SHM database:

28,870

Email successfully delivered:

28,373

Eligible respondents from sample:

5,786

Entered information in the survey:

759

Responses Analyzed:

620

Undelivered emails:

497

Email not opened:

22,587

Did not click on survey link:

5,043

Not clinically active:

42

Only answered the first question:

70

Duplicate Survey (Name, email, and/or demographic):

27

**Appendix Figure.** Sampling Flowchart

**Appendix Table.** Demographic Characteristics of Respondents in Each Wave of Survey Administration

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Characteristic, n (%)** | **Wave 1 (n=283)** | **Wave 2 (n=137)** | **Wave 3 (n=129)** | **P value Across Waves** | **P value Wave 1 vs. Wave 3** |
| Mean age (SD) | 42.4 (10.0) | 44.1 (10.2) | 42.8 (9.8) | 0.26 | 0.68 |
| Women | 139 (49.1) | 57 (41.6) | 69 (53.5) | 0.14 | 0.41 |
| Race |  |  |  | 0.46 | 0.50 |
|  | White | 208 (73.5) | 87 (63.5) | 85 (65.9) |  |  |
|  | Asian | 52 (18.4) | 29 (21.2) | 27 (20.9) |  |  |
|  | Black | 7 (2.5) | 8 (5.8) | 5 (3.9) |  |  |
|  | Hispanic | 5 (1.8) | 5 (3.7) | 4 (3.1) |  |  |
|  | Other | 11 (3.4) | 8 (5.8) | 8 (6.2) |  |  |
| Professional type |  |  |  | 0.42 | 0.51 |
|  | Physician | 248 (87.6) | 124 (90.5) | 110 (85.3) |  |  |
|  | Nurse practitioner or physician assistant | 35 (12.4) | 13 (9.5) | 19 (14.7) |  |  |
| Size of hospital |  |  |  | 0.72 | 0.77 |
|  | <100 beds | 21 (7.5) | 14 (10.4) | 10 (8.0) |  |  |
|  | 100-299 beds | 73 (26.2) | 43 (32.1) | 38 (30.4) |  |  |
|  | 300-499 beds | 78 (28.0) | 34 (25.4) | 35 (28.0) |  |  |
|  | ≥500 beds | 107 (38.4) | 43 (32.1) | 42 (33.6) |  |  |
| Location of practice |  |  |  | 0.79 | 0.56 |
|  | Northeast | 55 (19.4) | 31 (22.6) | 24 (18.6) |  |  |
|  | Midwest | 79 (27.9) | 30 (21.9) | 31 (24.0) |  |  |
|  | South | 76 (26.9) | 40 (29.2) | 41 (31.8) |  |  |
|  | West | 62 (21.9) | 32 (23.4) | 31 (24.0) |  |  |
|  | Other | 11 (3.9) | 4 (2.9) | 2 (1.6) |  |  |
| Teaching status  |  |  |  | 0.38 | 0.52 |
|  | Major teaching hospital  | 132 (46.6) | 53 (38.7) | 58 (45.0) |  |  |
|  | Teaching hospital | 95 (33.6) | 51 (37.2) | 50 (38.8) |  |  |
|  | Non-teaching hospital | 56 (19.8) | 33 (24.1) | 21 (16.3) |  |  |
| WiFi connection available in workplace | 276 (97.5) | 132 (96.4) | 127 (98.5) | 0.55 | 0.55 |