

**Table 8-3. Land Use and Land Cover Classification System for County or Small City**

Level 1	Level 2	Level 3
1. Urban	11. Residential	111. Residential one (<.5 du/acre)
		112. Residential two (.5-2 du/acre)
		113. Residential three (2.1-5 du/acre)
		114. Residential four (5.1-10 du/acre)
		115. Residential five (>10 du/acre)
12. Commercial and services	12. Commercial and services	121. General retail (CBD, shopping center, sales, and service)
		122. Professional services and office
		123. Mixed use (residential, commercial, and/or industrial)
13. Industrial	13. Industrial	131. Light industry/warehousing
		132. Heavy industry
		133. Industrial/research park
14. Transportation, communications, and utilities	14. Transportation, communications, and utilities	141. Transportation (road, rail, air)
		142. Communications/utilities (water, sewer, and power plants, solid waste disposal, easements)
15. Public or institutional	15. Public or institutional	151. Parks, recreation, and public open space (ball fields, golf courses, etc.)
		152. Institutional (schools, hospitals, churches, etc.)
2. Agriculture	21. Cropland and pasture	22. Orchards, groves, vineyards, and nurseries
		23. Confined feeding operations (beef, hog, dairy, poultry)
		24. Other agricultural land (barns, stables, research)
		25. Other agricultural land (barns, stables, research)
3. Forest	31. Deciduous forest (70 percent lose leaves)	32. Evergreen forest (70 percent remain green)
		33. Mixed forest (combination of deciduous and evergreen)
		34. Mixed forest (combination of deciduous and evergreen)
4. Water	41. Streams, rivers, and canals	42. Lakes
		43. Water supply reservoirs
5. Wetland	51. Forested wetland	52. Nonforested wetland
		53. Nonforested wetland
6. Barren land	61. Strip mines, quarries, and gravel pits	62. Transitional areas (e.g., cleared for agriculture or development)
		63. Transitional areas (e.g., cleared for agriculture or development)

Source: Godschalk 1988.

**Table 6.1** Bartholomew land use classification

Level 1	Level 2
Residential	Single-family homes Two-family homes Multiple dwellings (apartments)
Commercial	
Industrial	Light industry Heavy industry
Public and Semi-public	Schools, churches, hospitals, institutions, golf courses, etc.
Public Parks	
Railroads	
Streets	
Vacant Land	Undeveloped or agricultural

Source: Lovelace, 1993

# Standard Land Use Coding Manual (SLUCM)

**Table 6.2** The SLUCM land use activity classification

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1	Residential units
11	Household
12	Group quarters
121	Rooming and boarding houses
122	Membership lodgings
123	Residence halls or dormitories
1231	Nurses homes
1232	College dormitories
1239	Other residence halls or dormitories, NEC
124	Retirement homes and orphanages
125	Religious quarters
129	Other group quarters, NEC
13	Residential hotels
14	Mobile home parks or courts
15	Transient lodgings
19	Other residential, NEC (Not elsewhere coded)
2	Manufacturing
21	Food and kindred products—manufacturing
211	Meat products—manufacturing
2111	Meat packing—manufacturing
2112	Sausages and other prepared products—manufacturing
...	...
...	...
...	...
3	Manufacturing
31	Rubber and miscellaneous plastic products—manufacturing
311	Tires and inner tubes—manufacturing
312	Rubber footwear—manufacturing
3120	Rubber footwear—manufacturing
4	Transportation, communication, and utilities
5	Trade
6	Services
7	Cultural, entertainment, and recreational
8	Resource production and extraction
9	Undeveloped land and water area

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Source: URA and BPR, 1965

**Table 6.3** SLUCM ownership and structure coding systems

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**A. Coding system for identifying ownership**

- 1 Public
  - 11 Federal
  - 12 State
  - 13 County
  - 14 Township
  - 15 Municipal
  - 16 Special district
  - 19 Other publics, NEC
- 2 Private
  - 20 Private

**B. Coding system for identifying structures containing household units**

- 1 Single-family structure
    - 11 Single units—detached
    - 12 Single units—semi attached
    - 13 Single units—attached row
  - 2 Two family structure
  - 3 Multifamily structure
  - 4 Converted structures
  - 5 Mobile homes
    - 51 Mobile homes—on permanent foundation
    - 52 Mobile homes—not on permanent foundation
  - 9 Nonresidential structures
    - 90 Nonresidential structures
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Source: URA and BPR, 1965

**Table 6.7 Land Based Classification Standards—Structure Dimension**

Code	Description
<b>1000</b>	<b>Residential buildings</b>
<b>1100</b>	<b>Single family building</b>
1110	Detached units
<b>1120</b>	<b>Attached units</b>
1121	Duplex structures
1122	Zero lot line, row houses, etc.
1130	Accessory units
1140	Townhouses
1150	Manufactured housing
1200	Multifamily structures
1300	Other specialized residential structures
2000	Commercial buildings and other specialized structures
3000	Public assembly structures
4000	Institutional or community facilities
5000	Transportation-related facilities
6000	Utility and other non-building structures
7000	Specialized military structures
8000	Sheds, farm buildings, or agricultural facilities
9000	No structure

Source: <http://www.planning.org/lbcs/standards/view.htm>