| Criteria                                                                 | Include in Building Gross Area | Include in Department Gross Area | Include in Department Net Area | Exclude or Count Separate | References                                                                 |
|------------------------------------------------------------------------|--------------------------------|---------------------------------|------------------|---------------------------|---------------------------------------------------------------------------|
| Shell space (without services and not fitted out)                      | U A                            | U A                             | U (G)            | C                         | C: 5.1.2 (pp. 14-15) U: J1, J2 (pp. 27-28) U.S. defines shell space as its own Net Area and Department Gross area, but main fire-safety corridors are only part of Building Gross area G: DIN 277 4.2 (pp. 6-7) A: AHFG 2.5.2 (p. 11 table) |
| Attached buildings that are not considered part of the hospital (for example Medical Office Building (MOB outpatient clinics), Research Building, Office building) | G                              | C U                             | U (G)            | G                         | C: 5.1.3 (p. 14) U: A5 (p. 20) G: DIN 277 5.2 (p. 9) & DIN 13080. The latter standard includes some "non-hospital" areas such as research, clinic, office, etc. |
| Car parking under the hospital (same building or underground)          | G                              | C                               | U (G)            | C                         | C: 5.1.2 (pp. 14-15) U: K1 (p. 29) G: DIN 277 4.7.5 (p. 8) & 5.7.1 (p. 10) |
| Central Utility Plant (CUP) (a large centralized engineering area to support the hospital and sometimes other buildings also) | (C) G                          |                                  |                  | C                         | C: 5.1.2d (p. 15), 5.1.4.5 (p.16) U: L1 (p. 29) G: DIN 277 4.7.8 (p. 9) A: AHFG 2.5.2 (p. 9 table) |
| Crawl space and interstitial space designed for specific purpose (e.g. storage or mechanical). Head height at least 2m (6'). *Canada specifies the area occupied by equipment and 1.8m (6') of circulation perimeter around the equipment (e.g. boilers, generators, chillers, switchgear, etc.) | C (U) (A) G                    |                                  |                  | C                         | C: 5.1.3c (p. 15) & 5.1.4.5 (p.16) G: DIN 277 6.1 (pp. 10-13) A: AHFG 2.5.2 (pp. 7-11) |
| Shell space (with services installed for future use, or with an assigned functional purpose for later finishing work) | C A                            | A                               | U (G) (A)        | C                         | C: 5.1.3c/e (p. 15) U: J1, J2 (pp. 27-28) U.S. defines shell space as its own Net Area and Department Gross area, but main fire-safety corridors are only part of Building Gross area G: DIN 277 4.2 (pp. 6-7) A: AHFG 2.5.2 (p. 11 table) |
| Building overhang (covered exterior exit niches at recessed exterior door swinging out, or cantilevered building overhang) | U*                             | C G A                           |                  | C                         | C: 5.1.2 (pp. 14-15), Fig 4 (p. 24) U: E1, E2 (p. 22) U.S. counts as half area G: DIN 277 5.7.2 (p. 10) & 6.1 (pp. 10-11) A: AHFG 2.5.2 (p. 9 table) |
| Structural columns supporting exterior covered areas (building above, not just canopies) | U                              | C G                             |                  | C                         | C: 5.1.2e (p. 14) U: F2 (p. 24) G: DIN 277 6.1 (pp. 10-11) |
| All area within the perimeter line of the exterior facing material      | C U A                          |                                  |                  | C                         | C: 5.1.1.1 (p. 14) U: A4 (p. 19) G: DIN 277 6.1 (pp. 10-11) *A: p. 11, 2.5.3 (pp. 12-14)excludes façade thickness |
| Enclosed walkways and tunnels that connect to non-hospital buildings    | (G)                            | C U A                           |                  | C                         | C: 5.1.1.4 (p.14) U: G2 (p. 25) G: DIN 277 3.7 (p. 5) & DIN EN 15221-6.5.2 (pp. 16-17) (*suggest to count as half of the area) A: AHFG 2.5.2 (p. 11 table) |
| Uncategorized engineering space, including rooftop space used for mechanical equipment, whether enclosed or unenclosed, whether covered or uncovered (including service access routes) | C                              | U G A                           |                  | C                         | C: 5.1.3d (p. 15) & 5.1.4.6 (p.17) include equipment access space G: DIN 277 5.7.2 (p. 10) A: p. 8 table |
| Ambulance parking area, regardless of whether it is a canopy, enclosed, or heated | (G)                            | C                               |                  | C                         | C: 5.1.2 (pp. 14-15) & 5.1.4.2 (p. 16) G: DIN 13080 table A7 (pp. 48-49) |

Notes:
- General clarification: Net Area is by nature included in Dept Gross Area, which is by nature included in Building Gross Area.
- *(x)* - Denotes an item that is not clear in the standard, but the authors interpret that the item would be included.
- Blank - Means that a standard does not address this topic.
- Multiple - When a standard's letter is included in multiple columns (e.g. Dept Gross and Bldg Gross), the area allocation depends on the circumstance.
| Criteria | Include in Building Gross Area | Include in Department Gross Area | Include in Department Net Area | Exclude or Count Separate | References |
|----------|-------------------------------|---------------------------------|-------------------------------|--------------------------|------------|
| Receiving and shipping areas (loading dock), regardless of whether it is covered, enclosed, or conditioned | | | | C | C: 5.1.2 (pp. 14-15) & 5.1.4.3 (p. 16) |
| Tunnels, overhead walkways, pits, and similar areas that have a finished floor and that are covered by a roof slab or grating, the underside of which is equal to or less than 2m (6.5 feet) | | | | (A) | U: G1 (p. 25) G: DIN 277 5.7.2 (p. 10) & 6.1 (pp. 10-11) A: AHFG 2.5.2 (p. 9) |
| Enclosed areas that are not roofed over (e.g. courtyard, light well) | | | | C U G | C: 5.1.2 (pp. 14-15) U: E3 (p. 23) G: DIN 277 5.7.2 (p. 10) & 6.1 (pp. 10-11) |
| Enclosed Mechanical, Electrical, and Communication space | C U G A | | | C U G A | C: 5.1.2 (pp. 14-15) U: E3 (p. 23) G: DIN 277 5.7.2 (p. 10) & 6.1 (pp. 10-11) |
| Enclosed mezzanine floors (human accessible) or balconies that are within the enclosing walls and roof of the structure | C U G A | | | C U G A | C: 5.1.3 (pp. 15-16) U: E1 (p. 22) G: DIN 277 6.1 (p. 10-11) |
| Exterior accessories (e.g. areaways, window wells, unenclosed covered walkways, unenclosed porches, balconies, canopies, exterior steps and landings) | C U G A | | | C U G A | C: 5.1.2 (pp. 14-15) U: E1 (p. 22) G: DIN 277 5.7.2 (p. 10) & 6.1 (pp. 10-11) A: p. 9, p. 11 table |
| Fully enclosed staircases, porches, walkways, penthouses, attics, service shafts | C U G A | | | C U G A | C: 5.1.2 (pp. 14-15) U: H1 (p. 25) G: DIN 277 6.1 (p. 10-11) A: AHFG 2.5.2 (pp. 7-11) |
| Openings in floors for visibility to areas below (for example, atriums, auditoriums, pools, gyms). (The area of the floor is counted if it is accessible by occupants.) | C U G A | | | C U G A | C: 5.1.2 (pp. 14-15) U: H1 (p. 25) G: DIN 277 6.1 (p. 10-11) A: AHFG 2.5.2 (pp. 7-11) |
| Projections beyond the face of the exterior wall such as cornices, roof overhangs, columns, piers, or pilasters | C U G A | | | C U G A | C: 5.1.2 (pp. 14-15) U: p. 16 G: DIN 277 6.1 (p. 11-12) A: AHFG 2.5.2 (pp. 7-11) |
| Elevator lobbies, building entry vestibules | C U G A | U* | U* | C U G A | C: Fig B.6 (p. 37), 6.4.3 (p. 20) U: C6, C7 (p. 21), O1* (p. 34) U.S. vestibules for Emergency Department are counted as part of the department area and net area. G: 4.7.2 (p. 8) & 6.2 (p. 11) A: AHFG 2.5.2 (pp. 7-11) |
| Fur-out chases along the exterior wall (if includes structural column) | U (G) A* | (Q) | | U (G) A* | C: 5.3.1a (p. 17), 5.3.3 (p. 18) U: C1 (p. 20) G: DIN 277 6.1 (p. 10-11) & 6.3 (pp. 11-12) A: 2.5.3 include half wall thickness of column lining (furring wall) (pp. 12-14) |
| Half wall thickness (to department wall centerline) of stairs, elevators, shafts, electrical rooms, communication rooms | (U) | (C) (G) A | | U (G) A | C: 5.3.3 (p. 18), Fig. 5 (p. 25) D: DIN 277 6.1 (p. 10-11) A: AHFG 2.5.3 (pp. 12-14) |
| Portion of corridor area for out-swinging door(s) from a department | U (G) | C | | U (G) | C: Fig B.4 (p. 36) U: M3 (p. 31) G: DIN 277 3.7 (p. 5) |
| Total area assigned to the department (interior partitions, structure, department circulation) (measured to centerline of department boundary wall, except U.S.*) | C U* (G) A | | | C U* (G) A | C: 5.3.1p. (p. 17) U: D3, D4* (p. 21), F1 (p. 23) U.S. uses wall centerline between departments, but along a non-department corridor (building gross) the full wall thickness goes to the department. A: p. 9, p. 11 |
| Mechanical, electrical, or communication rooms or access spaces within the department, that serve the department exclusively (e.g. MRI equipment room or Operating theatre A/V closet) | C (G) | | | C (G) | C: 5.3.1 (p. 17) G: DIN 13080 table A.1-table A1-A7 pp.14-49 A: AHFG 2.5.2 (p. 9 table) |
| Criteria                                                                 | Include in Building Gross Area | Include in Department Gross Area | Include in Department Net Area | Exclude or Count Separate | References                                                                 |
|------------------------------------------------------------------------|--------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------------------------------------------------------|
| Shared space - if a space serves a department function (e.g. waiting, toilets, staff lounge, mechanical, etc.) and a general function (building gross), the space shall be divided appropriately and allocated between those functions | C U (A)                        | C U (A)                         | C U G (A)                    |                          | C: 5.3.4 (p. 18), Fig 9b (p. 30) U: P1 (p. 34) G: DIN 13080 8.4 (p. 9) A: AHFG 2.5.1 (p. 7) |
| Fur-out chases along the exterior wall, along stairs or elevators (if does not include structural column) | (C) U (G) (A)                  |                                |                              |                          | C: 5.3.1a (p. 17), 5.3.3 (p. 18) U: C1, C2 (p. 20) G: DIN 277 6.2 & 6.3 (pp. 11-12) |
| General circulation (public corridors; corridors connecting multiple departments; stairs, elevators) | C U G A                        | C: 5.3.2 (p. 18); p. 11         | A: A3 (p. 19), D4 (p. 21) G: DIN 277 3.7 (p. 5) & 6.2 (p. 11) A: AHFG 2.5.2 (pp. 7-11); p. 8 Table 1 |
| Openings in floors for stairwells, elevators, ducts, and similar        | C U G A                        | C: 5.1.3 (p. 17)                | U: D1, D2 (p. 21) G: DIN 277 5.5 (p. 9) A: AHFG 2.5.2 (pp. 7-11) |
| Small shafts for building services (mechanical, electrical, etc.)        | C (U) (G) (A)                  | C: 5.3.1 (0.5m²) (p. 17)        | G: DIN 277 6.3 (pp. 11-12) A: AHFG 2.5.2 (p. 8 table) |
| Stairs or elevators dedicated to a specific department (e.g. collaboration stair serving a single department, or a trauma elevator) | U (G) A                        | U: D1, D2 (p. 21) G: DIN 13080 tabel 8 (8.06.01) (p. 52) A: AHFG 2.5.2 (p. 8 table) |
| Room area measured to the centerline of bounding walls                  | A                              | A: 2.5.3 (pp. 9-10)            |                               |                          | C: 6.2.2 (p. 19), Fig 9a/9b (pp. 29-30), Fig B.6 (p. 37) U: I9, I10 (pp. 26-27) G: DIN 277 4.2 (pp. 6-7); DIN 13080 8.4, 8.5 (p. 9), table A.1 (pp. 14-24), table A8 (pp. 50-54) A: p. 11 (1) *C, G, A: exclude public circulation paths/corridors from Net Area) |
| Waiting rooms and public lobby. If not associated with a specific clinical department, then associate with a department such as Public or Lobby. | C* U G* A*                     | C: 6.2.3 (p. 19)                | U: N1 (p. 32)                |                          | C: 6.2.3 (p. 19) |
| Faculty offices or research spaces                                      | G (C) (A)                      | G: DIN 13080 6 (p. 8) & table A.6 (pp. 46-47) |
| Circulation in front of open-bay patient stations (e.g. in front of PACU curtains) | C U (A) (G)                    | C: 6.2.3 (p. 19)                | U: N1 (p. 32)                |                          | C: 6.2.3 (p. 19) |
| Circulation within rooms or spaces (e.g. walking aisle between cubicle workstations, or circulation area within nurse stations) | C U (A) (G)                    | C: Figure 6 & 7 (pp. 26-27)     | U: p. 16; M2 (pp. 30-31)     |                          | C: Figure 6 & 7 (pp. 26-27)     |
| Alcoves (e.g. stretchers, trolleys, sinks, carts, vending)              | C U G                          | C: 6.1.1 (p. 18)                | U: A1 (p. 19)                | G: DIN 277 6.2 (p. 11)  | C: 6.1.1 (p. 18) |
| Room area measured to the interior finished surface of all walls        | C U G                          | C: 6.3 (pp. 19-20)              | U: I8, I9, I10 (pp. 26-27), P1 (p. 34) G: DIN 277 4.2 (pp. 6-7); DIN 13080 8.4, 8.5 (p. 9), table A.1-table A7 (pp. 14-49) |
| Shared space - net area - include in the most closely associated department, or create a combined department (e.g. Public or Administrative). Examples include waiting rooms, washrooms, service rooms, conference rooms, and treatment rooms. | C U G (A)                      | C: 6.3 (pp. 19-20)              | U: I8, I9, I10 (pp. 26-27), P1 (p. 34) G: DIN 277 4.2 (pp. 6-7); DIN 13080 8.4, 8.5 (p. 9), table A.1-table A7 (pp. 14-49) |
| Shell space within a department with an allocated purpose (e.g. future CT room in an Emergency Department) | U G (A)                        | U: J3 (p. 28)                  | G: DIN 277 4.2 (pp. 6-7)     |                          | C: 6.2.2 (p. 19) |
| Support rooms dedicated to a specific department (e.g. housekeeping/janitor closet, toilet room, breastfeeding room) | C G (U) A                      | C: 6.2.2 (p. 19)                | G: DIN 277 4.2 (pp. 6-7); DIN 13080 table A.1-table A7 (pp. 14-49) A: AHFG 2.5.2 (p. 7-11) |