


[◀ Consumption & Efficiency](#)

Commercial Buildings Energy Consumption Survey (CBECS)

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Table PBA1. Summary table: total and means of floorspace, number of workers, and hours of operation by building activity subcategories, 2012

Released: December 2016

| | Number of buildings (thousand) | Total floorspace (million square feet) | Total workers (thousand) | Mean square feet per building (thousand) | Mean square feet per worker ¹ | Mean operating hours per week |
|---|--------------------------------------|---|--------------------------------|---|---|--|
| All buildings | 5,557 | 87,093 | 88,182 | 15.7 | 936 | 62 |
| Principal building activity (expanded) | | | | | | |
| Education | 389 | 12,239 | 10,885 | 31.5 | 1,124 | 53 |
| College or university | 27 | 1,883 | 1,502 | 69.2 | 1,254 | 84 |
| K-12 | 232 | 9,175 | 8,149 | 39.6 | 1,126 | 51 |
| Elementary or middle school | 189 | 6,118 | 5,286 | 32.4 | 1,157 | 50 |
| High school | 43 | 3,056 | 2,863 | 71.6 | 1,068 | 55 |
| Preschool or daycare | 68 | 431 | 749 | 6.4 | 575 | 57 |
| Other classroom education | 62 | 750 | 485 | 12.1 | 1,546 | 46 |
| Food sales | 177 | 1,252 | 1,172 | 7.1 | 1,067 | 121 |
| Convenience store ² | 131 | 470 | 441 | 3.6 | 1,068 | 127 |
| Grocery store or food market | 45 | 763 | 719 | 17.1 | 1,061 | 103 |
| Other food sales | Q | Q | Q | Q | Q | Q |
| Food service | 380 | 1,819 | 3,431 | 4.8 | 530 | 82 |
| Fast food | 92 | 302 | 793 | 3.3 | 381 | 103 |
| Restaurant or cafeteria | 179 | 1,039 | 1,934 | 5.8 | 537 | 76 |
| Bar, pub, or lounge | 71 | 350 | 455 | 4.9 | 768 | 79 |
| Other food service | 37 | 128 | 248 | 3.4 | 516 | 67 |
| Health care | 157 | 4,155 | 7,613 | 26.5 | 546 | 60 |
| Inpatient | 10 | 2,374 | 4,281 | 247.8 | 555 | 168 |
| Outpatient | 147 | 1,781 | 3,333 | 12.1 | 535 | 53 |
| Office (diagnostic) | 60 | 510 | 1,008 | 8.5 | 506 | 48 |
| Clinic or other outpatient | 87 | 1,271 | 2,325 | 14.6 | 547 | 56 |
| Lodging | 158 | 5,826 | 3,066 | 36.9 | 1,894 | 165 |
| Hotel | 30 | 2,717 | 1,103 | 90.6 | 2,463 | 168 |
| Motel or inn | 61 | 602 | 254 | 9.9 | 2,328 | 163 |
| Dormitory, fraternity, or sorority | 25 | 805 | 137 | 32.7 | 5,831 | 166 |

| | | | | | | |
|---------------------------------|-------|--------|--------|-------|-------|-----|
| Nursing home or assisted living | 30 | 1,275 | 1,355 | 43.2 | 941 | 168 |
| Other lodging | 13 | 426 | 217 | 33.2 | 1,959 | 164 |
| Mercantile | 602 | 11,330 | 9,117 | 18.8 | 1,243 | 64 |
| Retail (other than mall) | 438 | 5,439 | 4,023 | 12.4 | 1,352 | 62 |
| Retail store | 336 | 4,504 | 3,146 | 13.4 | 1,432 | 62 |
| Vehicle dealership | 43 | 559 | 549 | 13.0 | 1,018 | 63 |
| Other retail | 59 | 376 | 328 | 6.4 | 1,147 | 63 |
| Enclosed and strip malls | 164 | 5,890 | 5,094 | 35.9 | 1,156 | 69 |
| Strip shopping center | 163 | 5,087 | 4,470 | 31.3 | 1,138 | 69 |
| Enclosed mall | 1 | 803 | 624 | 582.8 | 1,288 | 70 |
| Office | 1,012 | 15,952 | 33,756 | 15.8 | 473 | 55 |
| Administrative or professional | 558 | 8,937 | 19,634 | 16.0 | 455 | 55 |
| Bank or other financial | 91 | 920 | 1,891 | 10.1 | 486 | 50 |
| Government | 113 | 2,655 | 5,434 | 23.4 | 489 | 55 |
| Medical (non-diagnostic) | 50 | 302 | 429 | 6.0 | 705 | 45 |
| Mixed-use | 125 | 2,656 | 5,166 | 21.2 | 514 | 60 |
| Other office | 74 | 482 | 1,202 | 6.5 | 401 | 55 |
| Public assembly | 352 | 5,559 | 3,108 | 15.8 | 1,716 | 56 |
| Library | 24 | 761 | 477 | 32.0 | 1,592 | 52 |
| Entertainment or culture | 51 | 1,266 | 593 | 24.7 | 2,062 | 54 |
| Recreation | 100 | 1,898 | 702 | 18.9 | 2,638 | 68 |
| Social or meeting | 135 | 948 | 665 | 7.0 | 1,227 | 42 |
| Other assembly | 41 | 685 | 670 | 16.6 | 1,017 | 78 |
| Public order and safety | 84 | 1,440 | 1,854 | 17.2 | 756 | 113 |
| Fire or police station | 69 | 572 | 788 | 8.3 | 678 | 112 |
| Courthouse or probation office | 6 | 436 | 741 | 69.4 | 589 | 53 |
| Other public order | 9 | 432 | 326 | 49.9 | 1,324 | 168 |
| Religious worship | 412 | 4,557 | 1,940 | 11.1 | 2,295 | 31 |
| Service | 619 | 4,630 | 4,031 | 7.5 | 1,086 | 56 |
| Post office or postal center | 30 | 446 | 553 | 14.7 | 807 | 73 |
| Repair shop | 84 | 535 | 502 | 6.3 | 1,066 | 50 |
| Vehicle service or repair | 214 | 1,653 | 1,514 | 7.7 | 1,092 | 55 |
| Vehicle storage or maintenance | 176 | 1,311 | 904 | 7.4 | 1,171 | 54 |
| Other service | 114 | 685 | 558 | 6.0 | 1,224 | 59 |
| Warehouse and storage | 796 | 13,077 | 6,362 | 16.4 | 1,843 | 67 |
| Nonrefrigerated | 787 | 12,635 | 6,108 | 16.1 | 1,847 | 67 |
| Warehouse | 427 | 5,377 | 3,018 | 12.6 | 1,572 | 52 |
| Distribution or shipping center | 151 | 5,688 | 2,991 | 37.6 | 1,886 | 56 |
| Self storage units | 209 | 1,571 | 99 | 7.5 | 9,054 | 106 |
| Refrigerated | 8 | 443 | 254 | 52.1 | 1,743 | 81 |
| Other | 125 | 2,002 | 1,611 | 16.0 | 1,193 | 61 |
| Laboratory | 16 | 467 | 713 | 30.1 | 655 | 61 |
| Other | 109 | 1,535 | 898 | 14.0 | 1,621 | 61 |
| Vacant | 296 | 3,256 | 236 | 11.0 | 3,309 | 8 |

¹Buildings with zero workers are excluded from this column.²Includes Convenience stores and Convenience stores with gas stations.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 20 buildings were sampled.

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/>

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