**Appendix - Table 1. Business categories’ contributions to healthful and less-healthful food/drink availability by street segment, the Bronx versus the UES, 2015**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Characteristics of street segments having ≥ 1 businessa** | **Bronx**  **n** | **(%)** | **UES**  **n** | **(%)** | **Bronx - UES**  **(%age-point difference)** | **[95% CI]** |
| **Street segments offering food/drink items** | 55 | (100) | 32 | (100) | - | - |
| Due at least in part to food store(s)**b** | 37 | (67.3) | 10 | (31.3) | (33.7) | [14.4, 53.1] |
| Due at least in part to restaurant(s)**b** | 36 | (65.5) | 22 | (68.8) | (-3.4) | [-24.8, 17.9] |
| Due at least in part to OSB(s)**b** | 41 | (74.5) | 14 | (43.8) | (30.8) | [10.1, 51.5] |
| Due at least in part to street vendors(s)**b** | 16 | (29.1) | 6 | (18.8) | (12.7) | [-9.4, 34.8] |
| Due at least in part to restaurant(s) and/or food store(s)**c** | 47 | (85.5) | 25 | (78.1) | (11.9) | [-15.6, 39.5] |
| Due at least in part to OSB(s) and/or street vendor(s)**d** | 42 | (76.4) | 19 | (59.4) | (18.9) | [-3.6, 41.3] |
| **Street segments offering any healthful food/drinkb** | 54 | (100) | 32 | (100) | - | - |
| Due at least in part to food store(s)**b** | 37 | (68.5) | 9 | (28.1) | (37.9) | [18.8, 57.1] |
| Due at least in part to restaurant(s)**b** | 36 | (66.7) | 22 | (68.8) | (-2.2) | [-23.9, 19.5] |
| Due at least in part to OSB(s)**b** | 35 | (64.8) | 12 | (37.5) | (25.8) | [5.7, 45.8] |
| Due at least in part to street vendors(s)**b** | 16 | (29.6) | 6 | (18.8) | (13.4) | [-8.8, 35.5] |
| Due at least in part to restaurant(s) and/or food store(s)**c** | 47 | (87.0) | 25 | (78.1) | (15.3) | [-13.1, 43.7] |
| Due at least in part to OSB(s) and/or street vendor(s)**d** | 39 | (72.2) | 17 | (53.1) | (19.6) | [-1.9, 41.2] |
| **Street segments offering any less-healthful food/drinkb** | 55 | (100) | 30 | (100) | - | - |
| Due at least in part to food store(s)**b** | 37 | (67.3) | 10 | (33.3) | (31.4) | [11.6, 51.1] |
| Due at least in part to restaurant(s)**b** | 36 | (65.5) | 22 | (73.3) | (-8.3) | [-29.6, 13.0] |
| Due at least in part to OSB(s)**b** | 39 | (70.9) | 10 | (33.3) | (35.1) | [15.4, 54.9] |
| Due at least in part to street vendors(s)**b** | 13 | (23.6) | 5 | (16.7) | (9.5) | [-14.2, 33.2] |
| Due at least in part to restaurant(s) and/or food store(s)**c** | 47 | (85.5) | 25 | (83.3) | (3.7) | [-24.9, 32.4] |
| Due at least in part to OSB(s) and/or street vendor(s)**d** | 41 | (74.5) | 14 | (46.7) | (27.9) | [6.6, 49.1] |

OSB = other storefront businesses, UES = Upper East Side (neighborhood of Manhattan)

a Exact determination of food/drink offerings could only be made for businesses that were open at the time of assessments; for imputation of food/drink offering from businesses closed at the time of assessment, please see Appendix - Table 2.

b Please see footnotes to Table 1 for definition

c businesses typically measured in food-environment research

d businesses typically not captured in food-environment research

**Appendix - Table 2. Actual food/drink-item availability from open businesses, with and without imputed food/drink-item availability from closed businesses, Bronx versus the UES, 2015**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Bronx** | | | | | **UES** | | | | |
| **Characteristic** | **Open businesses**  **n** | **(%)c** | **Open businesses + closed businesses**  **n** | **(%)c** | **Percent increase in n with addition of closed businesses** | **Open businesses**  **n** | **(%)c** | **Open businesses + closed businesses**  **n** | **(%)c** | **Percent increase in n with addition of closed businesses** |
|  |  |  |  |  |  |  |  |  |  |  |
| **Overall businesses** | 662 | (100) | 743 | (100) | 12.2 | 330 | (100) | 357 | (100) | 8.2 |
| actual (or imputed) offering any food/drink itemsa | 278 | (42.0) | 307 | (41.3) | 10.4 | 99 | (30.0) | 111 | (31.1) | 12.1 |
| **Food Storesb** | 76 | (11.5) | 80 | (10.8) | 5.3 | 14 | (4.2) | 15 | (4.2) | 7.1 |
| actual (or imputed) offering any food/drink itemsa | 76 | (100) | 80 | (100) | 5.3 | 14 | (100) | 15 | (100) | 7.1 |
| **Restaurantsb** | 81 | (12.2) | 104 | (14.0) | 28.4 | 59 | (17.9) | 68 | (19.0) | 15.3 |
| actual (or imputed) offering any food/drink itemsa | 81 | (100) | 104 | (100) | 28.4 | 59 | (100) | 68 | (100) | 15.3 |
| **OSBsb** | 481 | (72.7) | 535 | (72.0) | 11.2 | 248 | (75.2) | 264 | (73.9) | 6.5 |
| actual (or imputed) offering any food/drink itemsa | 100 | (20.8) | 102a | (19.1)a | 2.0a | 18 | (7.3) | 19a | (7.2)a | 5.6a |
| **Street vendorsb** | 24 | (3.6) | 24 | (3.2) | 0.0 | 9 | (2.7) | 10 | (2.8) | 11.1 |
| actual (or imputed) offering any food/drink itemsa | 21 | (87.5) | 21 | (87.5) | 0.0 | 8 | (88.9) | 9 | (90.0) | 12.5 |
|  |  |  |  |  |  |  |  |  |  |  |

OSB = other storefront businesses, UES = Upper East Side (neighborhood of Manhattan)

a Actual offering of food/drink items could only be determined for businesses that were open at the time of assessments. For businesses that were closed at the time of assessments, food/drink offering was imputed: to be conservative, offering food/drink was assumed for all closed food stores, all closed restaurants, all closed food/drink selling street vendors (n = 1 food truck in the UES), and no other storefront businesses except for liquor stores. Using less-conservative estimation for other storefront businesses, the percentages of closed businesses offering food/drink might be imputed as follows: assume the same percentage as the percentage of open businesses of the same type that offered food/drink (e.g., 100% of gyms, 10.3% of hair salons, 13.0% of doctor’s offices, 21.4% of banks in the Bronx; 0% of gyms, 0% of hair salons, 6.1% of doctor’s offices, 40% of banks in the UES). Using this method, food/drink offering OSBs in the Bronx would increase by an additional 12 and in the UES would increase by an additional 1. Resultant totals for overall businesses offering food/drink in the Bronx would then be 319/743 (42.9%) and in the UES would be 112/357 (31.4%).

bPlease see footnotes to Table 1 for definition

c Column percentage; denominators for column percentages are the n values in the preceding table row having the lesser degree of indentation.

**Appendix - Table 3. Street segments on which food/drink were available from different business categories -- actual for open businesses, imputed for closed businesses, Bronx versus the UES, 2015**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Bronx** | | | | | **UES** | | | | |
| **Characteristic** | **Open businesses**  **n** | **(%)c** | **Open businesses + closed businesses**  **n** | **(%)c** | **Percent increase in n with addition of closed businesses** | **Open businesses**  **n** | **(%)c** | **Open businesses + closed businesses**  **n** | **(%)c** | **Percent increase in n with addition of closed businesses** |
|  |  |  |  |  |  |  |  |  |  |  |
| **Street segments having ≥ 1 businessa** | 63 | (100) | 63 | (100) | 0.0 | 44 | (100) | 46 | (100) | 4.5 |
| actual (or imputed) offering any food/drink itemsa | 55 | (87.3) | 57d | (90.5) | 3.6 | 32 | (72.7) | 33e | (71.7) | 3.1 |
| **Street segments having ≥ 1 food Storeb** | 37 | (58.7) | 37 | (58.7) | 0.0 | 10 | (22.7) | 11 | (23.9) | 10.0 |
| actual (or imputed) offering any food/drink itemsa | 37 | (100) | 37 | (100) | 0.0 | 10 | (100) | 11 | (100) | 10.0 |
| **Street segments having ≥ 1 restaurantb** | 36 | (57.1) | 43 | (68.3) | 19.4 | 22 | (50.0) | 24 | (52.2) | 9.1 |
| actual (or imputed) offering any food/drink itemsa | 36 | (100) | 43 | (100) | 19.4 | 22 | (100) | 24 | (100) | 9.1 |
| **Street segments having ≥ 1 OSBsb** | 58 | (92.1) | 60 | (95.2) | 3.4 | 39 | (88.6) | 42 | (91.3) | 7.7 |
| actual (or imputed) offering any food/drink itemsa | 41 | (70.7) | 41 | (68.3) | 0.0 | 14 | (35.9) | 14 | (33.3) | 0.0 |
| **Street segments having ≥ 1 street vendor b** | 17 | (27.0) | 17 | (27.0) | 0.0 | 6 | (13.6) | 6 | (13.0) | 0.0 |
| actual (or imputed) offering any food/drink itemsa | 16 | (94.1) | 16 | (94.1) | 0.0 | 6 | (100) | 6 | (100) | 0.0 |
|  |  |  |  |  |  |  |  |  |  |  |

OSB = other storefront businesses, UES = Upper East Side (neighborhood of Manhattan)

a Actual offering of food/drink items could only be determined for businesses that were open at the time of assessments. For businesses that were closed at the time of assessments, food/drink offering was imputed: to be conservative, offering food/drink was assumed for all closed food stores, all closed restaurants, all closed food/drink selling street vendors (n = 1 food truck in the UES), and no other storefront businesses except for liquor stores. Actual and imputed availability of food/drink on a street segment from businesses of a given category (food store, restaurant, other storefront business, or street vendor) were *irrespective* of food/drink offering from businesses of other categories.

bPlease see footnotes to Table 1 for definition

c Column percentage; denominators for column percentages are the n values in the preceding table row having the lesser degree of indentation.

d The two additional street segment that would offer food/drink were each due to closed restaurants (in the setting of several non-food/drink-offering OSBs)

e The single additional street segment that would offer food/drink was one with a closed restaurant (and three non-food/drink-offering OSBs).