

**Table 2 Utilization of mammography in the previous 12 months in 4 consecutive surveys and first ever utilization in 3 consecutive surveys among Lebanese women**

Area/survey	Utilization of mammography in previous 12 months			First ever utilization of mammography		
	n/N	% (95% CI) <sup>a</sup>	P-value <sup>b</sup>	n/N	% (95% CI) <sup>a</sup>	P-value <sup>b</sup>
<b>Outside Beirut</b>						
<i>Akkar</i>						
S1	21/200	10.5 (6.3–14.7)	0.655	n/a	n/a	–
S2	58/200	29.0 (22.7–35.3)	< 0.001	34/56	60.7 (47.9–73.5)	0.363
S3	22/160	13.8 (8.4–19.1)	0.12	13/22	59.1 (38.5–79.6)	0.122
S4	10/160	6.3 (2.5–10.0)	< 0.001	8/10	80.0 (55.2–100)	0.316
<i>Batroun</i>						
S1	26/200	13.0 (8.3–17.7)	0.44	n/a	n/a	–
S2	44/200	22.0 (16.3–27.7)	0.001	20/44	45.5 (30.7–60.2)	0.112
S3	23/160	14.4 (8.9–19.8)	0.181	15/23	65.2 (45.7–84.7)	0.027
S4	32/160	20.0 (13.8–26.2)	< 0.424	22/32	68.8 (52.7–84.8)	0.882
<i>Chouf</i>						
S1	20/200	10.0 (5.8–14.2)	0.49	n/a	n/a	–
S2	20/200	10.0 (5.8–14.2)	0.038	11/20	55.0 (33.2–76.8)	0.894
S3	17/160	10.6 (5.8–15.4)	0.008	8/17	47.1 (23.3–70.8)	0.763
S4	19/160	11.9 (6.9–16.9)	0.0367	12/19	63.2 (41.5–84.8)	0.663
<i>Zahleh</i>						
S1	31/400	7.8 (5.1–10.3)	0.005	n/a	n/a	–
S2	37/400	9.3 (6.4–12.1)	< 0.001	22/37	59.5 (43.6–75.3)	0.608
S3	30/160	18.8 (12.7–24.8)	0.279	9/30	30.0 (13.6–46.4)	0.106
S4	26/160	16.3 (10.5–22.0)	0.594	21/26	80.8 (65.6–95.9)	0.126
<i>Sour</i>						
S1	38/200	19.0 (13.6–24.4)	< 0.001	n/a	n/a	–
S2	18/200	9.0 (5.0–13.0)	0.012	10/17	58.8 (35.4–82.2)	0.788
S3	19/160	11.9 (6.9–16.9)	0.027	13/19	68.4 (47.5–89.3)	0.022
S4	26/160	16.3 (10.5–22.0)	0.594	20/25	80.0 (64.3–95.7)	0.159
<i>Total</i>						
S1	136/1200	11.3 (9.5–13.1)	–	n/a	n/a	–
S2	177/1200	14.8 (12.7–16.8)	–	97/174	55.7 (48.4–63.1)	–
S3	111/1200	13.9 (11.5–16.3)	< 0.001	58/111	62.3 (43.0–61.5)	0.009
S4	113/1200	14.1 (11.7–16.5)	< 0.001	83/112	74.1 (66.0–82.2)	0.032
<b>Greater Beirut</b>						
<i>Beirut city</i>						
S1	n/a	n/a	–	n/a	n/a	–
S2	n/a	n/a	–	n/a	n/a	–
S3	51/200	25.5 (19.5–31.5)	< 0.003	17/51	33.3 (20.4–46.3)	0.092
S4	51/200	25.5 (19.5–31.5)	0.002	24/50	48.0 (34.1–61.8)	< 0.001
<i>Beirut suburbs</i>						
S1	n/a	n/a	–	n/a	n/a	–
S2	n/a	n/a	–	n/a	n/a	–
S3	56/200	28.0 (21.8–34.2)	< 0.001	20/56	35.7 (23.2–48.3)	0.169
S4	49/200	24.5 (18.5–30.5)	0.006	35/48	72.9 (60.3–85.5)	0.372
<i>Total</i>						
S1	n/a	n/a	–	n/a	n/a	–
S2	n/a	n/a	–	n/a	n/a	–
S3	107/400	26.8 (22.4–31.1)	< 0.001	37/107	34.6 (25.6–43.6)	0.009
S4	100/400	25.0 (20.8–29.2)	< 0.001	59/98	60.2 (50.5–69.9)	0.032
<b>All areas</b>						
S1	136/1200	11.3 (9.5–13.1)	–	n/a	n/a	–
S2	177/1200	14.8 (12.7–16.8)	–	97/174	55.7 (47.6–62.4)	–
S3	218/1200	18.2 (16.0–20.3)	–	95/218	43.6 (37.0–50.2)	–
S4	213/1200	17.8 (15.6–19.9)	–	142/210	67.6 (61.3–73.9)	–

<sup>a</sup>Percentage of women who had a mammography in the previous year, with corresponding 95% confidence interval.

<sup>b</sup>Obtained from a z-test or Fisher exact test comparing the prevalence in 1 group to the prevalence in all others combined, or the prevalence outside Beirut compared to the prevalence in Greater Beirut.

S1 = September 2003 survey; S2 = January 2004 survey; S3 = January 2005 survey; S4 = January 2006 survey. n/N = no. of women /total no. of women sampled; n/a = no samples taken.