**Appendix A.** Socio-demographics Characteristics of Participants†

|  |  |  |
| --- | --- | --- |
|  | Before Sewol Ferry disaster (2011-2013) | After Sewol Ferry disaster (2014-2016) |
| Resident in Ansan(N=5,524) | Residents outside of Ansan(N=681,404) | Resident in Ansan(N=5,502) | Residents outside of Ansan(N=680,220) |
| *Sex, No (%)* | Male | 2,540 (46.0) | 306,097 (44.9) | 2,568 (46.7) | 306,846 (45.1) |
| Female | 2,984 (54.0) | 375,307 (55.1) | 2,934 (53.3) | 373,374 (54.9) |
| *Age (years), Mean ± SD* | 51.55 ± 16.96 | 44.63 ± 15.33 | 52.54 ± 17.30 | 45.51 ± 15.43 |
| Educational status | ≤ High school | 3,357 (60.8) | 457,562 (67.3) | 3,303 (60.1) | 438,476 (64.5) |
| College or higher | 2,162 (39.2) | 222,675 (32.7) | 2,196 (39.9) | 240,833 (35.5) |
| Marital status | Not married | 1,127 (20.4) | 98,897 (14.5) | 1,193 (21.7) | 104,006 (15.3) |
| Married | 3,738 (67.7) | 467,919 (68.7) | 3,653 (66.4) | 463,369 (68.2) |
| Divorced, separated and widowed | 659 (11.9) | 114,137 (16.8) | 656 (11.9) | 112,232 (16.5) |
| Employment status | Employer or self-employed | 865 (15.7) | 143,968 (21.2) | 814 (14.8) | 135,302 (20.0) |
| Employee | 2,687 (48.7) | 283,449 (41.7) | 2,830 (51.5) | 291,398 (43.0) |
| Inoccupation | 1,967 (35.6) | 252,363 (37.1) | 1,855 (33.7) | 251,340 (37.1) |
| Depressive mood | Yes | 515 (9.3) | 36,487 (5.4) | 558 (10.1) | 44,551 (6.6) |
| No | 5,008 (90.7) | 644,546 (94.6) | 4,942 (89.9) | 635,451 (93.4) |
| Stress status | Not stressful at all  | 788 (14.3) | 139,949 (20.6) | 897 (16.3) | 149,236 (22.0) |
| Not very stressful | 2,918 (52.9) | 362,678 (53.3) | 3,001 (54.6) | 356,174 (52.4) |
| Somewhat stressful | 1,557 (28.2) | 155,507 (22.8) | 1,321 (24.0) | 148,978 (21.9) |
| Very stressful | 257 (4.7) | 22,513 (3.3) | 281 (5.1) | 25,450 (3.7) |
| Health status | Excellent | 321 (5.8) | 42,120 (6.1) |  281 (5.1)  | 38,529 (5.7) |
| Good | 1,735 (31.5) | 208,560 (30.7) | 1,875 (33.9) | 227,654 (33.4) |
| Average | 2,625 (47.7) | 285,493 (42.0) | 2,615 (47.3) | 269,069 (39.5) |
| Fair | 650 (11.8) | 110,000 (16.2) | 587 (10.6) | 114,556 (16.8) |
| Poor | 171 (3.1) | 34,902 (5.1) | 165 (3.0) | 31,518 (4.6) |

† In some factors, there may be a missing value due to nonresponse of respondents.