

Attributes		Urban Entity	Attribute Value Type	Attribute Category	Statistics	Attribute Value Range	Data Source
<b>Att.1</b>	Land Use Ground Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = Business-Shopping (5035), least = Technical Infrastructure (39)	Other (712), Residential (3895), Business-Shopping (5035), Accomodation (154), Sociocultural Infrastructure (736), Empty (1273), Technical Infrastructure (39), Open Space (140)	Istanbul Metropolitan Municipality
<b>Att.2</b>	Land Use 1st Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = Residential (4961), least = Technical Infrastructure (11)	No 1st Floor (1629), Residential (4961), Business-Shopping (3061), Other (124), Accomodation (168), Empty (1502), Sociocultural Infrastructure (389), Technical Infrastructure (11), Open Space (139)	Istanbul Metropolitan Municipality
<b>Att.3</b>	Land Use 2nd Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = Residential (4303), least = Technical Infrastructure (6)	No 2nd Floor (3345), Residential (4303), Empty (1381), Accomodation (162), Business-Shopping (2258), Sociocultural Infrastructure (291), Other (99), Technical Infrastructure (6), Open Space (139)	Istanbul Metropolitan Municipality
<b>Att.4</b>	Land Use 3rd Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 3rd Floor (6077), least = Technical Infrastructure (2)	No 3rd Floor (6077), Residential (2697), Empty (1027), Accomodation (143), Business-Shopping (1619), Sociocultural Infrastructure (196), Other (84), Technical Infrastructure (2), Open Space (139)	Istanbul Metropolitan Municipality
<b>Att.5</b>	Land Use 4th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 4th Floor (8368), least = Technical Infrastructure (3)	No 4th Floor (8368), Empty (596), Residential (1418), Business-Shopping (1137), Sociocultural Infrastructure (117), Accomodation (136), Technical Infrastructure (3), Other (70), Open Space (139)	Istanbul Metropolitan Municipality
<b>Att.6</b>	Land Use 5th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 5th Floor (10612), least = Technical Infrastructure (1)	No 5th Floor (10612), Residential (414), Business-Shopping (546), Sociocultural Infrastructure (52), Empty (256), Accomodation (93), Technical Infrastructure (1), Other (10)	Istanbul Metropolitan Municipality
<b>Att.7</b>	Land Use 6th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 6th Floor (11424), least = Technical Infrastructure (1)	No 6th Floor (11424), Residential (90), Business-Shopping (279), Sociocultural Infrastructure (24), Empty (95), Technical Infrastructure (1), Accomodation (68), Other (3)	Istanbul Metropolitan Municipality
<b>Att.8</b>	Land Use 7th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 7th Floor (11726), least = Other (2)	No 7th Floor (11726), Residential (27), Business-Shopping (137), Sociocultural Infrastructure (15), Empty (30), Accomodation (47), Other (2)	Istanbul Metropolitan Municipality
<b>Att.9</b>	Land Use 8th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 8th Floor (11885), least = Other (1)	No 8th Floor (11885), Empty (12), Business-Shopping (48), Residential (2), Sociocultural Infrastructure (6), Accomodation (30), Other (1)	Istanbul Metropolitan Municipality
<b>Att.10</b>	Land Use 9th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 9th Floor (11962), least = Accomodation (5)	No 9th Floor (11962), Business-Shopping (10), Empty (7), Accomodation (5)	Istanbul Metropolitan Municipality
<b>Att.11</b>	Land Use 10th Floor	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 10th Floor (11981), least = Business-Shopping (1)	No 10th Floor (11981), Business-Shopping (1), Accomodation (2)	Istanbul Metropolitan Municipality
<b>Att.12</b>	Land Use 1st Basement	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No Basement (7197), least = Technical Infrastructure (9)	No Basement (7197), Business-Shopping (1497), Other (315), Empty (587), Residential (2218), Sociocultural Infrastructure (94), Technical Infrastructure (9), Accomodation (67)	Istanbul Metropolitan Municipality
<b>Att.13</b>	Land Use 2nd Basement	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 2nd Basement (11717), least = Accomodation (7)	No 2nd Basement (11717), Other (8), Residential (148), Business-Shopping (67), Empty (17), Technical Infrastructure (8), Sociocultural Infrastructure (12), Accomodation (7)	Istanbul Metropolitan Municipality
<b>Att.14</b>	Land Use 3rd Basement	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 3rd Basement (11935), least = Technical Infrastructure (2)	No 3rd Basement (11935), Other (3), Residential (25), Business-Shopping (7), Empty (4), Technical Infrastructure (2), Sociocultural Infrastructure (3), Accomodation (5)	Istanbul Metropolitan Municipality
<b>Att.15</b>	Land Use 1st Penthouse	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 1st Roof (8862), least = Other (22)	No 1st Roof (8862), Residential (1884), Business-Shopping (552), Empty (507), Other (22), Accomodation (76), Sociocultural Infrastructure (81)	Istanbul Metropolitan Municipality
<b>Att.16</b>	Land Use2nd Penthouse	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 2nd Roof (11804), least = Other (1)	No 2nd Roof (11804), Residential (78), Empty (38), Business-Shopping (37), Accomodation (19), Sociocultural Infrastructure (7), Other (1)	Istanbul Metropolitan Municipality
<b>Att.17</b>	Land Use 3rd Penthouse	Building Floor	Qualitative (8 categories)	Socio-economic	mode = No 3rd Roof (11973), least = Empty (2)	No 3rd Roof (11973), Residential (4), Accomodation (5), Empty (2)	Istanbul Metropolitan Municipality
<b>Att.18</b>	Neighborhood (Mahalle)	Neighborhood	Qualitative (30 categories)	Location Name	mode = SEHITMUHTAR_Neighborhood (693), least = OMER_AVNI_MAHALLESI (4)	KOCATEPE_Neighborhood (501), GUMUSSUYU_Neighborhood (484), BULBUL_Neighborhood (646), CIHANGIR_Neighborhood (491), CATMALIMESCIT_Neighborhood (307), SEHITMUHTAR_Neighborhood (693), BOSTAN_Neighborhood (234), KALYONCU_KULLUGU_Neighborhood (442), KATIP_MUSTAFA_CELEBI_Neighborhood (439), BEDRETTIN_Neighborhood (285), SAHKULU_Neighborhood (353), CUKUR_Neighborhood (562), HACIMIMI_Neighborhood (438), KILICALIPASA_Neighborhood (412), KEMANKES_Neighborhood (400), KULOGLU_Neighborhood (397), PURTELAS_Neighborhood (324), TOMTOM_Neighborhood (462), YAHYAKAHYA_Neighborhood (476), EVLIYACELEBI_Neighborhood (110), FIRUZAGA_Neighborhood (594), OMER_AVNI_Neighborhood (422), SURURI_Neighborhood (293), KAMERHATUN_Neighborhood (259), ASMALIMESCIT_Neighborhood (330), EMEKYEMEZ_Neighborhood (372), ARAPCAMI_Neighborhood (313), BEREKETZADE_Neighborhood (308), MUEYYETZADE_Neighborhood (305), HUSEYINAGA_Neighborhood (328), OMER_AVNI_MAHALLESI (4)	Istanbul Metropolitan Municipality
<b>Att.19</b>	Population Density (Person/Ha)	Building Block	Quantitative (10 categories)	Socio-demographic	mode = 1000-1500P_HA (2300), least = 200-300P_HA (517)	200-300P_HA (517), 0-100P_HA (1122), No Density (2038), 1000-1500P_HA (2300), 100-200P_HA (960), 300-500P_HA (1245), 500-750P_HA (909), 2000-_P_HA (675), 1500-2000P_HA (1159), 750-1000P_HA (1045)	Istanbul Metropolitan Municipality
<b>Att.20</b>	Presence in the Bosphorus Silhouette	Building	Qualitative (2 categories)	Cultural-historic-economic	mode = Disturbing (185), least = Present (7)	Disturbing (185), Present (7)	Istanbul Metropolitan Municipality
<b>Att.21</b>	Building Maintenance Conditions	Building	Qualitative (5 categories)	Architectural-physical	mode = Medium (8044), least = Ruined (235)	Medium (8044), Bad (2365), Good (997), Unknown (343), Ruined (235)	Istanbul Metropolitan Municipality
<b>Att.22</b>	Building Construction Material	Building	Qualitative (4 categories)	Architectural-physical	mode = Masonry (7557), least = Other (66)	RC (3916), Masonry (7557), Other (66), Wood (229), No Structure (136)	Istanbul Metropolitan Municipality

<b>Att.23</b>	Empty Floor Ratio in the Building	Building	Quantitative (8 categories)	Socio-economic	mode = Fully Occupied (8243), least = No Floor (137)	Fully Occupied (8243), %40-59 empty (556), %20-39 empty (859), %1-19 empty (442), All Empty (1065), %60-79 empty (386), %80-99 empty (156), No Floor (137)	Istanbul Metropolitan Municipality
<b>Att.24</b>	Ownership	Building	Qualitative (25 categories)	Socio-economic	mode = Private (9541), least = Other (2443)	Private (9541), Other (2443)	Istanbul Metropolitan Municipality
<b>Att.25</b>	Historical Registry (intensity)	Building Block	Qualitative (10 categories)	Cultural-historic	mode = %10-20 registered (1872), least = %90-100 registered (192)	%20-30 registered (1830), %50-60 registered (1062), %60-70 registered (1242), %10-20 registered (1872), %0-10 registered (1220), %70-80 registered (611), %40-50 registered (1237), %30-40 registered (1662), %90-100 registered (192), %80-90 registred (224)	Istanbul Metropolitan Municipality
<b>Att.26</b>	Floor Space Index (FSI)	Building Block	Quantitative (9 categories)	Architectural-morphological	mode = 3.00-4.00 (3842), least = 7.50+ (24)	3.00-4.00 (3842), 5.00-7.50 (874), 4.00-5.00 (1814), 2.00-3.00 (3790), 1.00-2.00 (1222), 0.00-0.50 (120), 0.50-1.00 (125), 7.50+ (24), No KAKS (94)	Istanbul Metropolitan Municipality
<b>Att.27</b>	Historical Registry of Buildings	Building	Qualitative (3 categories)	Cultural-historic	mode = Not Available (7623), least = Registered Monuments (576)	Not Available (7623), Registered Monuments (576), Registered Civil Architecture (3785)	Istanbul Metropolitan Municipality
<b>Att.28</b>	Building Footprint	Building	Quantitative (7 categories)	Architectural-physical	avg = 126.818 +/- 346.171	[0.120 ; 17928.150] {0-34 m2, 35-48 m2, 49-61 m2, 62-81m2, 82-114 m2, 115-187 m2, 187-17928 m2 }	computed in GIS (polygon geometry calculation)
<b>Att.29</b>	Distance to Dolmabahce	Building	Quantitative (7 categories)	Spatial-topological	avg = 1561.519 +/- 523.598	[67.927 ; 2645.240] {67-687 m., 688-1068 m., 1069-1361 m., 1362-1666 m., 1667-1975 m., 1976-2268 m., 2269-2645 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.30</b>	Distance to Galata Bridge	Building	Quantitative (7 categories)	Spatial-topological	avg = 1230.008 +/- 529.917	[42.260 ; 2373.590] {42-441m., 442-773 m., 774-1098 m., 1099-1369 m., 1370-1606 m., 1607-1859 m., 1860-2373 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.31</b>	Distance to Galata Tower	Building	Quantitative (7 categories)	Spatial-topological	avg = 993.074 +/- 489.584	[0.000 ; 2220.369] {0-348 m., 349-615 m., 616-899 m., 900-1146 m., 1147-1370m., 1371-1632 m., 1633-2219 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.32</b>	Distance to Galatasaray	Building	Quantitative (7 categories)	Spatial-topological	avg = 642.615 +/- 255.615	[0.000 ; 1509.233] {0-293 m., 294- 451 m., 452-588 m., 588-721 m., 722-872 m., 873-1048 m., 1049-1508 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.33</b>	Distance to Kabatas	Building	Quantitative (7 categories)	Spatial-topological	avg = 1273.475 +/- 466.770	[0.000 ; 2259.720] {0-562 m., 563-841 m., 842-1106 m., 1107-1335m., 1336-1576 m., 1577-1839 m., 1840-2259 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.34</b>	Distance to Taksim	Building	Quantitative (7 categories)	Spatial-topological	avg = 1036.111 +/- 484.985	[0.000 ; 2072.183] { 0-450 m., 451-693 m., 694-919m., 920-1178, 1179-1453m., 1454-1728m., 1729-2071m. }	computed in GIS with Hawth's Tools add-on
<b>Att.35</b>	Distance to Tepebasi	Building	Quantitative (7 categories)	Spatial-topological	avg = 719.322 +/- 304.994	[40.440 ; 1822.421] {40-359 m., 360-535 m., 536-704 m., 705-867 m., 868-1039 m., 1040-1275 m., 1276-1821 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.36</b>	Distance to Tunel	Building	Quantitative (7 categories)	Spatial-topological	avg = 840.742 +/- 403.011	[0.000 ; 2075.647] {0-332 m., 333-547 m., 548-770 m., 771-1005 m., 1006-1230 m., 1231-1501 m., 1502-2074 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.37</b>	Distance to Unkapani	Building	Quantitative (7 categories)	Spatial-topological	avg = 1303.062 +/- 530.636	[116.220 ; 2691.352] {166-562 m., 563-894 m., 895-1191 m., 1192-1462 m., 1463-1720 m., 1721-2037 m., 2038-2691 m. }	computed in GIS with Hawth's Tools add-on
<b>Att.38</b>	Slope Code	Building	Quantitative (9 categories)	Spatial-topographical	mode = 1 (4790), least = 9 (4)	1 (4790), 4 (2751), 7 (365), 6 (690), 8 (969), 0 (621), 5 (873), 3 (587), 2 (334), 9 (4)	Istanbul Metropolitan Municipality
<b>Att.39</b>	Land Height (elevation from the sea level)	Building	Quantitative (8 categories)	Spatial-topographical	mode = 61 (2087), least = 11 (690)	71 (1440), 41 (1808), 61 (2087), 51 (1367), 11 (690), 21 (1421), 31 (1844), 1 (1327)	Istanbul Metropolitan Municipality
<b>Att.40</b>	Number of Floors	Building	Quantitative (12 categories)	Architectural-physical	mode = 3 (2740), least = 11 (1)	1 (1628), 4 (2444), 5 (1963), 2 (1719), 3 (2740), 6 (780), 7 (289), 8 (145), 9 (73), 10 (17), 11 (1), Other (185)	Istanbul Metropolitan Municipality
<b>Att.41</b>	Basement (with or without)	Building	Qualitative (4 categories)	Architectural	mode = No Basement floor (7197), least = 3 Basement floor (49)	No Basement floor (7197), 1 Basement floor (4521), 3 Basement floor (49), 2 Basement floor (217)	Istanbul Metropolitan Municipality
<b>Att.42</b>	Penthouse (with or without)	Building	Qualitative (4 categories)	Architectural	mode = No Penthouse floor(8862), least = 3 Penthouse floor (11)	No Penthouse floor (8862), 2 Penthouse floor (168), 1 Penthouse floor (2943), 3 Penthouse floor (11)	Istanbul Metropolitan Municipality
<b>Att.43</b>	Streets	Building	Qualitative (52 categories)	Location Name	mode = 3rd Level (8627), least = Doktor Bedii Gorbon Sokak (8)	3rd Level (8627), Istiklal Caddesi (233), Meclis-i Mebusan Caddesi (185), Tarlabasi Caddesi (181), Siraselviler Caddesi (141), Sakizagaci Caddesi (132), Kalyoncu Kullugu Caddesi (127), Mesrutiyet Caddesi (93), Turan Caddesi (93), Bogazkesen Caddesi (83), Ismet Inonu Caddesi (79), Kemeralti Caddesi (78), Defterdar Yokusu (77), Laleci Caddesi (75), Kumbaraci Yokusu (73), Galipdede Caddesi (66), Yeniciansi Caddesi (64), Omer Hayyam Caddesi (63), Aynalicesme Caddesi (61), Taksim Caddesi (57), Refik Saydam Caddesi (56), TersaneVeSabahattinEvren Caddesi (53), Gunesli Sokak (49), Kemankes Caddesi (48), Sipahi Firini Sokak (48), Akyol Sokak (46), ... and 21 more ... , Civici Sokak (27), Susam Sokak (24), Mete Caddesi (19), Coskun Sokak (18), Selime Hatun Sokak (18), Mexelik Sokak (17), Zambak Sokak (17), Maliye Caddesi (16), Bolahenk Sokak (15), Hamambasi Caddesi (15), Havuzdegirmeni Sokak (15), Karabas Mektebi Sokak (15), Altin Bilezik Sokak (14), Arian Sokak (14), Gumruk Sokak (14), Hayrat Sokak (13), Osmanli Sokak (13), Tali Sokak (13), AskerOcagi Caddesi (12), ilkBelediye Caddesi (12), Laleciler Caddesi (12), Tozkoparan Mezarlik Sokak (12), Sabuncu Sokak (11), Ayni Alibaba Sokak (10), Nilufer Sokak (9), Doktor Bedii Gorbon Sokak (8)	Istanbul Metropolitan Municipality
<b>Att.44</b>	Street Hierarchy	Building	Qualitative (3 categories)	Socio-economic	mode = 3rd Level (8627), least = 1st Level (598)	3rd Level (8627), 2nd Level (2759), 1st Level (598)	Istanbul Metropolitan Municipality

Att.45	Land Price	Street	Quantitative (12 categories)	Economic	avg = 969.620 +/- 1600.324	[43.000 ; 8611.000 ]{43-86; 97-140; 151-183; 194-258; 269-388; 398-592; 646-891; 915-1238; 1292-1830; 1938-2691; 2906-4306; 5382-8611}	Beyoglu Municipality
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