

Table S1. Number and proportional change in physicians in the comparison area in the pre- and post-disaster years

| Sub-category | Tohoku-east sub-region (Iwate) | | | | | Tohoku-west sub-region (Aomori, Akita, Yamagata) | | | | |
|---|-----------------------------------|------|-------|------|------------------------|---|------|-------|------|------------------------|
| | Pre, N | (%) | Post, | | Proportional change | Pre, N | (%) | Post, | | Proportional change |
| | | | N | (%) | | | | N | (%) | |
| Population[†] | 1345 | | 1314 | | -2.3 | 3691 | | 3604 | | -2.3 |
| Physicians | 2413 | | 2471 | | 2.4 | 7129 | | 7116 | | -0.2 |
| Physician to population proportion[‡] | 179 | | 188 | | 4.8 | 193 | | 197 | | 2.2 |
| Type of facility | | | | | | | | | | |
| Clinic | 850 | (35) | 847 | (34) | -0.4 | 2465 | (35) | 2406 | (34) | -2.4 |
| Hospital | 1563 | (65) | 1624 | (66) | 3.9 | 4664 | (65) | 4710 | (66) | 1.0 |
| Clinical specialty | | | | | | | | | | |
| Internal Medicine | 1028 | (43) | 1058 | (43) | 2.9 | 3007 | (42) | 2995 | (42) | -0.4 |
| Surgery | 611 | (25) | 614 | (25) | 0.5 | 1735 | (24) | 1738 | (24) | 0.2 |
| Psychiatry | 114 | (5) | 131 | (5) | 14.9 | 435 | (6) | 437 | (6) | 0.5 |
| Other | 520 | (22) | 534 | (22) | 2.7 | 1538 | (22) | 1560 | (22) | 1.4 |
| Resident | 140 | (6) | 134 | (5) | -4.3 | 414 | (6) | 386 | (5) | -6.8 |
| Age | | | | | | | | | | |
| ≤35 years | 482 | (20) | 511 | (21) | 6.0 | 1490 | (21) | 1469 | (21) | -1.4 |
| 36–50 | 816 | (34) | 783 | (32) | -4.0 | 2491 | (35) | 2374 | (33) | -4.7 |
| 51–65 | 752 | (31) | 816 | (33) | 8.5 | 2158 | (30) | 2318 | (33) | 7.4 |
| ≥66 | 363 | (15) | 361 | (15) | -0.6 | 990 | (14) | 955 | (13) | -3.5 |
| Career length | | | | | | | | | | |
| ≤2 years | 142 | (6) | 133 | (5) | -6.3 | 394 | (6) | 373 | (5) | -5.3 |
| 3–5 | 162 | (7) | 175 | (7) | 8.0 | 476 | (7) | 498 | (7) | 4.6 |
| 6–10 | 262 | (11) | 288 | (12) | 9.9 | 856 | (12) | 835 | (12) | -2.5 |
| 11–20 | 535 | (22) | 508 | (21) | -5.0 | 1686 | (24) | 1542 | (22) | -8.5 |
| ≥21 | 1312 | (54) | 1367 | (55) | 4.2 | 3717 | (52) | 3868 | (54) | 4.1 |
| Sex | | | | | | | | | | |
| Men | 2067 | (86) | 2100 | (85) | 1.6 | 6064 | (85) | 5985 | (84) | -1.3 |
| Women | 346 | (14) | 371 | (15) | 7.2 | 1065 | (15) | 1131 | (16) | 6.2 |

Pre, pre-disaster (2010); Post, post-disaster (2012)

[†] Thousand people.

[‡] Physicians per 100,000 population.