch	225	146	211	3,906	1,589	3,709	57.7	91.6	56.8
Steeper pitch	93	46	92	1,481	625	1,572	62.5	73.6	58.6
Cool roof	207	109	345	2,306	1,510	3,544		72.1	97.4
Popovations in buildings									
Renovations in buildings constructed before 2008									
(more than one may apply)									
Any type of renovation	476	230	422	5,390	2,245	5,217	88.3	102.5	80.9
Addition or annex	137	Q	86	1,478	855	902		137.3	95.9
Reduction in floorspace	Q	Q	Q		Q	Q		Q	Q
Roof replacement	228	89	 185	2,450	1,063	2,034		83.5	90.9
Exterior wall replacement	44	Q	58	369	1,005 Q	647		Q	89.6
Interior wall reconfiguration	245	166	239	2,280	1,418	2,848		 116.8	83.8
Window replacement	123	Q	89	1,109	770	1,278		136.3	69.7
HVAC equipment upgrade	300	174	270	3,342	1,561	2,837		111.3	95.2
Lighting upgrade	320	169	283	3,238	1,496	3,065		111.5	92.2
Electrical upgrade	176				986			115.1	103.1
Plumbing system upgrade	176	Q	177	1,932		1,721			103.1
Insulation upgrade	93	Q	165	1,433 790	782	1,593		146.7	95.1
		Q 07	78 106		Q 012	821		171.0	
Fire, safety, or security upgrade	193	87	196	2,193	912	1,994		95.0	98.2
Structural upgrade	Q	Q	69	Q	Q	717		Q	96.8
Other	Q	Q	Q		Q	Q		Q	Q
No renovations	316	166	443	5,240	2,406	7,370		69.0	60.1
Buildings constructed 2008 or later	47	21	Q	765	329	793	61.8	64.4	112.2

	Sum of maj consumptio (trillion Btu	n	o	otal floors f buildings million squ			Energy intensity for sum of major fuels (thousand Btu/square foot)			
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific	
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3	
Energy sources (more than one may apply)										
Electricity	839	417	954	10,594	4,812	13,180	79.2	86.7	72.4	
Natural gas	588	362	814	6,480	3,766	8,966	90.8	96.2	90.8	
Fuel oil	235	141	244	1,835	1,092	2,043	128.3	129.5	119.3	
District heat	90	Q	65	646	482	404	139.7	178.9	160.7	
District chilled water	93	Q	59	773	Q	329	120.3	185.0	180.4	
Propane	73	Q	57	621	503	982	117.6	Q	57.7	
Other	Q	33	56	Q	403	631	Q	82.5	88.6	
Space-heating energy sources (more than one may apply)										
Electricity	543	219	549	6,874	2,791	7,768	78.9	78.4	70.6	
Natural gas	452	268	650	5,467	3,180	7,509	82.6	84.1	86.5	
Fuel oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	
District heat	89	Q	63	637	482	385	140.6	178.9	164.7	
Propane	Q	5	14	Q	141	343	Q	32.2	40.1	
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Primary space-heating energy source										
Electricity	357	85	283	4,604	1,122	4,794	77.6	75.6	59.0	
Natural gas	366	238	555	4,551	2,893	6,333	80.3	82.3	87.6	
Fuel oil	Q	Q	Q	Q	Q	Q	Q	Q	Q	
District heat	89	Q	63	637	482	385	140.6	178.9	164.7	
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Cooling energy sources (more than one may apply)										
Electricity	748	343	877	9,275	4,205	11,749	80.6	81.6	74.6	
Natural gas	Q	Q	Q	Q	Q	Q	Q	Q	Q	
District chilled water	93	Q	59	773	Q	329	120.3	185.0	180.4	
Water-heating energy sources (more than one may apply)										
Electricity	410	141	447	5,386	2,000	6,810	76.0	70.7	65.7	
Natural gas	428	245	604	4,504	2,665	6,452	94.9	92.1	93.6	
Fuel oil	Q	Q	Q	Q	_,Q	Q	Q	Q	Q	
District heat	Q	Q	45	Q	Q	243	126.0	220.8	185.0	
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Cooking energy sources										
(more than one may apply)										
Electricity	284	138	343	2,822	1,522	2,981	100.7	90.5	115.1	
Natural gas	307	213	458	2,658	1,694	3,506	115.5	125.9	130.6	
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q	

	Sum of maj consumptio (trillion Btu	on	o	otal floors f buildings million squ	-	5	inergy inte sum of maj thousand I		ot)
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3
Energy end uses (more than one may apply)									
Buildings with space heating	822	416	910	9,923	4,704	11,767	82.9	88.4	77.3
Buildings with cooling	828	406	904	9,931	4,489	11,978	83.4	90.5	75.5
Buildings with water heating	814	402	927	9,519	4,440	12,089	85.5	90.5	76.7
Buildings with cooking	437	267	554	4,201	2,420	4,842	104.0	110.2	114.5
Buildings with manufacturing	89	Q	47	705	2,420 Q	999	126.9	Q	46.9
	89	ų	47	705	ų	333	120.9	ų	40.9
Buildings with electricity generation	276	195	334	2,401	1,635	3,049	115.1	119.2	109.6
Percent of floorspace heated									
Not heated	16	Q	44	1,471	277	1,612	11.2	Q	27.5
1 to 50	53	32	144	1,317	592	3,117	40.0	53.6	46.1
51 to 99	201	56	224	1,883	658	2,662	106.8	84.8	84.0
100	569	328	543	6,724	3,453	5,988	84.6	95.0	90.6
Percent of floorspace cooled									
Not cooled	11	11	51	1,464	492	1,402	7.2	22.4	36.2
1 to 50	69	44	159	1,982	828	3,576	34.9	52.7	44.3
51 to 99	207	93	285	2,126	1,054	3,434	97.2	88.0	82.9
100	553	270	461	5,823	2,608	4,968	94.9	103.5	92.7
	555	270	101	3,023	2,000	1,500	51.5	100.0	52.7
Percent lit when open Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50	69	26	87	1,562	541	2,366	44.5	48.0	36.9
51 to 99	374	152	439	4,339	1,847	5,460	86.3	82.2	80.4
100	393	234	433	4,333	2,279	5,107	88.6	102.9	82.9
Building never open/electricity	393	234	423	4,430	2,219	5,107	00.0	102.9	02.9
not used	Q	Q	4	1,003	270	413	Q	Q	10.6
Percent lit during off hours									
Zero	145	83	219	3,202	1,502	4,654	45.4	55.0	47.1
1 to 50	529	212	559	5,841	2,591	7,217	90.6	81.7	77.5
51 to 100	110	Q	151	1,069	572	1,033	102.7	186.4	145.9
Building always open with	110		151	1,005	572	1,055	102.7	100.4	1+3.5
no "off hours"	55	Q	26	483	Q	276	113.0	Q	92.3
Electricity not used	N	N	N	800	Q	199	N	N	N
Heating equipment									
(more than one may apply)									
Heat pumps	98	37	150	1,174	498	1,955	83.7	73.5	76.7
Furnaces	91	33	75	1,599	554	983	57.2	59.2	76.8
Individual space heaters	151	87	169	1,896	1,197	2,397	79.7	72.5	70.3
District heat	89	Q	63	637	482	385	140.6	178.9	164.7
Boilers	167	108	275	1,460	1,150	2,395	114.6	94.0	114.8
Packaged heating units	554	243	617	6,745	2,967	8,092	82.2	81.8	76.2
Other	Q	Q	24	Q	Q	242	Q	Q	97.4

	Sum of maj consumptio (trillion Btu	n	C	otal floors of buildings million squ			Energy inter sum of maj (thousand E	•	ot)
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3
Cooling equipment (more than one may apply)									
Residential-type central air									
conditioners	145	48	174	2,429	668	2,160	59.8	72.5	80.4
Heat pumps	107	44	155	1,344	672	2,244	79.9	65.4	69.3
Individual air conditioners	55	45	71	971	565	1,162	56.5	79.8	61.5
District chilled water	93	Q	59	773	Q	329	120.3	185.0	180.4
Central chillers	197	86	197	1,746	920	1,697	113.1	93.8	116.2
Packaged air conditioning units	474	209	553	5,379	2,314	7,141	88.0	90.5	77.4
Swamp coolers	Q	55	63	Q	722	617	Q	76.8	102.0
Other	Q	Q	Q	Q	Q	Q		Q	Q
Main equipment replaced since									
1990 (more than one may apply)									
Heating	263	101	254	3,228	1,365	3,903	81.5	73.6	65.0
Cooling	294	117	274	3,458	1,440	4,070	84.9	81.4	67.4
Water-heating equipment Centralized system	506	249	501	5,826	2,573	7,058	86.8	96.9	71.0
Distributed system Combination of centralized and	109	41	154	1,471	699	2,333	74.2	59.3	65.9
distributed system	199	111	272	2,222	1,168	2,698	89.8	95.3	100.8
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Lighting equipment types (more than one may apply)									
Incandescent	369	233	405	4,286	2,253	4,969	86.0	103.5	81.6
Standard fluorescent	803	401	906	9,901	4,529	12,203	81.1	88.6	74.2
Compact fluorescent	553	302	701	6,263	3,007	8,156		100.3	85.9
High-intensity discharge (HID)	214	151	225	2,841	1,314	2,868		100.5	78.5
Halogen	308	176	365	3,459	1,663	3,990		105.9	91.5
LED	207	170	275	1,774	1,513	3,099		105.5	88.8
Other	207 Q	Q	273 Q	1,774 Q	1,515 Q	3,033 Q		120.4 Q	00.8 Q
	~	~	~	~	~	~	~	~	~
Refrigeration equipment (more than one may apply)									
Any refrigeration	781	387	855	8,989	4,179	10,530	86.9	92.5	81.2
Walk-in units	385	237	458	3,179	1,898	3,486		124.7	131.3
Cases or cabinets	328	211	472	3,079	1,740	3,725		121.5	126.8
Large cold storage areas	46	Q	98	316	1,740 Q	676		Q	145.0
Commercial ice makers	408	253	477	4,102	2,093	3,955	99.4	120.7	145.0
Residential-type or compact units	572	233	697	7,312	3,323	9,176		82.2	75.9
Vending machines	493	275	522	5,219	2,529	5,659	94.5	101.0	92.2
No refrigeration	58	31	100	2,405	802	2,849		38.5	35.0
	30	51	100	2,405	002	2,049	24.1	50.5	55.0

	Sum of maj consumptio (trillion Btu	n	o	otal floors f buildings million squ	-		Energy inte sum of maj (thousand B	•	ot)
	West South	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3
Office equipment (more than one may apply)									
Desktop computers	778	386	903	9,194	4,338	12,062	84.6	89.0	74.9
With flat screen monitors	776	383	899	9,111	4,261	11,968	85.1	89.8	75.1
With multiple monitors	333	217	423	3,708	1,992	5,163	89.9	108.8	82.0
Laptop computers	622	330	712	7,550	3,614	9,282	82.4	91.4	76.7
Dedicated servers	540	311	666	6,199	3,189	8,258	87.1	97.6	80.6
Laser printers	532	289	611	5,990	2,952	8,367	88.8	97.7	73.0
Inkjet printers	369	169	428	4,619	2,056	5,641	79.8	82.2	75.8
FAX machines	683	338	727	8,084	3,708	10,007	84.5	91.2	73.6
Photocopiers	554	300	697	6,763	3,360	9,111	81.9	89.3	76.5
	554	500	097	0,705	5,500	9,111	01.9	09.5	70.5
Number of desktop computers									
None	61	32	51	2,200	643	1,317	27.9	49.0	38.7
1 to 4	175	54	179	2,044	782	2,575	85.6	69.3	69.7
5 to 9	99	37	103	1,156	515	1,866	85.9	71.6	55.3
10 to 19	66	32	121	979	429	1,958	67.7	75.6	61.6
20 to 49	141	66	147	1,623	873	1,957	87.2	75.1	75.1
50 to 99	66	38	97	1,074	434	1,259	61.1	87.0	76.8
100 to 249	57	Q	109	826	653	1,179	69.4	143.9	92.6
250 or more	173	65	147	1,493	653	1,268	115.7	100.0	116.2
Number of laptop computers									
None	217	87	242	3,845	1,367	4,097	56.4	63.8	59.1
1 to 4	195	85	202	2,580	1,163	3,524	75.5	73.3	57.4
5 to 9	73	44	75	1,113	509	1,384	65.6	85.5	54.2
10 to 19	66	29	159	904	405	1,579	73.2	72.1	100.8
20 to 49	71	Q	136	927	740	1,444	76.4	139.7	94.2
50 to 99	83	22	60	774	309	, 568	107.5	71.1	105.1
100 to 249	73	23	42	766	285	388	95.4	78.9	109.1
250 or more	61	24	38	486	202	395	125.8	120.4	95.6
Number of dedicated servers									
None	299	106	289	5,195	1,792	5,122	57.6	59.2	56.3
1 to 4	307	163	362	3,980	2,061	5,143	77.1	79.3	70.3
5 to 9	61	30	97	749	357	1,131	81.1	84.5	85.7
10 to 19	55	Q	77	622	Q	899	88.6	201.2	86.1
20 to 49	67	30	39	455	282	497	146.2	105.3	78.0
50 or more	Q	Q	91	Q		589	129.5	Q	154.8
Number of photocopiers									
None	285	117	258	4,631	1,621	4,269	61.5	72.4	60.4
One	138	70	188	1,915	1,003	3,402	72.0	69.6	55.2
2 to 4	206	77	227	2,743	1,137	2,948	75.0	67.5	77.1
5 to 9	53	32	95	804	399	1,148	66.2	79.4	82.4
10 or more	157	Q	187	1,300	821	1,613	121.0	148.3	115.9
	1.57	~	10,	1,500	~~ 1	1,013	121.0	- 10.0	

	Sum of maj consumptic (trillion Btu	on	o	otal floors of buildings million squ	-		Energy intensity for sum of major fuels (thousand Btu/square foot)				
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific		
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3		
Number of TVs or video displays											
None	131	85	180	3,635	1,447	4,264	36.0	59.0	42.3		
One	106	28	99	1,374	524	1,482	77.3	55.0	67.0		
2 to 4	100	46	169	2,158	688	2,477	83.1	67.3	68.1		
5 to 9	173	31	109	1,001	292	1,419	121.8	107.3	91.6		
	76	40	93								
10 to 19				1,058	488	936	71.9	82.1	99.7		
20 to 49	59	58	102	814	620	1,139	71.9	94.1	89.5		
50 to 99 100 or more	Q 97	34 Q	Q 126	Q 672	409 Q	622 1,039	101.1 144.7	82.9 182.9	88.2 121.2		
Food preparation or serving areas in non-food service buildings (more than one may apply)	57	ά	120	072	α	1,039	144.7	102.9	121.2		
Snack bar or concession stand	99	Q	135	884	723	1,211	112.0	159.7	111.8		
Fast food or small restaurant	134	125	168	1,053	871	1,593	112.0	143.9	105.7		
Cafeteria or large restaurant	134	125	167	1,625	916	1,330	88.9	136.3	126.4		
Commercial kitchen/	143	125	107	1,025	510	1,520	00.5	130.3	120.4		
food preparation area	153	137	221	1,503	992	1,859	101.8	138.3	119.1		
Small kitchen area	106	Q	118	1,498	840	1,574	70.7	130.8	75.0		
Separate computer areas (more than one may apply)											
Data center or server farm	139	Q	215	1,120	662	1,704	124.2	173.5	125.9		
Computer-based training room	217	163	167	2,347	1,364	1,947	92.3	119.6	85.9		
Student or public computer center	158	Q	132	2,051	1,010	1,283	77.2	111.2	102.6		
HVAC conservation features (more than one may apply)											
Economizer cycle	281	222	449	2,706	2,022	4,849	104.0	109.9	92.6		
Regular HVAC maintenance	745	372	840	8,319	3,991	10,526	89.6	93.2	79.8		
Building automation system (BAS) <sup>2</sup>	438	242	528	4,628	2,310	5,233	94.6	104.8	101.0		
Window and interior lighting features (more than one may apply)											
Multipaned windows	565	333	610	6,592	3,822	7,219	85.7	87.2	84.4		
Tinted window glass	560	261	599	6,785	2,717	7,937	82.6	95.9	75.4		
Reflective window glass	169	145	279	1,765	1,264	3,032	95.5	114.7	92.0		
External overhangs or awnings	354	225	469	4,009	2,237	5,310	88.3	100.6	88.3		
Skylights or atriums	231	155	324	2,394	1,510	4,519	96.6	102.9	71.8		
Light scheduling	298	183	487	3,324	1,650	5,388	89.7	110.9	90.3		
Occupancy sensors	336	211	513	3,364	2,027	6,273	99.8	104.3	81.8		
Multi-level lighting or dimming	106	144	279	1,086	1,200	2,398	97.8	119.6	116.2		
Daylight harvesting	45	51	116	666	461	1,103	67.1	109.7	105.0		
Demand responsive lighting	Q		91	Q	Q	1,332	Q	Q	68.6		
Building automation system (BAS) for lighting <sup>2</sup>	r 103	72	215	1,298	807	2,146	79.4	89.5	100.0		

	Sum of majo consumptio (trillion Btu	n		Total floors of buildings (million squ			Energy intensity for sum of major fuels (thousand Btu/square foot)			
	West South central	Mountain	Pacific	West South central	Mountain	Pacific	West South central	Mountain	Pacific	
All buildings	839	417	954	11,394	4,981	13,379	73.6	83.8	71.3	
Equipment usage reduced when building not in full use (more than one may apply)										
Heating	563	289	698	7,371	3,738	9,704	76.3	77.3	71.9	
Cooling	561	271	700	7,315	3,479	9,697	76.8	77.8	72.2	
Lighting	763	394	882	9,645	4,497	12,034	79.1	87.6	73.3	

<sup>1</sup>These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

<sup>2</sup>In earlier CBECS publications, BAS was referred to as *Energy Management and Control System (EMCS)*.

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

Notes: • Because of rounding, data may not sum to totals. • See the *Guide to the 2012 CBECS Detailed Tables* or *CBECS Terminology* for definitions of terms used in these tables and/or comparison of differences with prior CBECS tables. Both references can be accessed from

http://www.eia.gov/consumption/commercial/data/2012/ • Site electricity is the amount of electricity delivered to commercial buildings. Primary electricity, which is not included in the *Total of major fuels* category, is site electricity plus the conversion losses in the generation, transmission, and distribution processes. • Statistics for the *Energy end uses* category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, ventilation, and air conditioning.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-871A, C, D, E, and F of the 2012 Commercial Buildings Energy Consumption Survey.