Thesis

ENOCK OSEI

## Demography

| Characteristic | N = 4011 |
| --- | --- |
| **Age** |  |
| 18 - 24 years | 121 (30%) |
| 25 - 30 years | 171 (43%) |
| 31 - 40 years | 50 (12%) |
| 41 - 50 years | 36 (9.0%) |
| 51 - 60 years | 12 (3.0%) |
| 61 and above | 3 (0.7%) |
| under 18 | 8 (2.0%) |
| **Gender** |  |
| Female | 170 (42%) |
| Male | 231 (58%) |
| **Education Level** |  |
| Bachelor’s degree | 139 (35%) |
| High school certificate | 107 (27%) |
| HND/diploma | 60 (15%) |
| Junior High certificate | 36 (9.0%) |
| No formal Education | 25 (6.2%) |
| Postgraduate | 34 (8.5%) |
| **Employment status** |  |
| Formally Employed | 140 (35%) |
| Self Employed | 107 (27%) |
| Student | 107 (27%) |
| Unemployed | 47 (12%) |
| **Marital status** |  |
| Cohabitation | 15 (3.7%) |
| Divorced | 3 (0.7%) |
| Married | 115 (29%) |
| separated | 1 (0.2%) |
| Single | 267 (67%) |
| **Car ownership** |  |
| No | 310 (77%) |
| Yes | 90 (22%) |
| **Motor/Bicycle Ownership** |  |
| No | 338 (84%) |
| Yes | 62 (15%) |
| **Average monthly household income** |  |
| 1001 - 1500 cedis | 32 (8.0%) |
| 101 - 500 cedis | 113 (28%) |
| 1501 - 2500 cedis | 65 (16%) |
| 2501 - 3500 cedis | 18 (4.5%) |
| 3500 - above cedis | 13 (3.2%) |
| 501 - 1000 cedis | 96 (24%) |
| less 100 cedis | 64 (16%) |
| 1n (%) |  |
|  |  |
|  | |

## Primary Trips Before Covid By Gender

|  | Gender | | Education | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Characteristic | Female  N = 1701 | Male  N = 2311 | Bachelor’s  degree  N = 1391 | High school certificate  N = 1071 | HND/diploma N = 601 | Junior High certificate N = 361 | No formal Education  N = 251 | Postgraduate, N = 341 |
| **Primary trip** |  |  |  |  |  |  |  |  |
| recreational activity | 10 (5.9%) | 9 (3.9%) | 4 (2.9%) | 4 (3.7%) | 6 (10%) | 3 (8.3%) | 2 (8.0%) | 0 (0%) |
| shopping | 17 (10%) | 16 (6.9%) | 12 (8.6%) | 12 (11%) | 2 (3.3%) | 2 (5.6%) | 2 (8.0%) | 3 (8.8%) |
| social activity | 8 (4.7%) | 17 (7.4%) | 13 (9.4%) | 2 (1.9%) | 9 (15%) | 0 (0%) | 0 (0%) | 1 (2.9%) |
| study | 60 (35%) | 62 (27%) | 42 (30%) | 46 (43%) | 10 (17%) | 7 (19%) | 3 (12%) | 14 (41%) |
| work | 75 (44%) | 127 (55%) | 68 (49%) | 43 (40%) | 33 (55%) | 24 (67%) | 18 (72%) | 16 (47%) |
| 1n (%) | | | | | | | | |

## Frequency of Primary Trips Before and During Covid

|  | Before Covid | During Covid |
| --- | --- | --- |
| Characteristic | N = 4011 | N = 4011 |
| **Work trips** |  |  |
| 1 trip/week | 42 (10%) | 46 (11%) |
| 2 trips/week | 27 (6.7%) | 56 (14%) |
| 3 trips/week | 16 (4.0%) | 20 (5.0%) |
| 4 trip/week | 12 (3.0%) | 13 (3.2%) |
| 5 or more trips/week | 169 (42%) | 98 (24%) |
| never | 135 (34%) | 168 (42%) |
| **Study trips** |  |  |
| 1 trip/week | 71 (18%) | 67 (17%) |
| 2 trips/week | 43 (11%) | 46 (11%) |
| 3 trips/week | 20 (5.0%) | 27 (6.7%) |
| 4 trip/week | 18 (4.5%) | 16 (4.0%) |
| 5 or more trips/week | 86 (21%) | 52 (13%) |
| never | 163 (41%) | 193 (48%) |
| **Shopping trips** |  |  |
| 1 trip/week | 96 (24%) | 116 (29%) |
| 2 trips/week | 89 (22%) | 36 (9.0%) |
| 3 trips/week | 24 (6.0%) | 14 (3.5%) |
| 4 trip/week | 14 (3.5%) | 6 (1.5%) |
| 5 or more trips/week | 8 (2.0%) | 7 (1.7%) |
| never | 170 (42%) | 222 (55%) |
| **Recreational trips** |  |  |
| 1 trip/week | 114 (28%) | 81 (20%) |
| 2 trips/week | 40 (10.0%) | 21 (5.2%) |
| 3 trips/week | 21 (5.2%) | 8 (2.0%) |
| 4 trip/week | 8 (2.0%) | 10 (2.5%) |
| 5 or more trips/week | 11 (2.7%) | 6 (1.5%) |
| never | 207 (52%) | 275 (69%) |
| **Social activity trips** |  |  |
| 1 trip/week | 151 (38%) | 98 (24%) |
| 2 trips/week | 36 (9.0%) | 36 (9.0%) |
| 3 trips/week | 22 (5.5%) | 11 (2.7%) |
| 4 trip/week | 18 (4.5%) | 8 (2.0%) |
| 5 or more trips/week | 19 (4.7%) | 7 (1.7%) |
| never | 155 (39%) | 241 (60%) |
| 1n (%) | | |

## Frequency of Online Activities Before and During Covid

|  | Before Covid | During Covid |
| --- | --- | --- |
| Characteristic | N = 4011 | N = 4011 |
| **Online learning** |  |  |
| 1/week | 79 (20%) | 62 (15%) |
| 2/week | 40 (10.0%) | 48 (12%) |
| 3/week | 24 (6.0%) | 27 (6.7%) |
| 4/week | 7 (1.7%) | 9 (2.2%) |
| 5/more/week | 34 (8.5%) |  |
| never | 217 (54%) | 187 (47%) |
| 5 or more/week |  | 68 (17%) |
| **Online shopping** |  |  |
| 1/week | 48 (12%) | 59 (15%) |
| 2/week | 38 (9.5%) | 28 (7.0%) |
| 3/week | 21 (5.2%) | 17 (4.2%) |
| 4/week | 7 (1.7%) | 9 (2.2%) |
| 5/more/week | 18 (4.5%) |  |
| never | 269 (67%) | 248 (62%) |
| 5 or more/week |  | 40 (10.0%) |
| **Teleworking** |  |  |
| 1/week | 69 (17%) | 65 (16%) |
| 2/week | 36 (9.0%) | 24 (6.0%) |
| 3/week | 16 (4.0%) | 24 (6.0%) |
| 4/week | 8 (2.0%) | 10 (2.5%) |
| 5/more/week | 6 (1.5%) |  |
| never | 266 (66%) | 262 (65%) |
| 5 or more/week |  | 16 (4.0%) |
| 1n (%) | | |

## Frequency of Primary tripps Before and During Covid by Gender

|  | Before Covid | During Covid |
| --- | --- | --- |
| Characteristic | N = 4011 | N = 4011 |
| **Primary trip** |  |  |
| recreational activity | 19 (4.7%) | 21 (5.2%) |
| shopping | 33 (8.2%) | 48 (12%) |
| social activity | 25 (6.2%) | 25 (6.2%) |
| study | 122 (30%) | 114 (28%) |
| work | 202 (50%) | 193 (48%) |
| 1n (%) | | |

## Frequency of distance traveled Before and During Covid by Gender

|  | Before Covid | | During Covid | |
| --- | --- | --- | --- | --- |
| Characteristic | Female, N = 1701 | Male, N = 2311 | Female, N = 1701 | Male, N = 2311 |
| **Distance travel** |  |  |  |  |
| 0 - 5km | 32 (19%) | 30 (13%) | 68 (40%) | 55 (24%) |
| 10.01 - 15km | 35 (21%) | 41 (18%) | 18 (11%) | 31 (13%) |
| 15.01 - 20km | 13 (7.6%) | 11 (4.8%) | 7 (4.1%) | 8 (3.5%) |
| 20.01 - 30km | 32 (19%) | 40 (17%) | 10 (5.9%) | 20 (8.7%) |
| 30.01km and above | 15 (8.8%) | 37 (16%) | 8 (4.7%) | 28 (12%) |
| 5.01 - 10km | 43 (25%) | 72 (31%) | 59 (35%) | 89 (39%) |
| 1n (%) | | | | |

## Frequency of distance traveled Before and During Covid by Household car ownership

|  | Before Covid | | During Covid | |
| --- | --- | --- | --- | --- |
| Characteristic | No, N = 3101 | Yes, N = 901 | No, N = 3101 | Yes, N = 901 |
| **Distance travel** |  |  |  |  |
| 0 - 5km | 49 (16%) | 13 (14%) | 99 (32%) | 24 (27%) |
| 10.01 - 15km | 57 (18%) | 18 (20%) | 40 (13%) | 9 (10%) |
| 15.01 - 20km | 21 (6.8%) | 3 (3.3%) | 7 (2.3%) | 8 (8.9%) |
| 20.01 - 30km | 54 (17%) | 18 (20%) | 29 (9.4%) | 1 (1.1%) |
| 30.01km and above | 44 (14%) | 8 (8.9%) | 28 (9.0%) | 8 (8.9%) |
| 5.01 - 10km | 85 (27%) | 30 (33%) | 107 (35%) | 40 (44%) |
| 1n (%) | | | | |

## Perceived Risk of infection (Graph)

