

BreastScreen Aotearoa Monitoring **Screening and Assessment Data Report**

Māori, Pacific and all women aged 45 to 49
and 50 to 69 years screened during July 2013 to
June 2015

A report prepared for the National Screening Unit, Ministry of Health by
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NATIONAL PROFILES AND TRENDS BY ETHNICITY

The indicators in the summary charts in this section and in the Lead Provider Profiles section are all for a 2-year period unless stated as covering a 5-year period (5yr).

National profiles

Figure 1: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, all BreastScreen Aotearoa

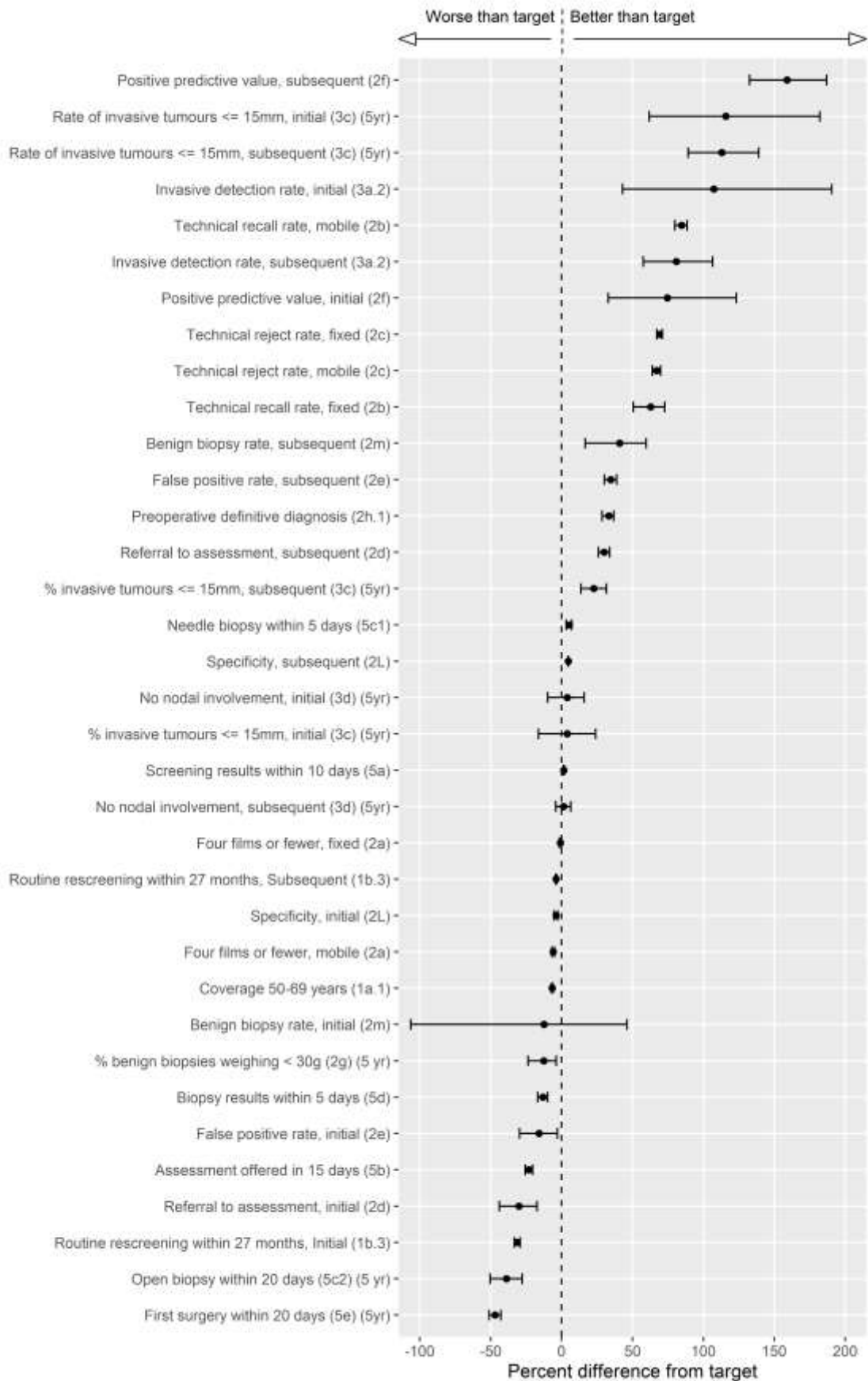


Figure 2: Indicators above and below target for Pacific women aged 50 to 69 years, screened during July 2013 to June 2015, all BreastScreen Aotearoa

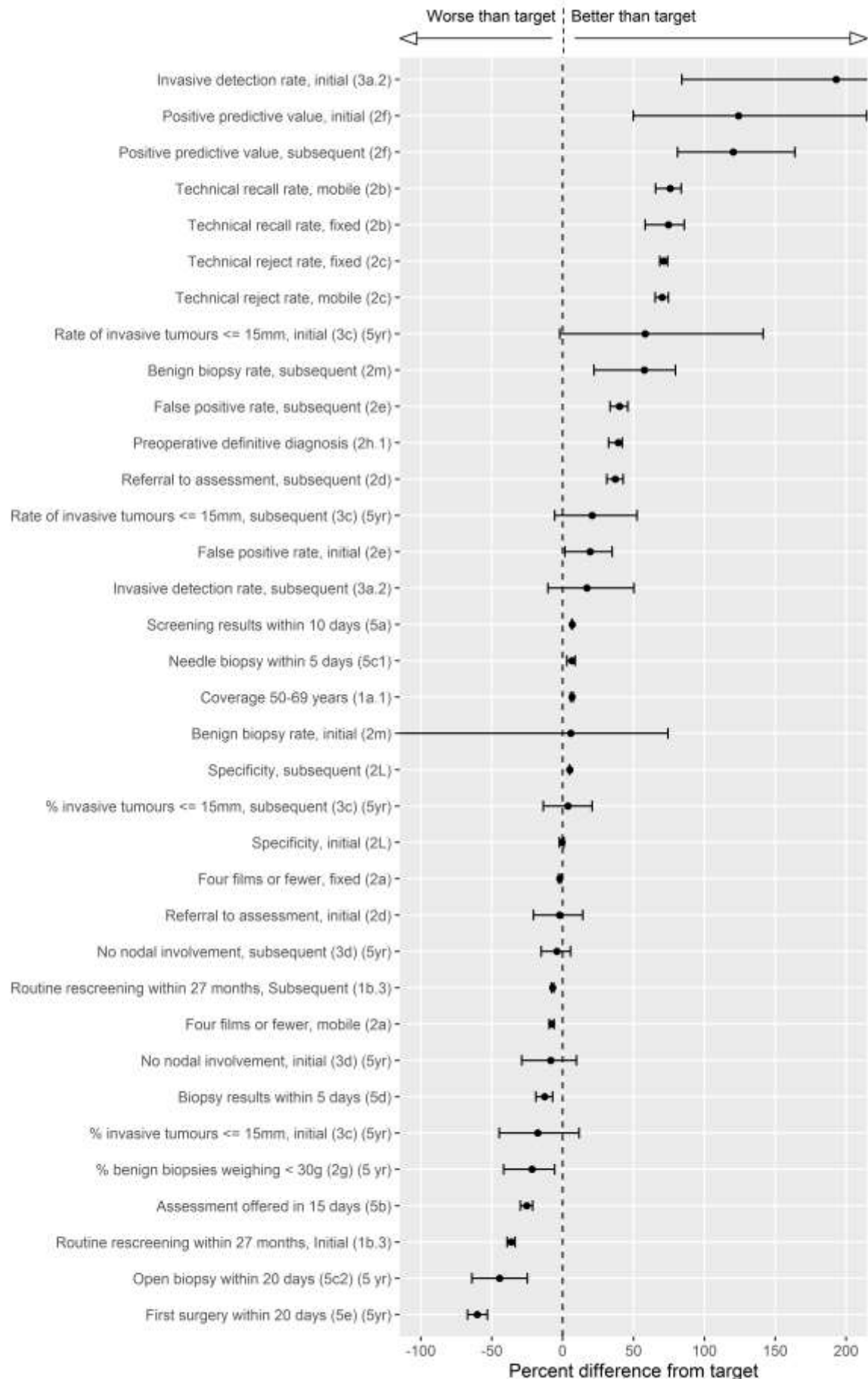
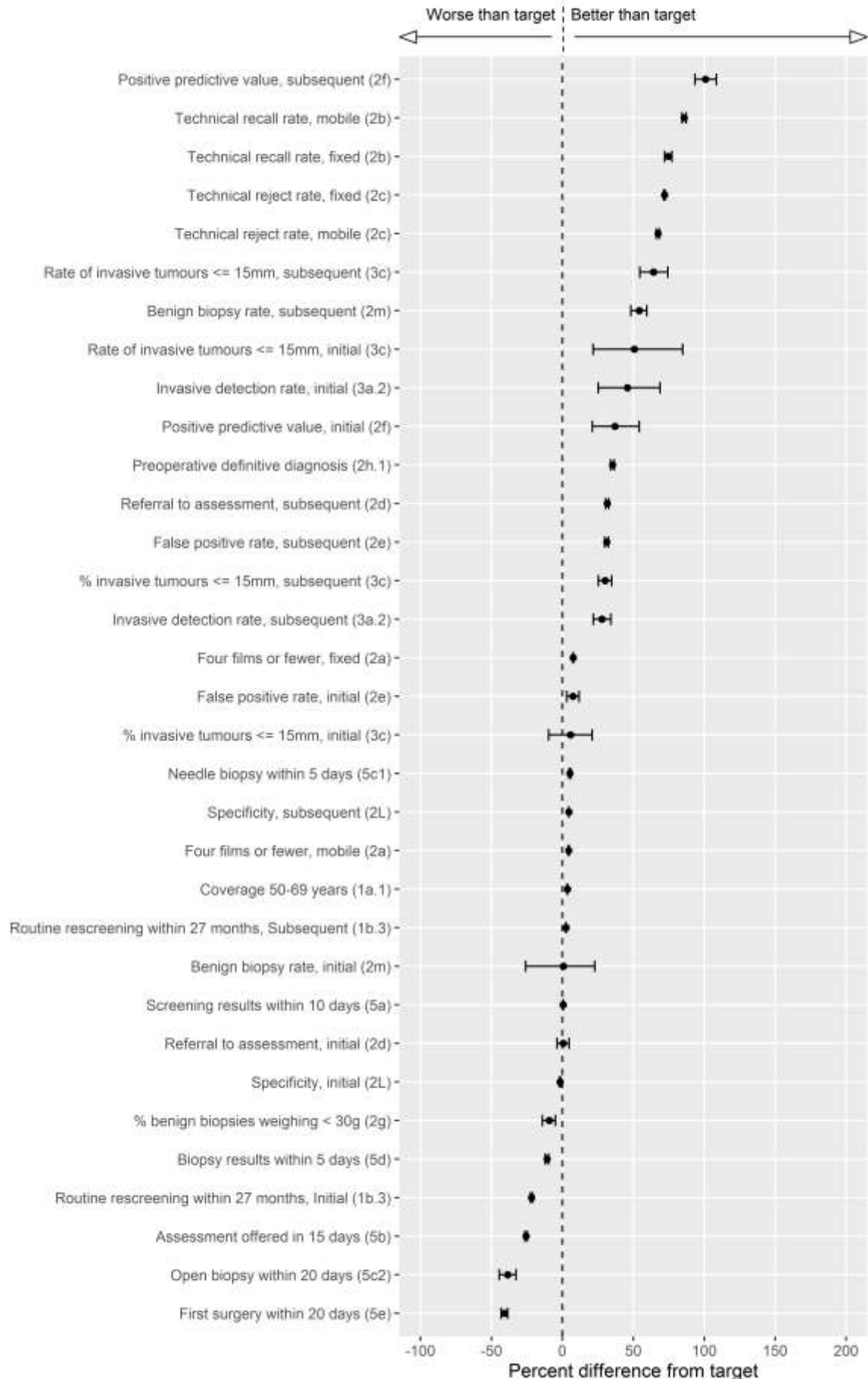


Figure 3: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, all BreastScreen Aotearoa



National time trends

Figure 4: National trends in biennial screening coverage for Māori, Pacific, and non-Māori non-Pacific women aged 45–49 years and 50–69 years, July 2008 to June 2015, all BSA

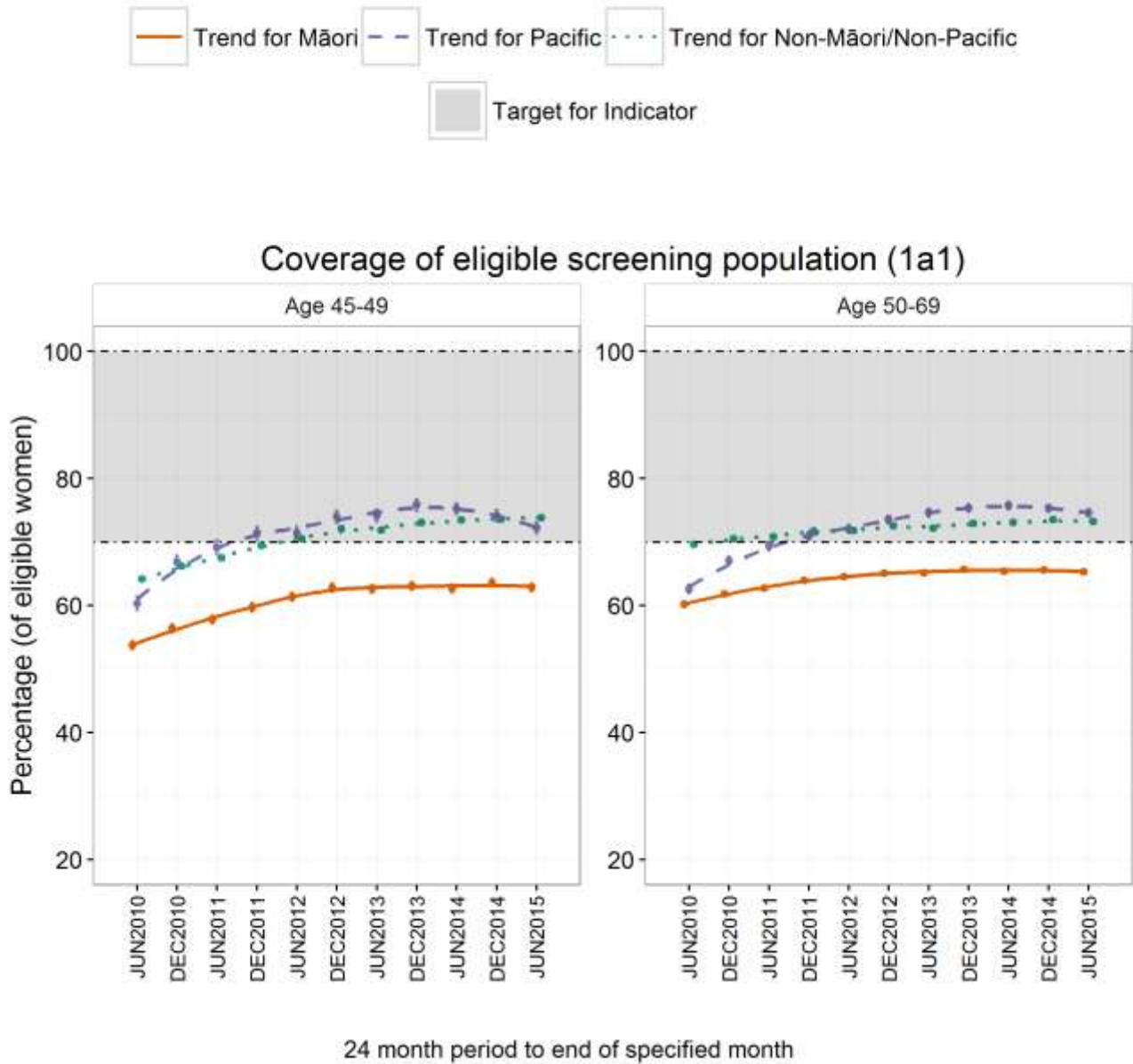


Figure 5: National trends in proportion of Māori, Pacific, non-Māori-non-Pacific women aged 50–69 years women who were rescreened within 27 months of an initial or subsequent screen, all BSA, previously screened during Dec 2008 to June 2013

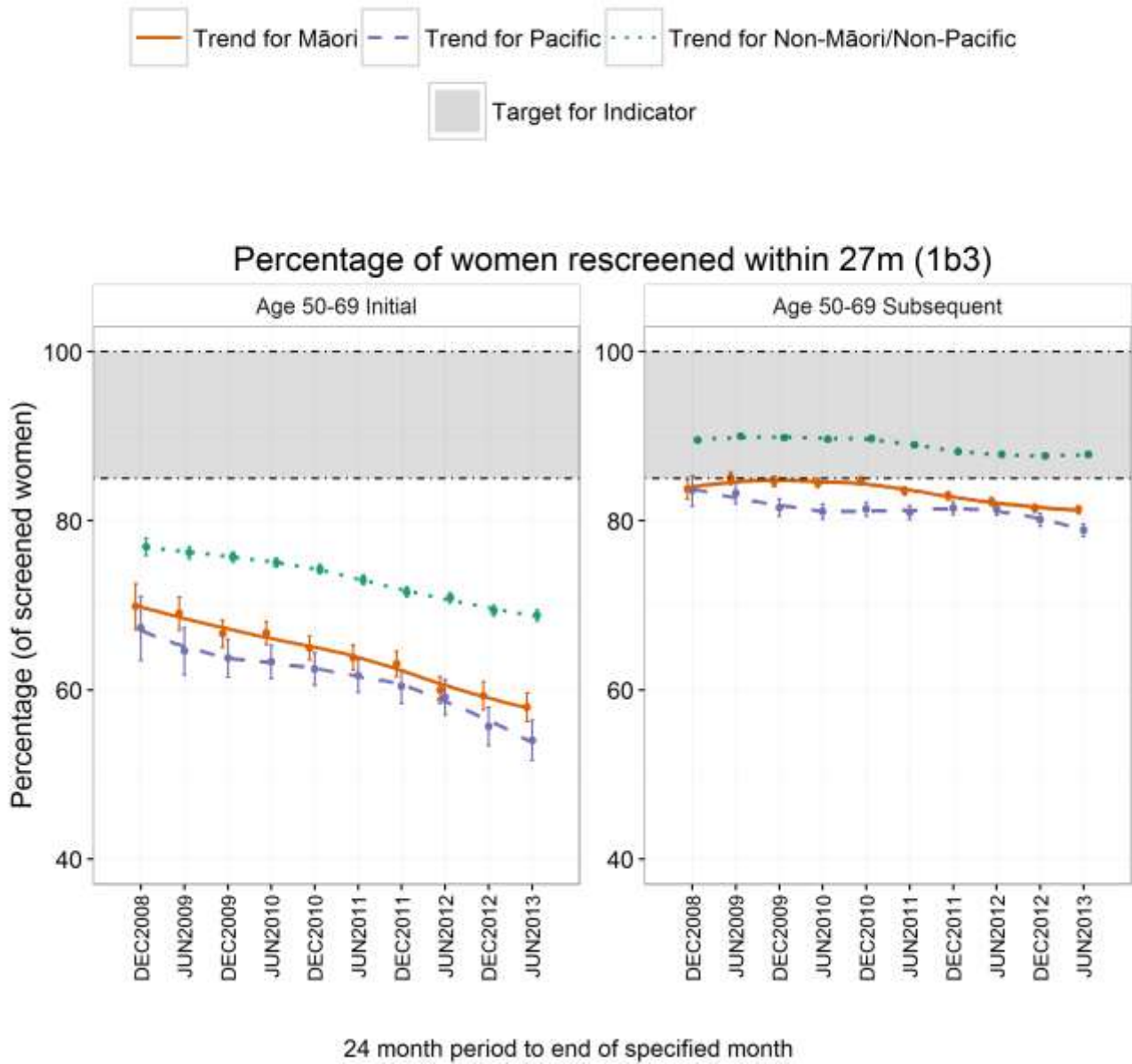


Figure 6: National trends in the percentage of Māori, Pacific, and non-Māori non-Pacific women aged 50–69 years screened in a fixed or mobile unit having technical recall, all BSA, July 2008 to June 2015



Technical recall percentage for screened women (2b)

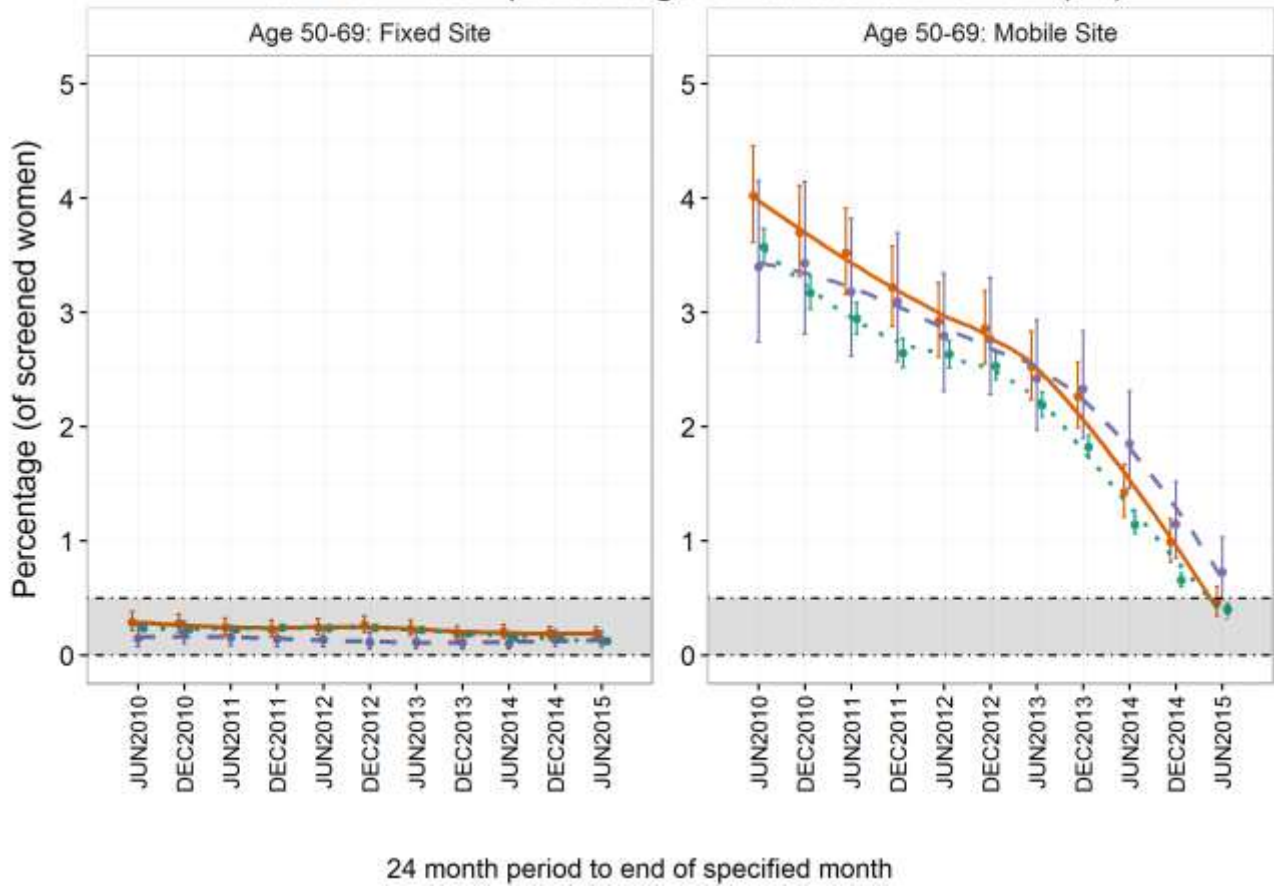


Figure 7: National trends for Māori, Pacific, and non-Māori non-Pacific women in percentage referred for assessment from an initial or subsequent screen, all BSA, July 2008 to June 2015



Referral to assessment for screened women (2d)

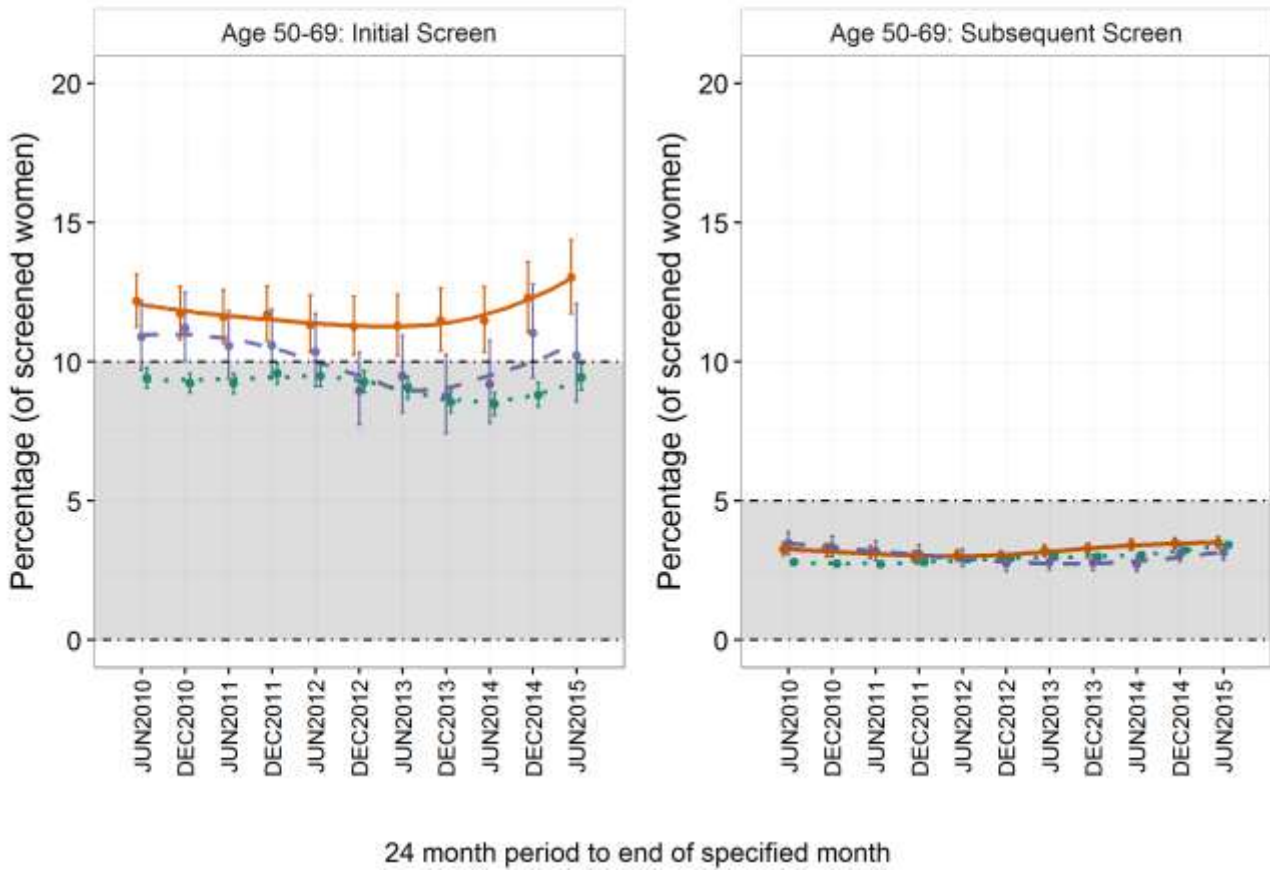


Figure 8: National trends in the proportion of Māori, Pacific, and non-Māori non-Pacific women aged 50–69 years with false positive results from an initial or subsequent screen, all BSA, July 2008 to June 2015

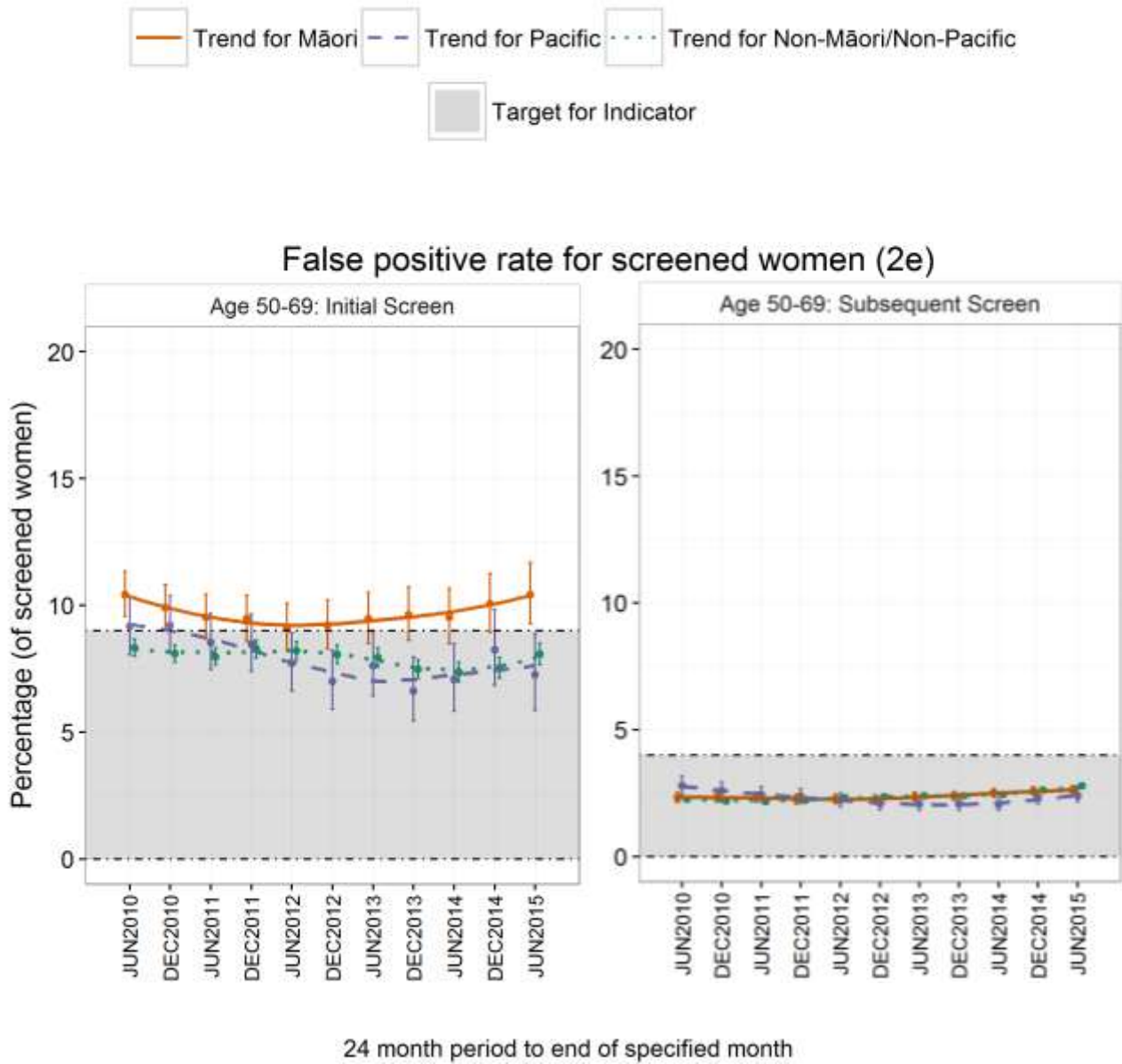


Figure 9: National trends in the positive predictive value (cancers as a percentage of referrals to assessment) of initial and subsequent screens for Māori, Pacific and non-Māori non-Pacific women aged 50–69 years, all BSA, July 2008 to June 2015



Cancers as percentage of referrals to assessment (2f)

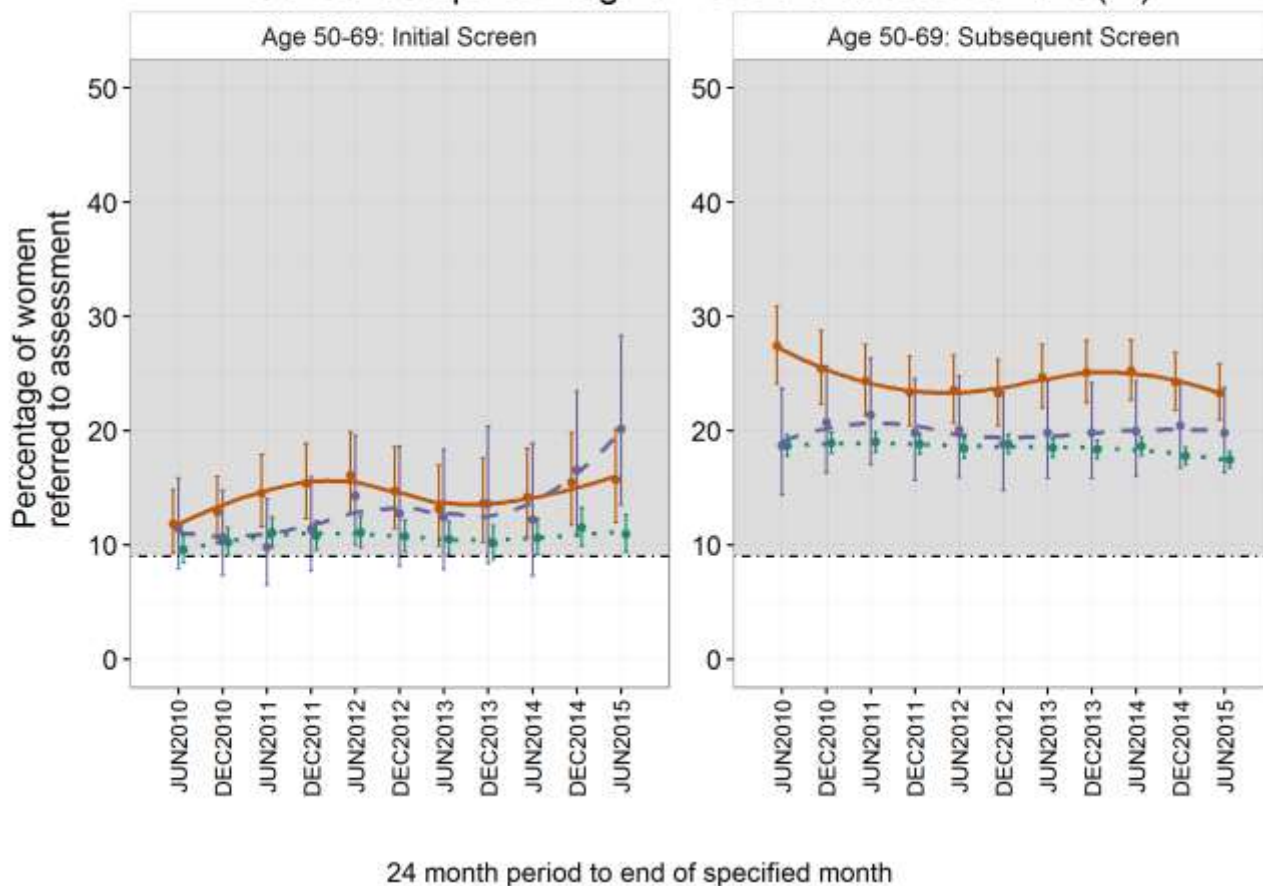


Figure 10: National trends in the proportion with a preoperative diagnosis of cancer, for Māori, Pacific and non-Māori non-Pacific women aged 50–69 years, all BSA, June 2010 to June 2015



Percentage of women with cancer with a preoperative diagnosis (2h)

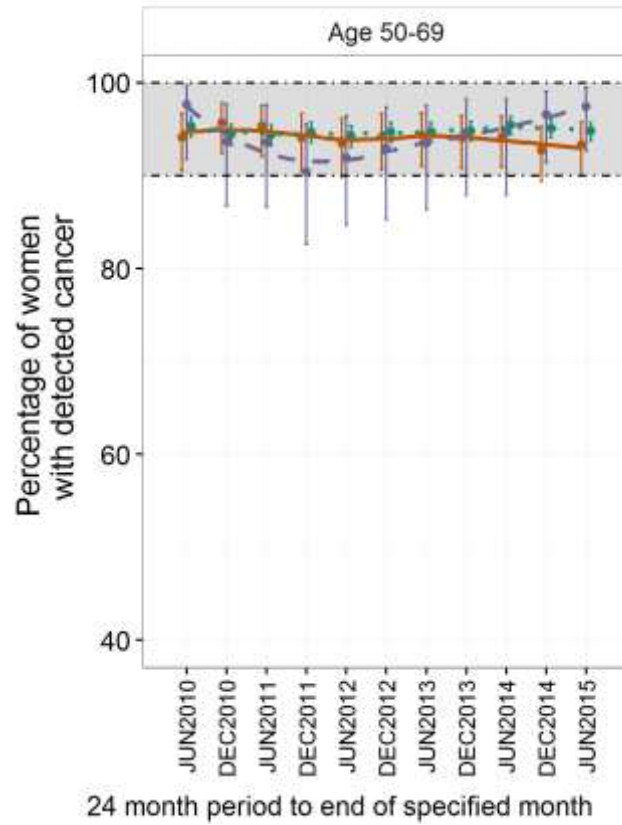


Figure 11: National trends in the detection rate of breast cancer (invasive and DCIS) per 1,000 subsequent screens for Māori, Pacific and non-Māori non-Pacific women aged 50–69 years, all BSA, June 2010 to June 2015

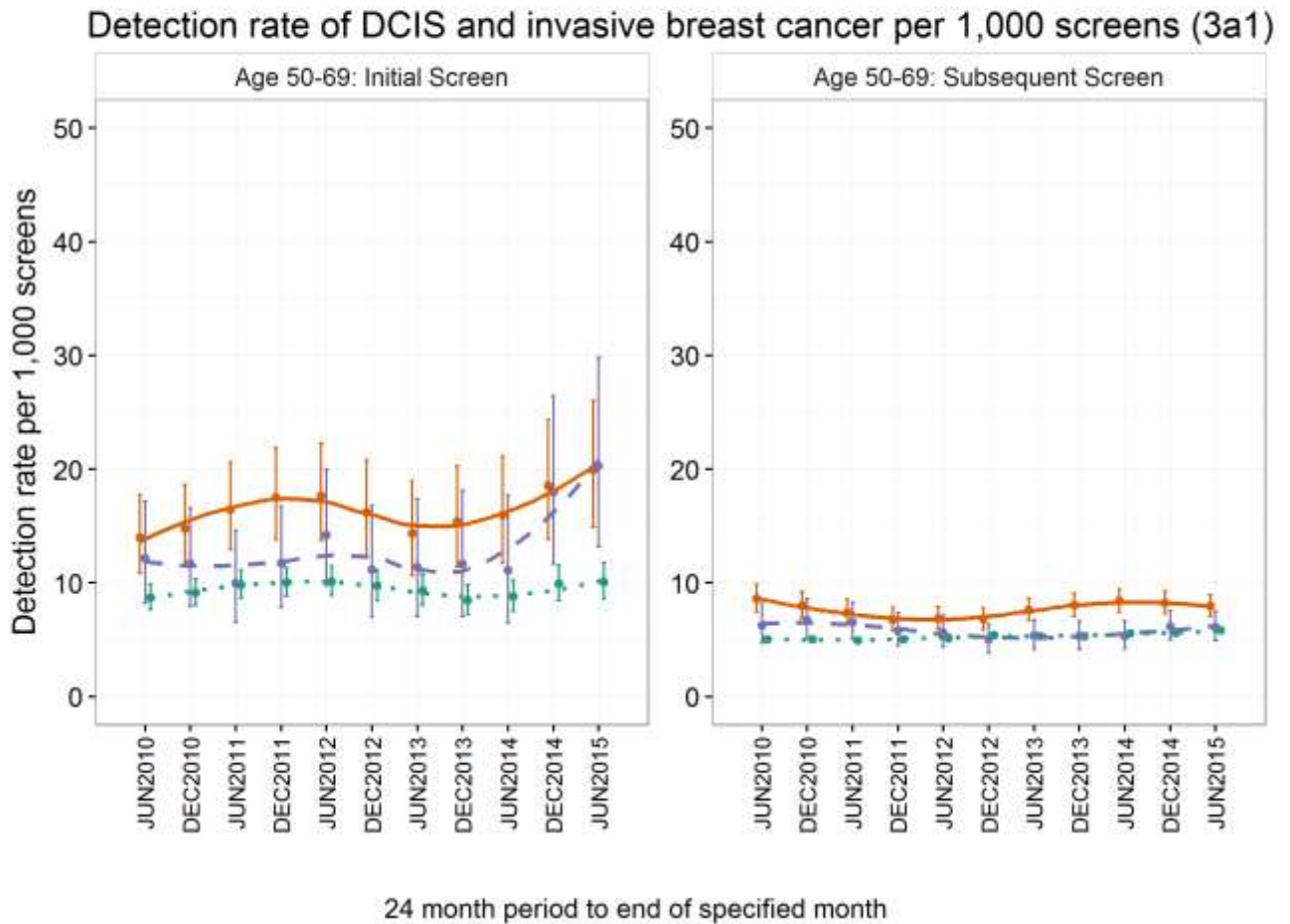


Figure 12: National trends in the percentage of Māori, Pacific, non-Māori non-Pacific women aged 50–69 years notified of screening results within 10 working days, all BSA, July 2008 to June 2015

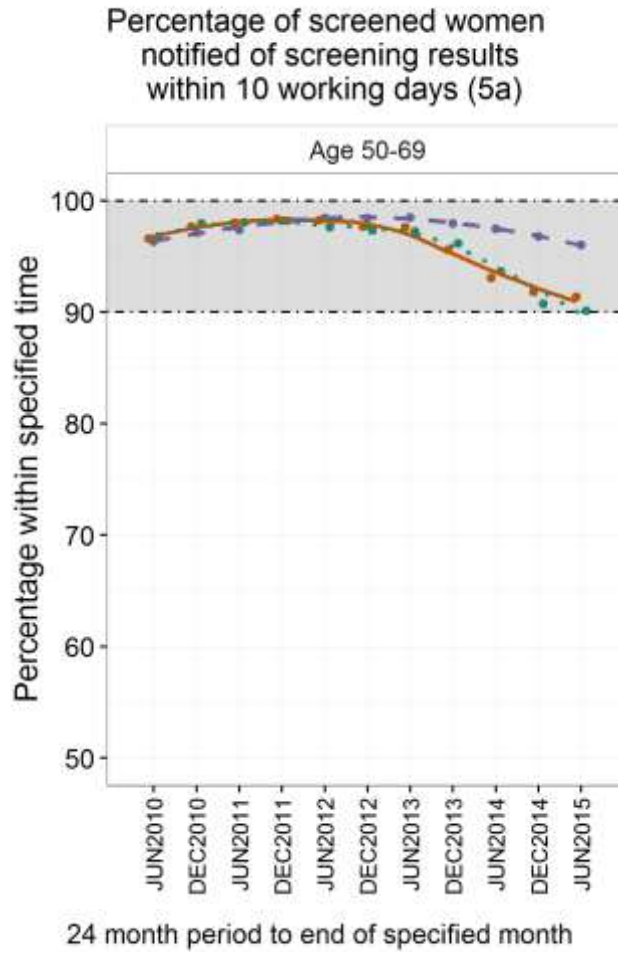


Figure 13: Trends in the percentage of Māori, Pacific and non-Māori non-Pacific women aged 50–69 years offered first assessment appointment within 15 working days, all BSA, July 2008 to June 2015

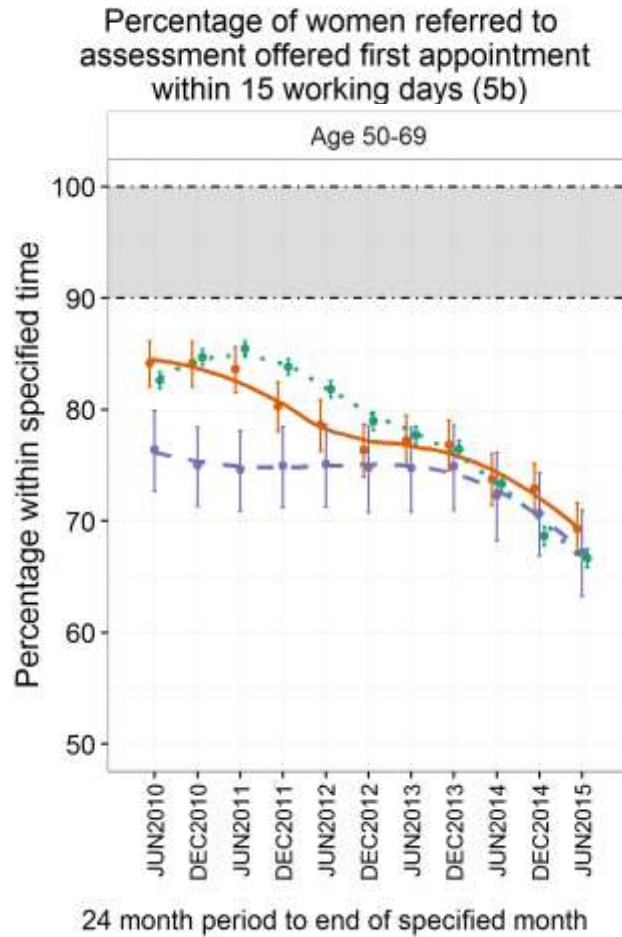


Figure 14: National trends in the percentage of Māori, Pacific, non-Māori non-Pacific women aged 50–69 years receiving their needle biopsy within 5 working days of assessment, all BSA, July 2008 to June 2015

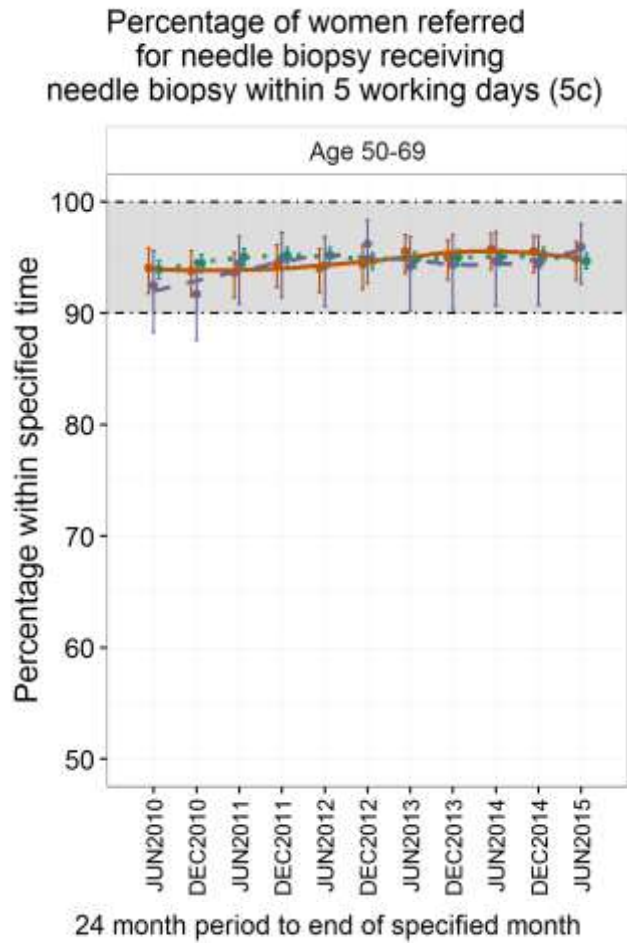
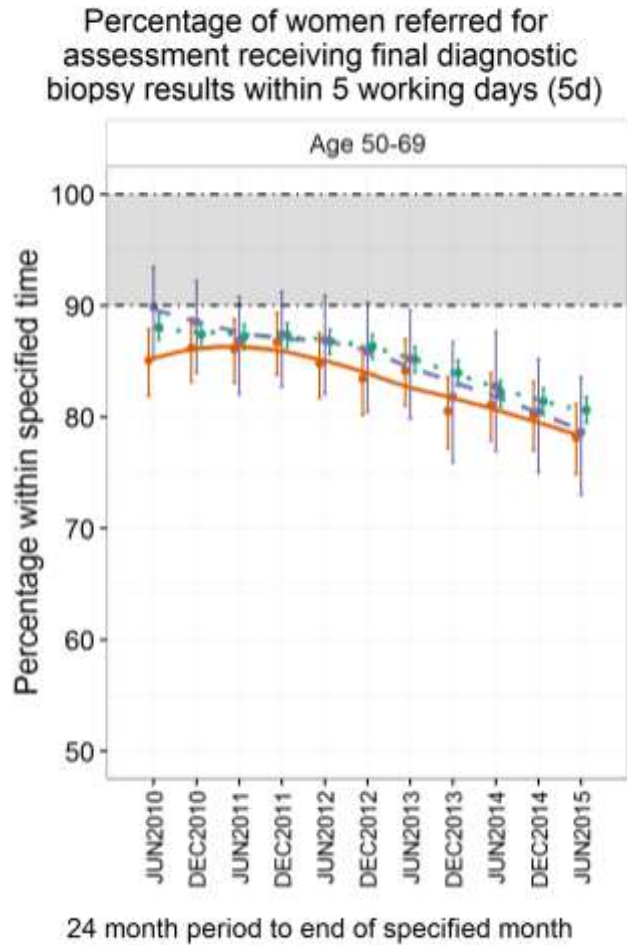


Figure 15: Trends in the percentage of Māori, Pacific and non-Māori non-Pacific women aged 50–69 years receiving final diagnostic biopsy results within 5 working days, all BSA, July 2008 to June 2015



LEAD PROVIDER PROFILES (MĀORI AND TOTAL)

Figure 16: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Waitemata and Northland

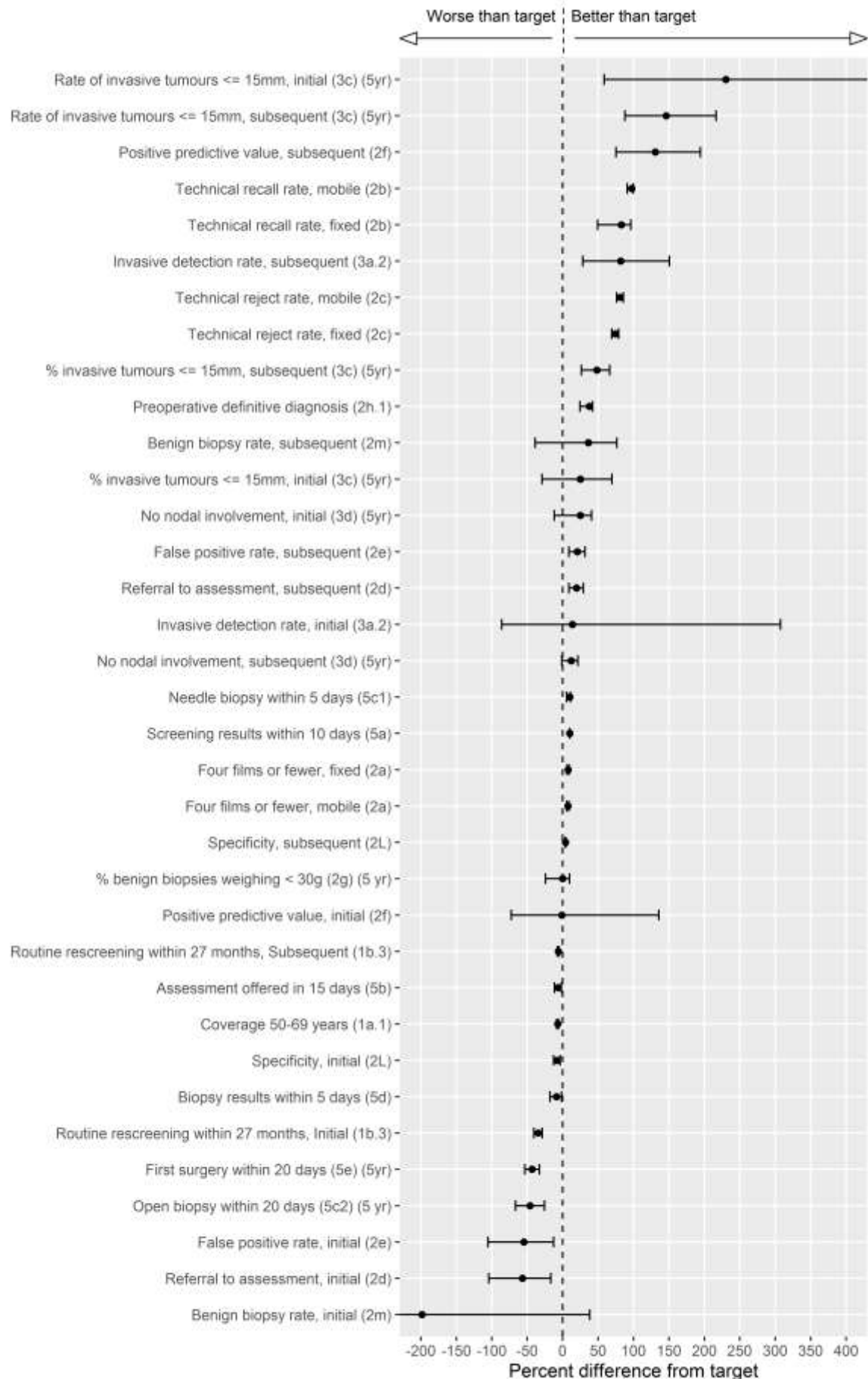


Figure 17: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Waitemata and Northland

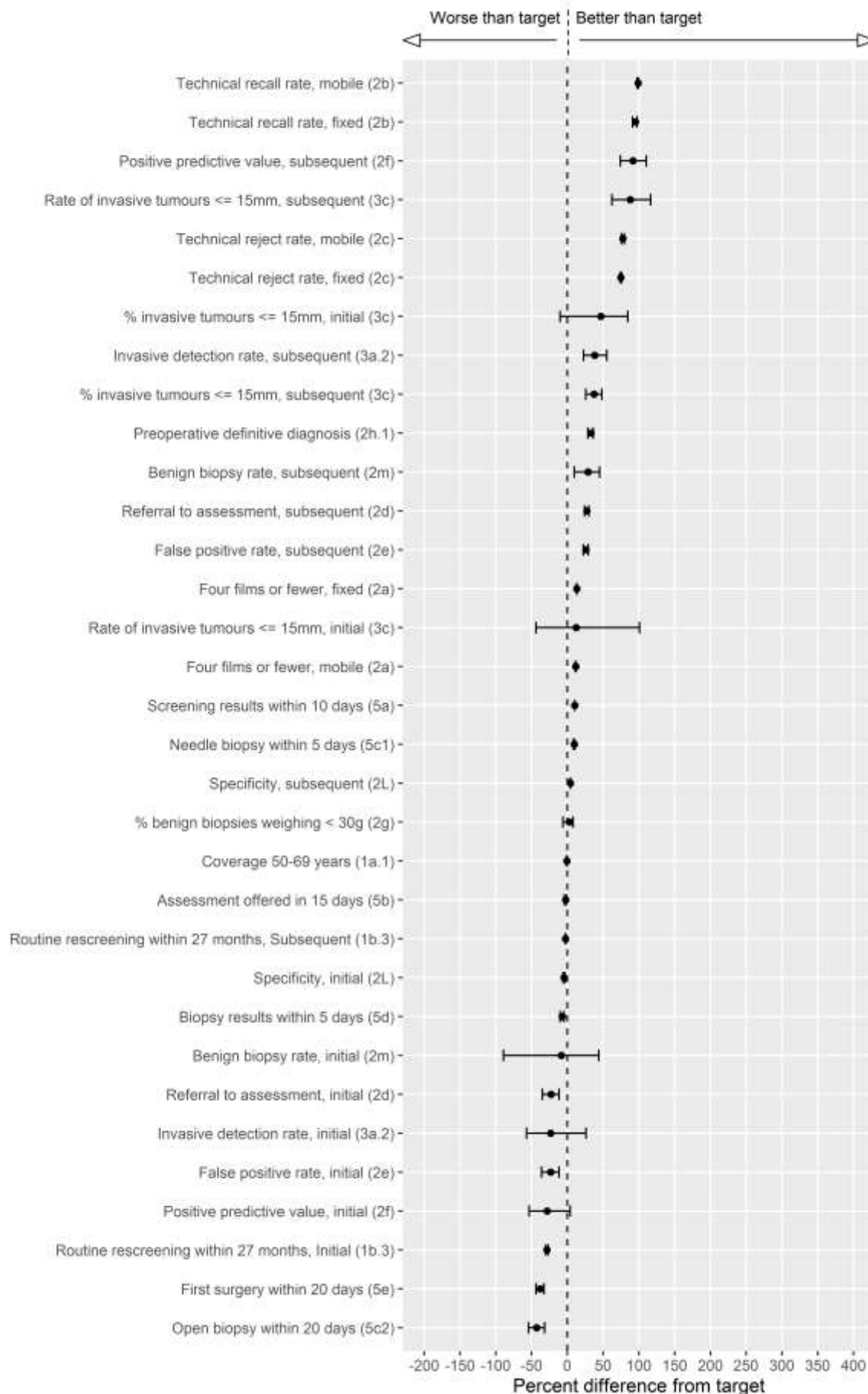


Figure 18: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Counties Manukau

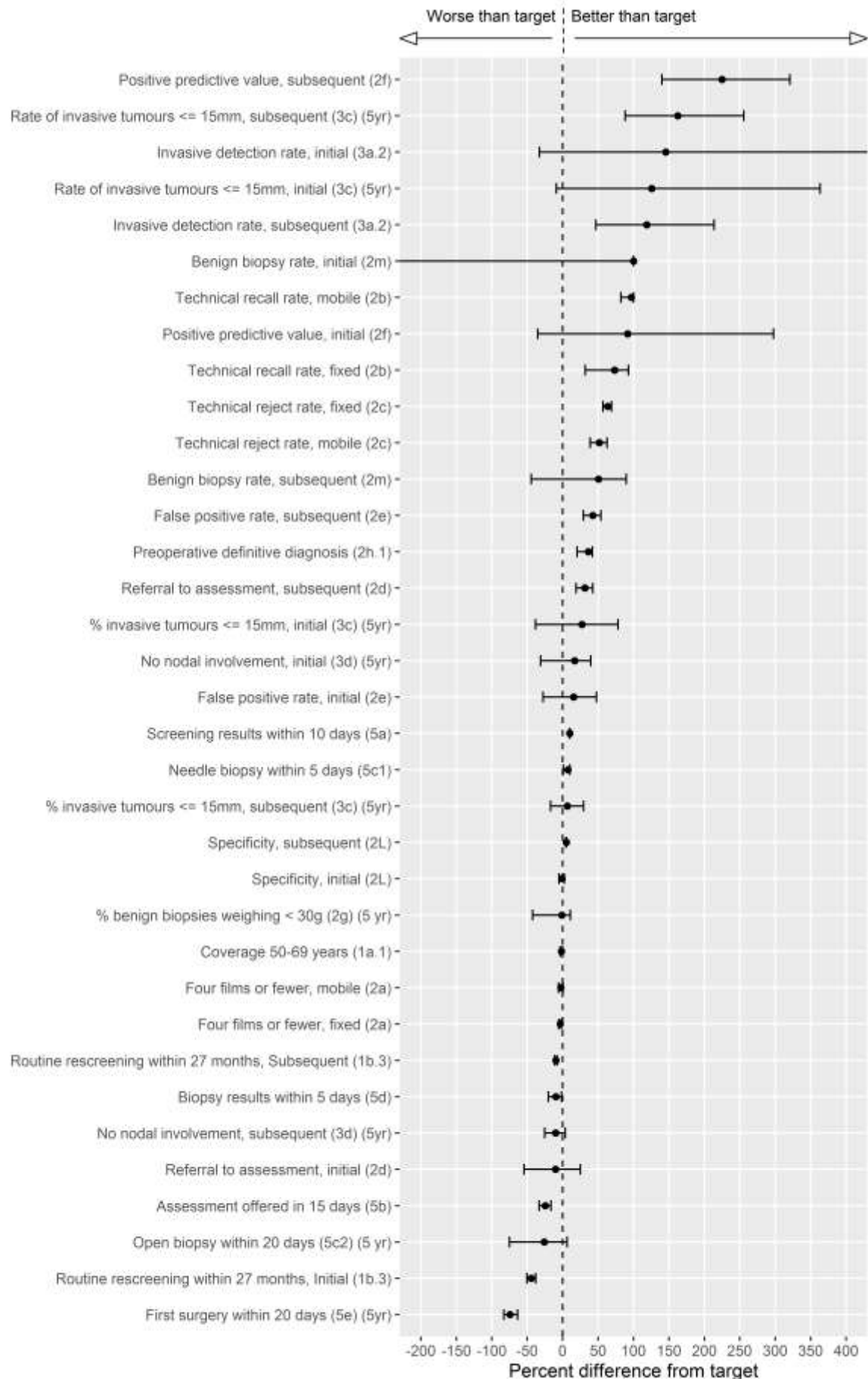


Figure 19: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Counties Manukau



Figure 20: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Auckland Limited

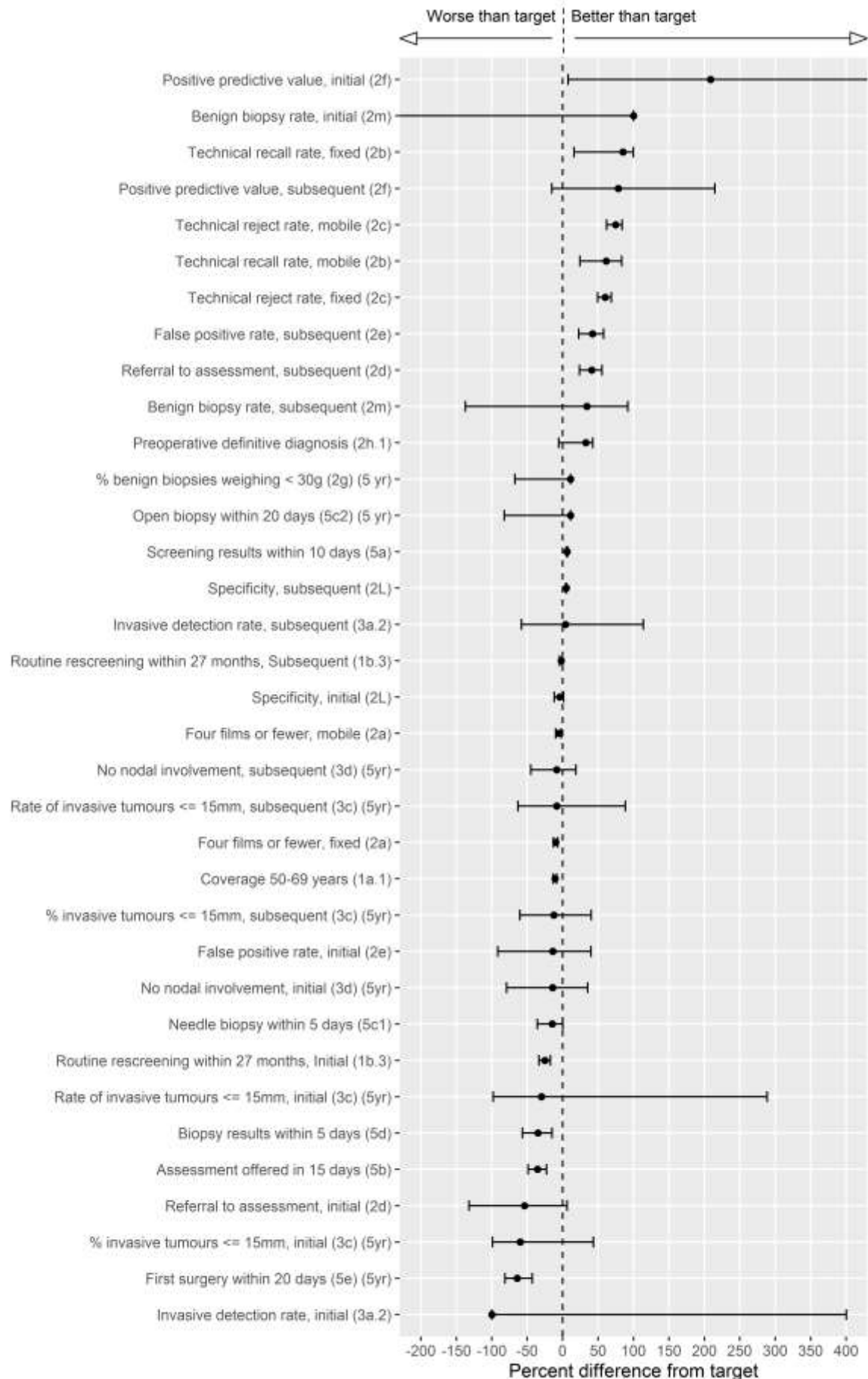


Figure 21: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Auckland Limited

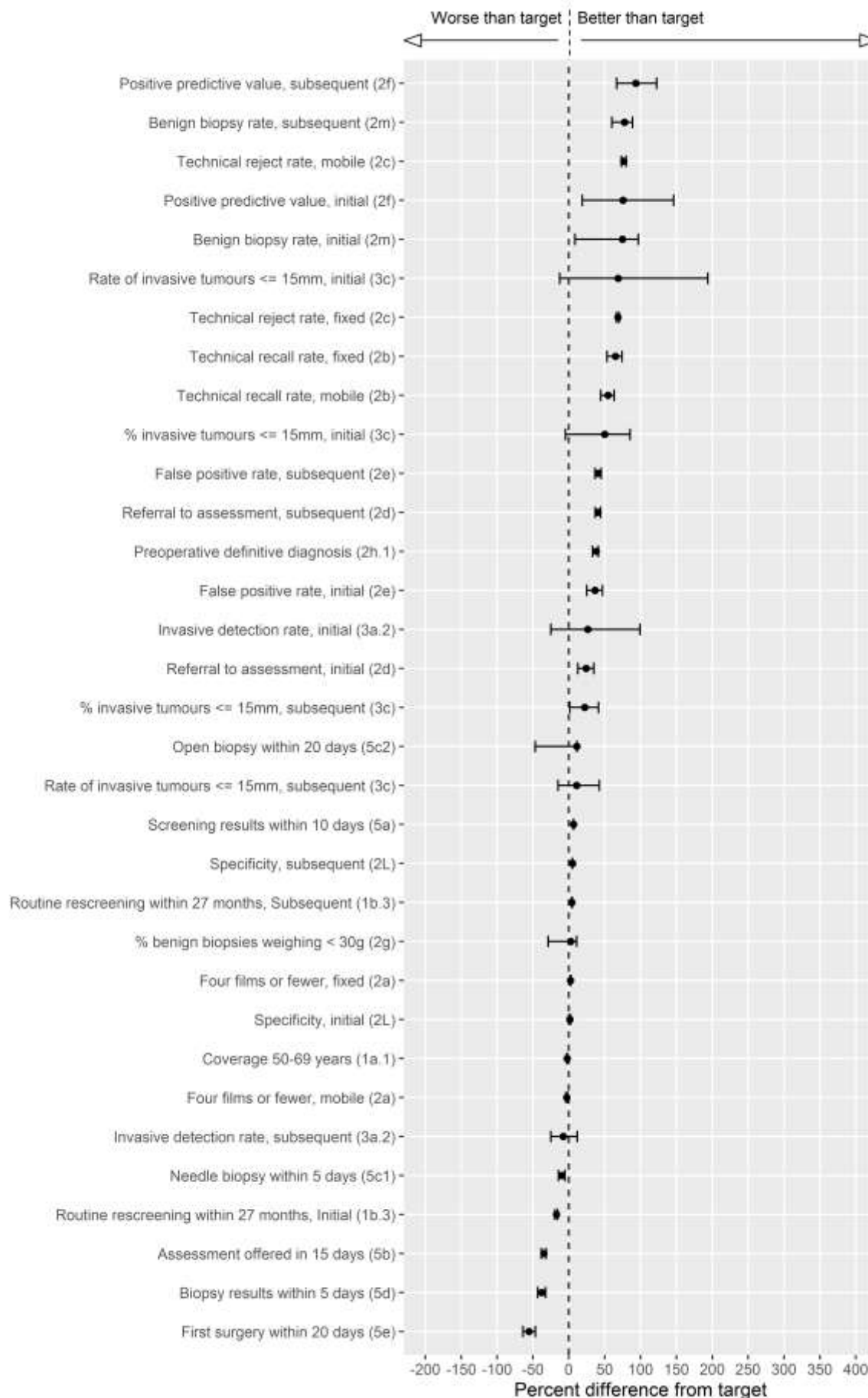


Figure 22: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Midlands



Figure 23: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Midlands



Figure 24: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Coast to Coast

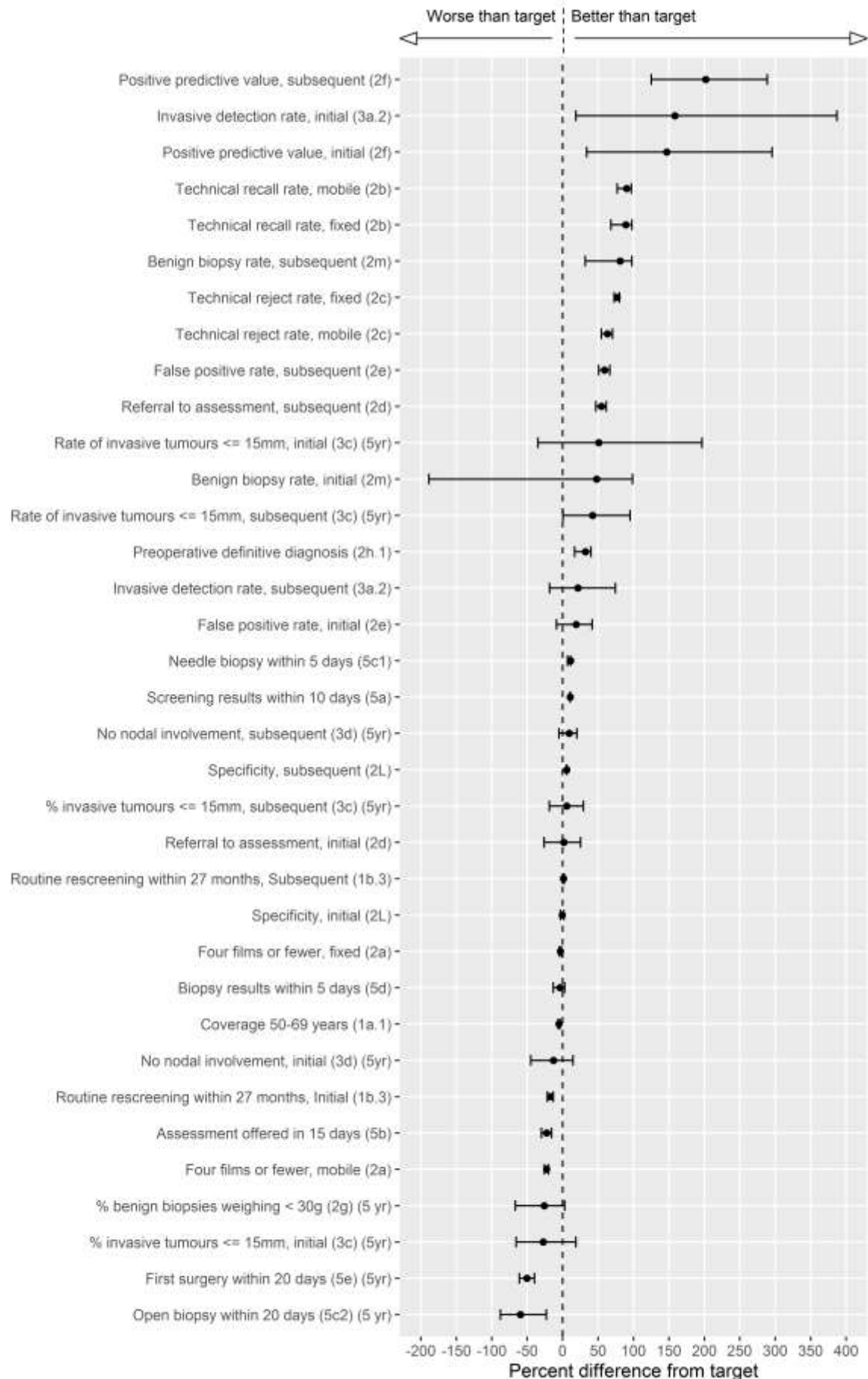


Figure 25: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Coast to Coast



Figure 26: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Central

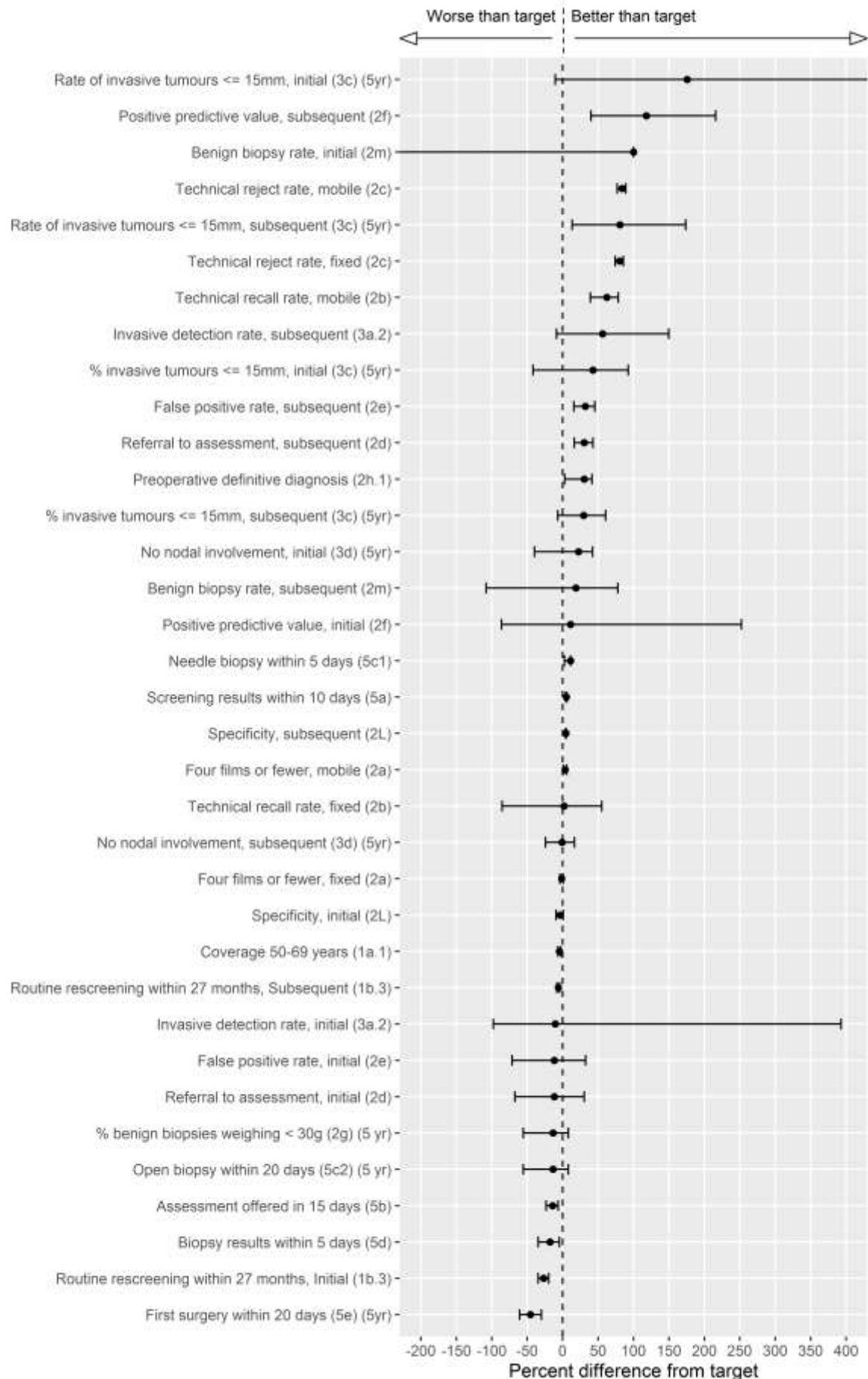


Figure 27: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Central

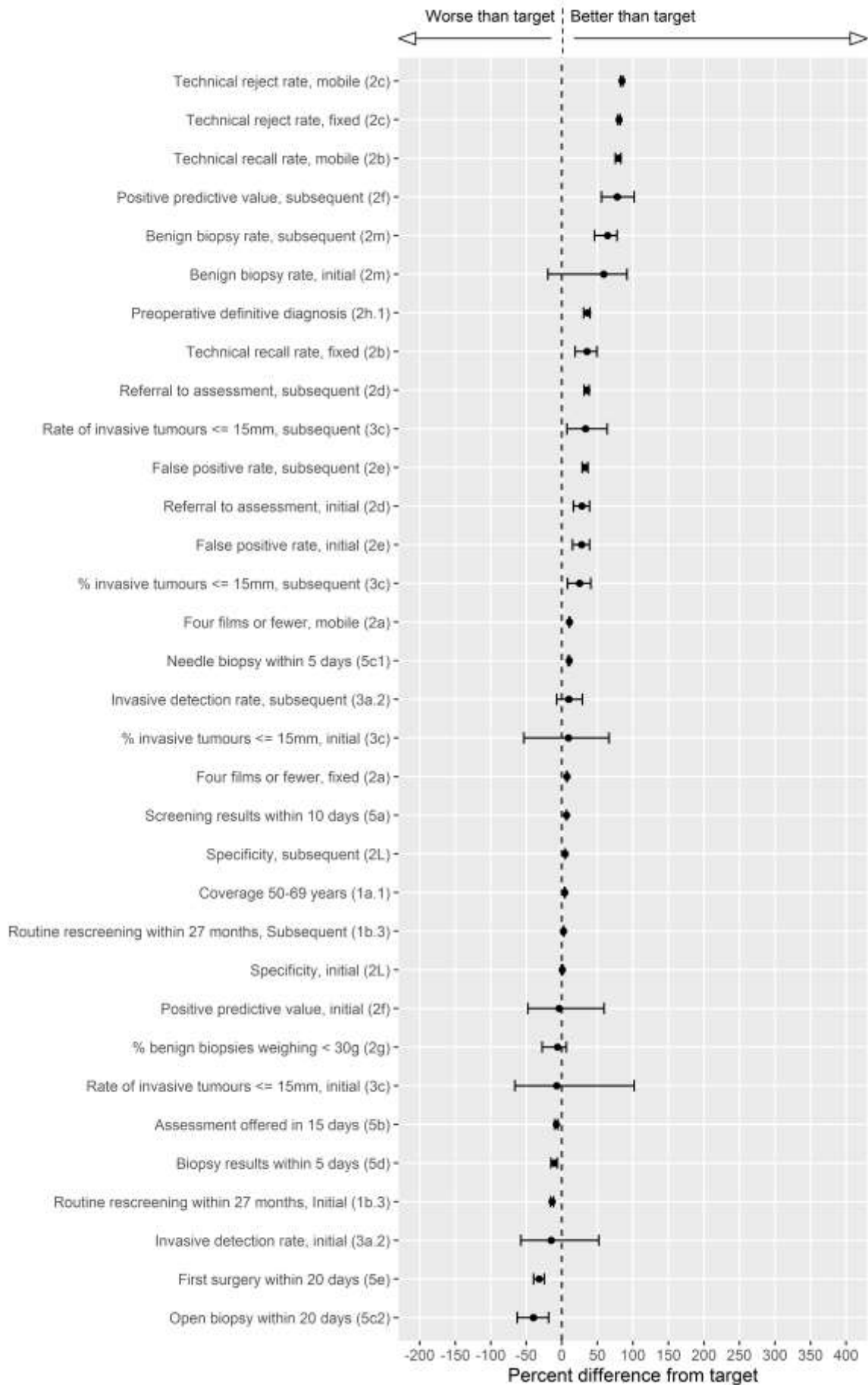


Figure 28: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen South Limited

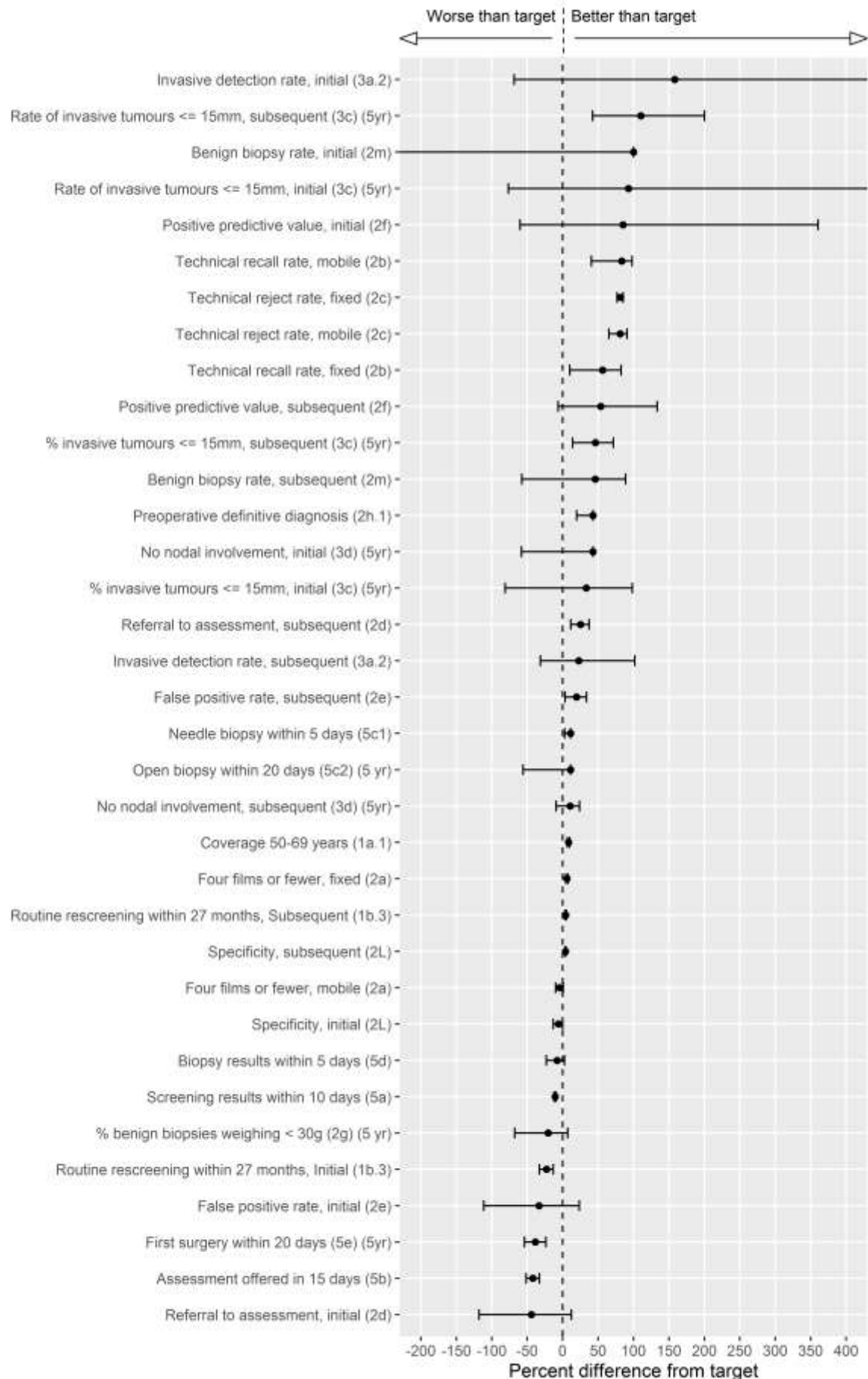


Figure 29: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen South Limited

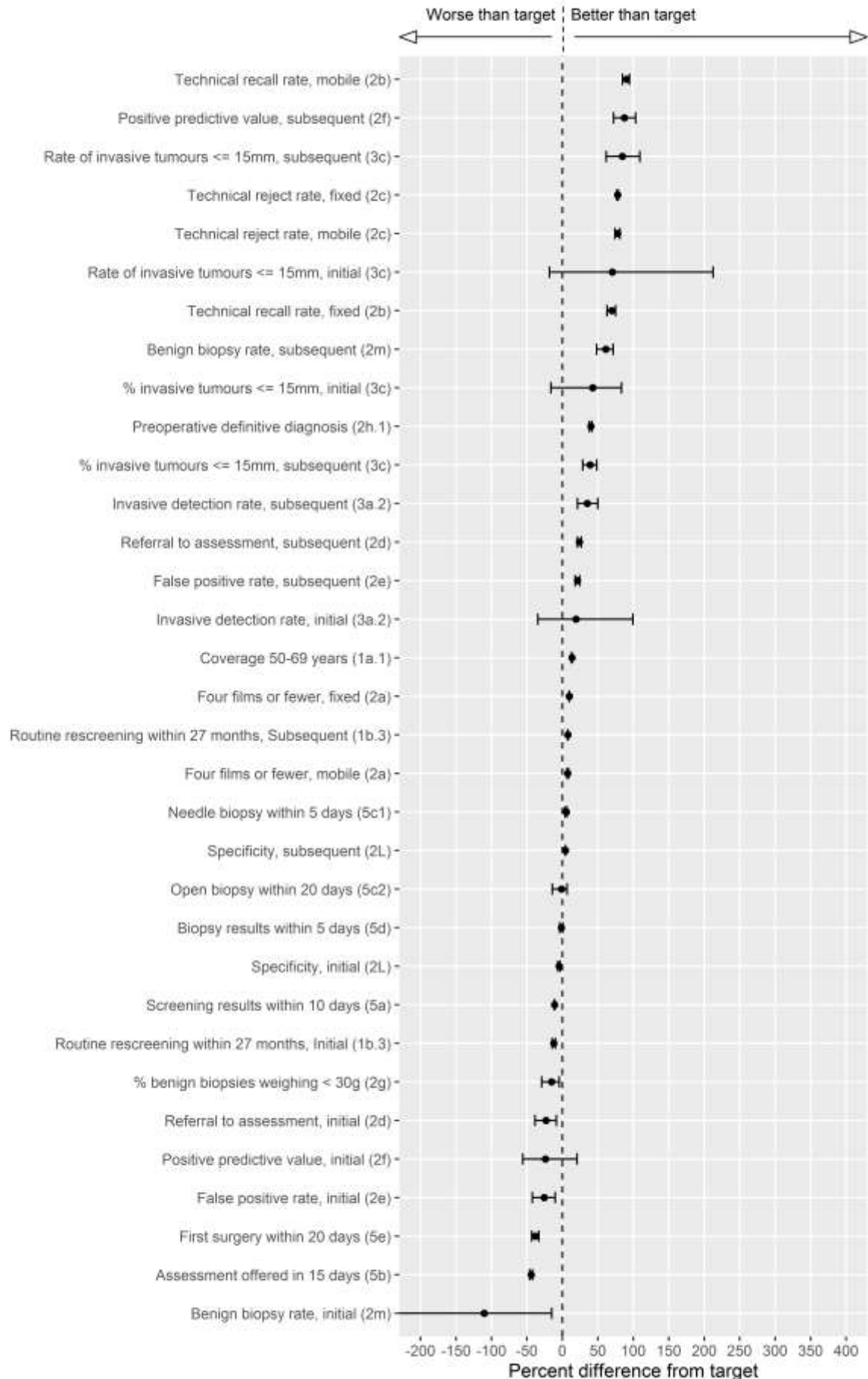


Figure 30: Indicators above and below target for Māori women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Health Care/BreastScreen Otago Southland

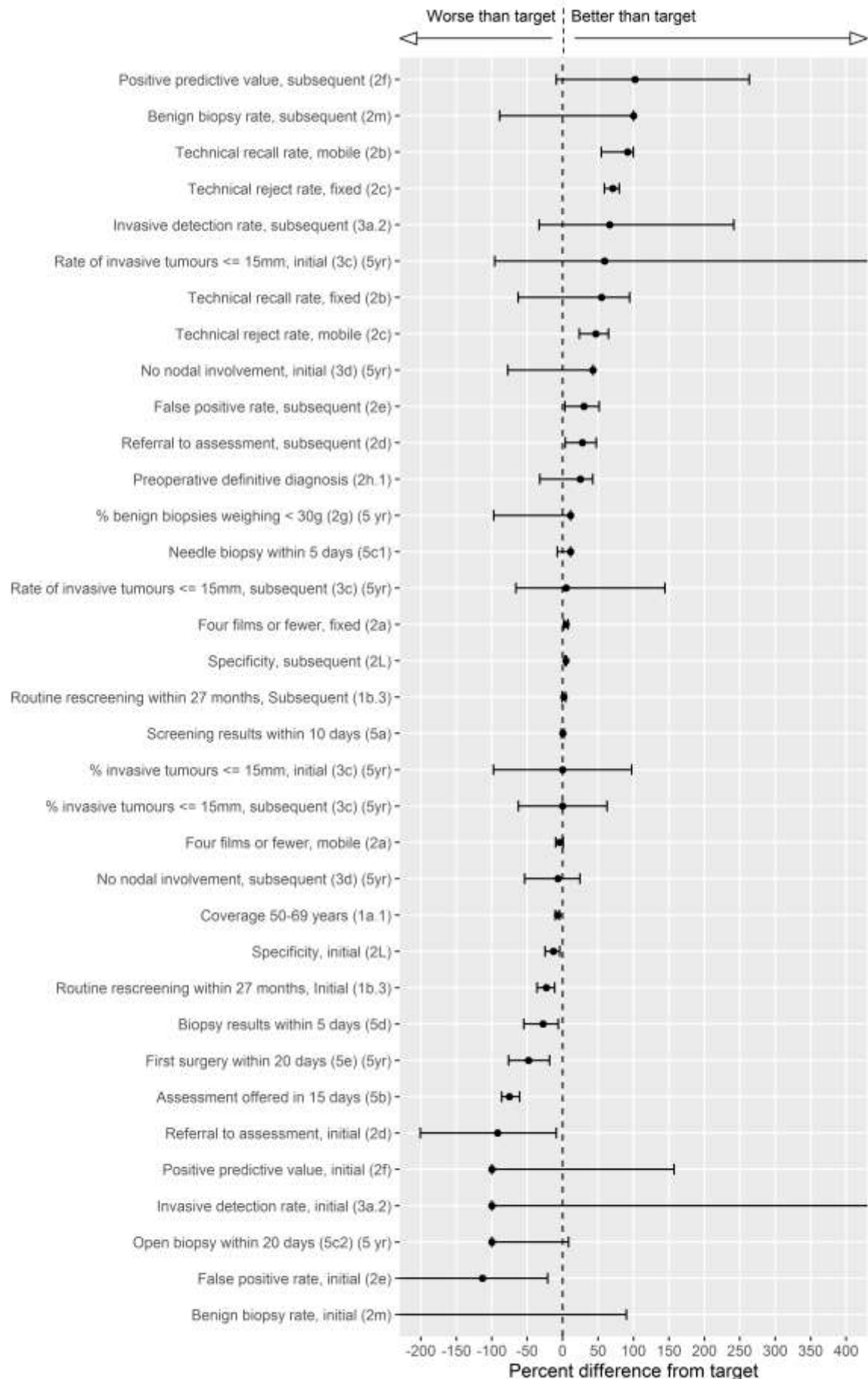
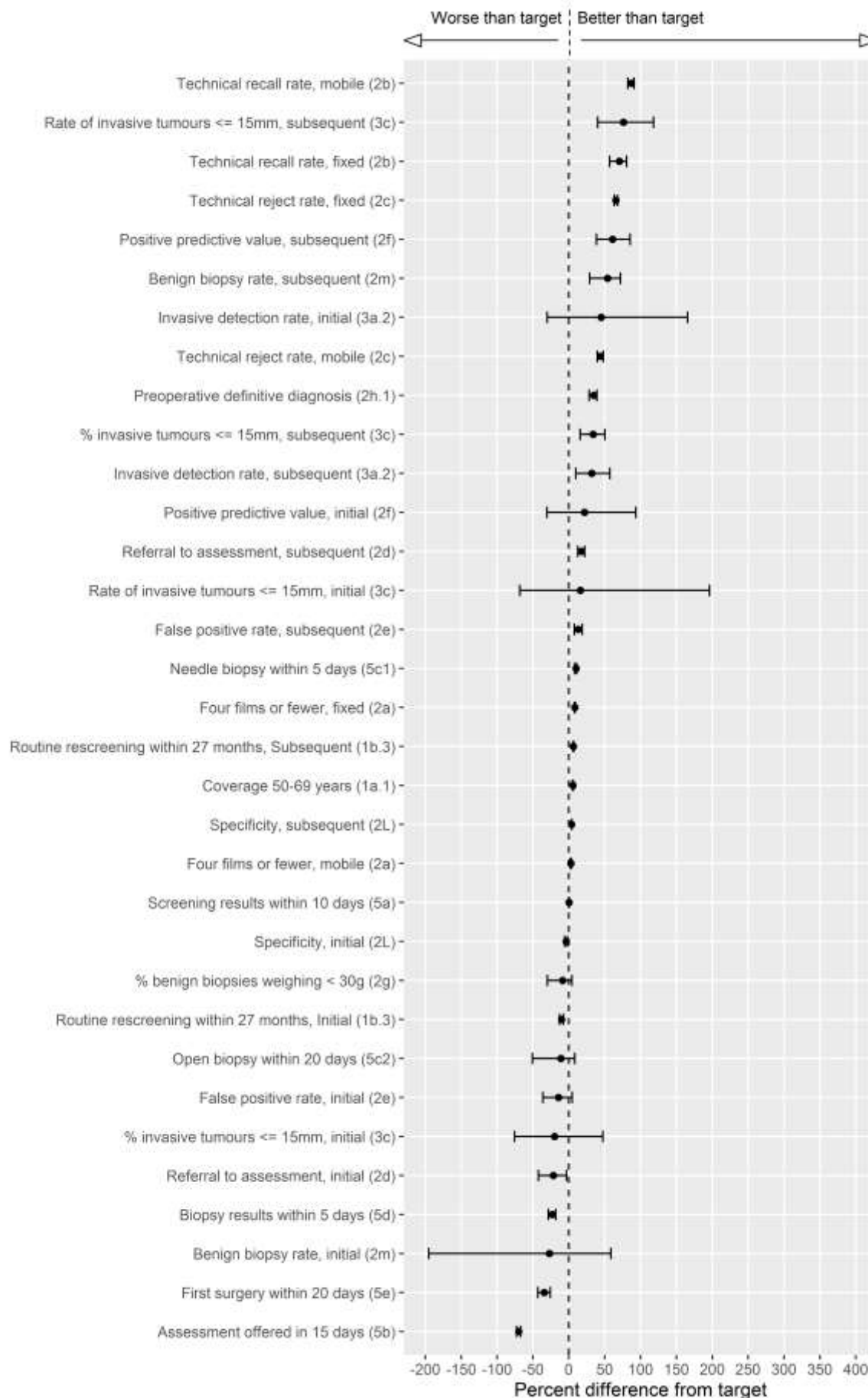


Figure 31: Indicators above and below target for total women aged 50 to 69 years, screened during July 2013 to June 2015, BreastScreen Health Care/BreastScreen Otago Southland



SECTION 1: COVERAGE

1a.1 Overall coverage of eligible women

Description:

The number and percentage of women in the target age group (45–49 and 50–69 years) who have had a screening mammogram in the programme.

Target:

>70% of eligible women receive a screen within the most recent 24 month period

Table 1.a.1.1: Māori and non-Māori coverage of eligible women, 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Women screened	Eligible women	% screened (95% CI)	Women screened	Eligible women	% screened (95% CI)	
45–49 years							
BSWN	2,121	3,380	62.8 (61.1, 64.4)	16,824	24,210	69.5 (68.9, 70.1)	0.90 (0.88, 0.93)
BSCM	1,658	2,480	66.9 (65.0, 68.7)	11,800	15,700	75.2 (74.5, 75.8)	0.89 (0.86, 0.92)
BSAL	755	1,190	63.4 (60.6, 66.2)	10,978	15,360	71.5 (70.7, 72.2)	0.89 (0.85, 0.93)
BSM	2,989	5,220	57.3 (55.9, 58.6)	13,318	19,260	69.1 (68.5, 69.8)	0.83 (0.81, 0.85)
BSCtoC	2,334	3,940	59.2 (57.7, 60.8)	10,668	15,085	70.7 (70.0, 71.4)	0.84 (0.81, 0.86)
BSC	1,222	1,950	62.7 (60.5, 64.8)	10,852	15,915	68.2 (67.5, 68.9)	0.92 (0.89, 0.95)
BSSL	1,569	1,980	79.2 (77.4, 81.0)	22,146	25,515	86.8 (86.4, 87.2)	0.91 (0.89, 0.93)
BSOS	563	880	64.0 (60.7, 67.2)	7,294	9,840	74.1 (73.2, 75.0)	0.86 (0.82, 0.91)
Total	13,211	21,020	62.8 (62.2, 63.5)	103,880	140,885	73.7 (73.5, 74.0)	0.85 (0.84, 0.86)
50–69 years							
BSWN	6,154	9,460	65.1 (64.1, 66.0)	55,081	78,630	70.1 (69.7, 70.4)	0.93 (0.91, 0.94)
BSCM	4,052	5,890	68.8 (67.6, 70.0)	33,590	47,070	71.4 (71.0, 71.8)	0.96 (0.95, 0.98)
BSAL	2,017	3,230	62.4 (60.7, 64.1)	31,021	45,150	68.7 (68.3, 69.1)	0.91 (0.88, 0.93)
BSM	8,848	14,710	60.1 (59.4, 60.9)	51,084	72,450	70.5 (70.2, 70.8)	0.85 (0.84, 0.87)
BSCtoC	7,180	10,820	66.4 (65.5, 67.2)	45,116	59,720	75.5 (75.2, 75.9)	0.88 (0.87, 0.89)
BSC	3,256	4,880	66.7 (65.4, 68.0)	37,254	50,775	73.4 (73.0, 73.8)	0.91 (0.89, 0.93)
BSSL	3,602	4,750	75.8 (74.6, 77.0)	72,331	90,935	79.5 (79.3, 79.8)	0.95 (0.94, 0.97)
BSOS	1,291	1,990	64.9 (62.7, 67.0)	26,968	36,220	74.5 (74.0, 74.9)	0.87 (0.84, 0.90)
Total	36,400	55,730	65.3 (64.9, 65.7)	352,445	480,950	73.3 (73.2, 73.4)	0.89 (0.89, 0.90)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show confidence interval excludes target of >70%.

* Eligible population is based on the mid-year 2014 projected population

Figure 1.a.1.a Trends in biennial coverage by LP for Māori and non-Māori women aged 45–49 years July 2008 to June 2015

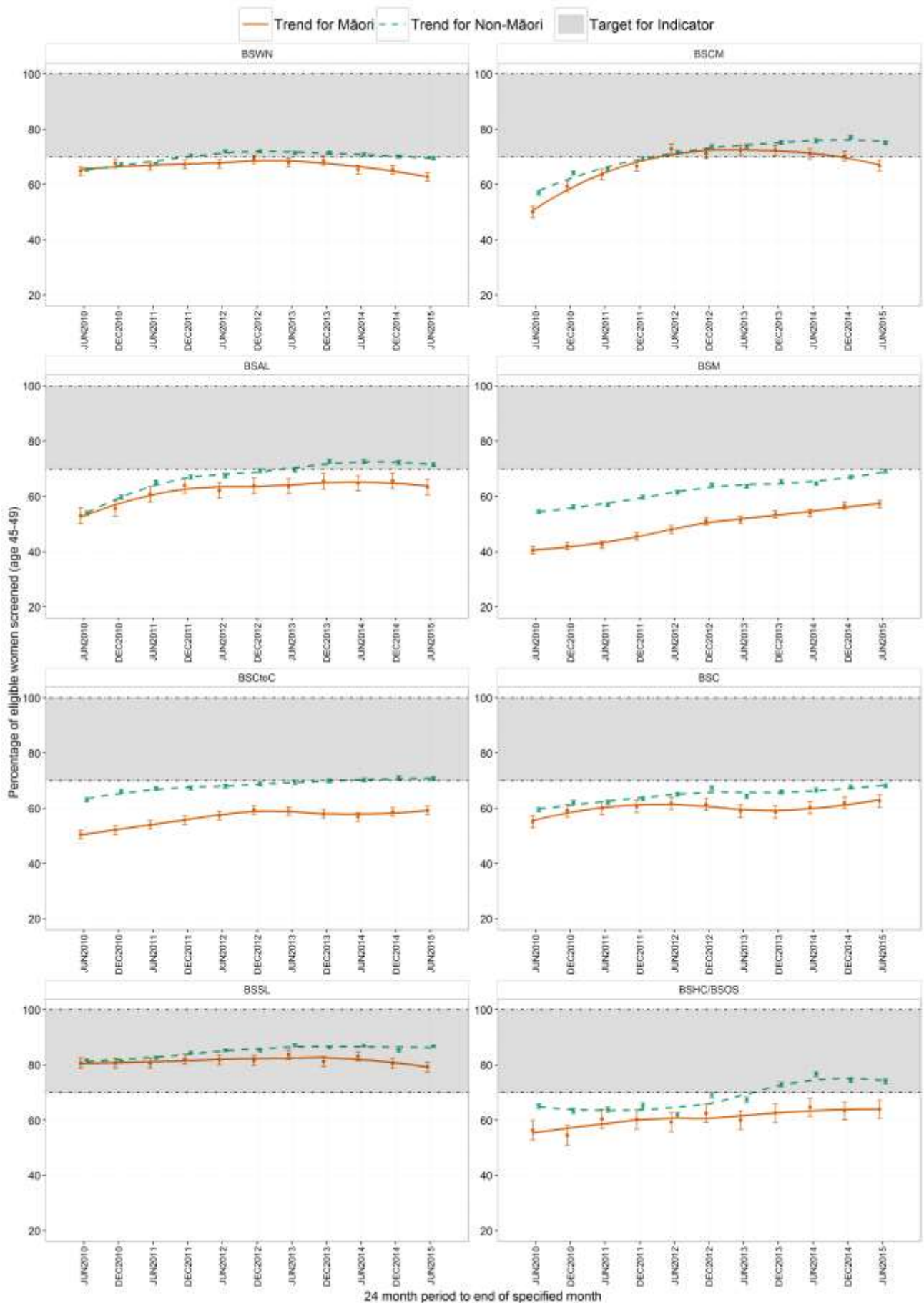


Figure 1.a.1.b: Trends in biennial coverage by LP for Māori and non-Māori women aged 50–69 years, July 2008 to June 2015

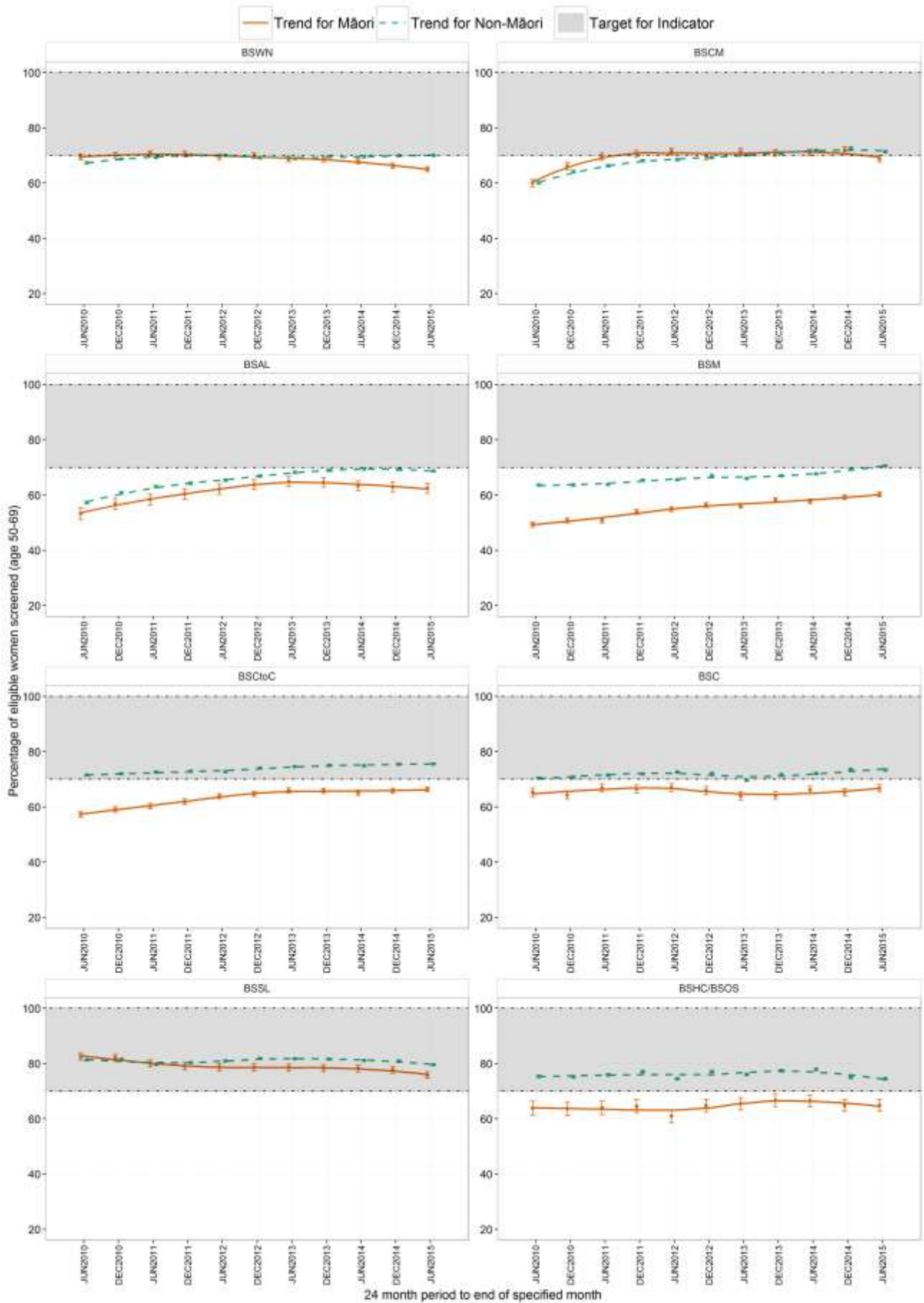


Table 1.a.1.2: Pacific and non-Māori non-Pacific coverage of eligible women, 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Women screened	Eligible women	% screened (95% CI)	Women screened	Eligible women	% screened (95% CI)	
45–49 years							
BSWN	1,030	1,410	73.0 (70.7, 75.4)	15,794	22,800	69.3 (68.7, 69.9)	1.05 (1.02, 1.09)
BSCM	2,665	3,370	79.1 (77.7, 80.4)	9,135	12,330	74.1 (73.3, 74.9)	1.07 (1.05, 1.09)
BSAL	1,378	1,840	74.9 (72.8, 76.9)	9,600	13,520	71.0 (70.2, 71.8)	1.05 (1.03, 1.09)
BSM	289	490	59.0 (54.5, 63.4)	13,029	18,770	69.4 (68.7, 70.1)	0.85 (0.79, 0.92)
BSCtoC	218	390	55.9 (50.8, 60.9)	10,450	14,695	71.1 (70.4, 71.8)	0.79 (0.72, 0.86)
BSC	666	1,100	60.5 (57.6, 63.4)	10,186	14,815	68.8 (68.0, 69.5)	0.88 (0.84, 0.92)
BSSL	267	400	66.8 (61.9, 71.4)	21,879	25,115	87.1 (86.7, 87.5)	0.77 (0.71, 0.82)
BSOS	84	130	64.6 (55.8, 72.8)	7,210	9,710	74.3 (73.4, 75.1)	0.87 (0.77, 0.99)
Total	6,597	9,130	72.3 (71.3, 73.2)	97,283	131,755	73.8 (73.6, 74.1)	0.98 (0.97, 0.99)
50–69 years							
BSWN	2,689	3,350	80.3 (78.9, 81.6)	52,392	75,280	69.6 (69.3, 69.9)	1.15 (1.13, 1.17)
BSCM	6,254	7,710	81.1 (80.2, 82.0)	27,336	39,360	69.5 (69.0, 69.9)	1.17 (1.15, 1.18)
BSAL	3,137	4,390	71.5 (70.1, 72.8)	27,884	40,760	68.4 (68.0, 68.9)	1.04 (1.02, 1.07)
BSM	668	1,110	60.2 (57.2, 63.1)	50,416	71,340	70.7 (70.3, 71.0)	0.85 (0.81, 0.89)
BSCtoC	609	900	67.7 (64.5, 70.7)	44,507	58,820	75.7 (75.3, 76.0)	0.89 (0.85, 0.94)
BSC	1,847	2,760	66.9 (65.1, 68.7)	35,407	48,015	73.7 (73.3, 74.1)	0.91 (0.88, 0.93)
BSSL	595	920	64.7 (61.5, 67.8)	71,736	90,015	79.7 (79.4, 80.0)	0.81 (0.77, 0.85)
BSOS	168	270	62.2 (56.1, 68.0)	26,800	35,950	74.5 (74.1, 75.0)	0.83 (0.76, 0.92)
Total	15,967	21,410	74.6 (74.0, 75.2)	336,478	459,540	73.2 (73.1, 73.3)	1.02 (1.01, 1.03)

Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show confidence interval excludes target of >70%.

* Eligible population is based on the mid-year 2014 projected population

Figure 1.a.1.c: Trends in biennial coverage by LP for Māori, Pacific and non-Māori non-Pacific women aged 45–49 years, July 2008 to June 2015

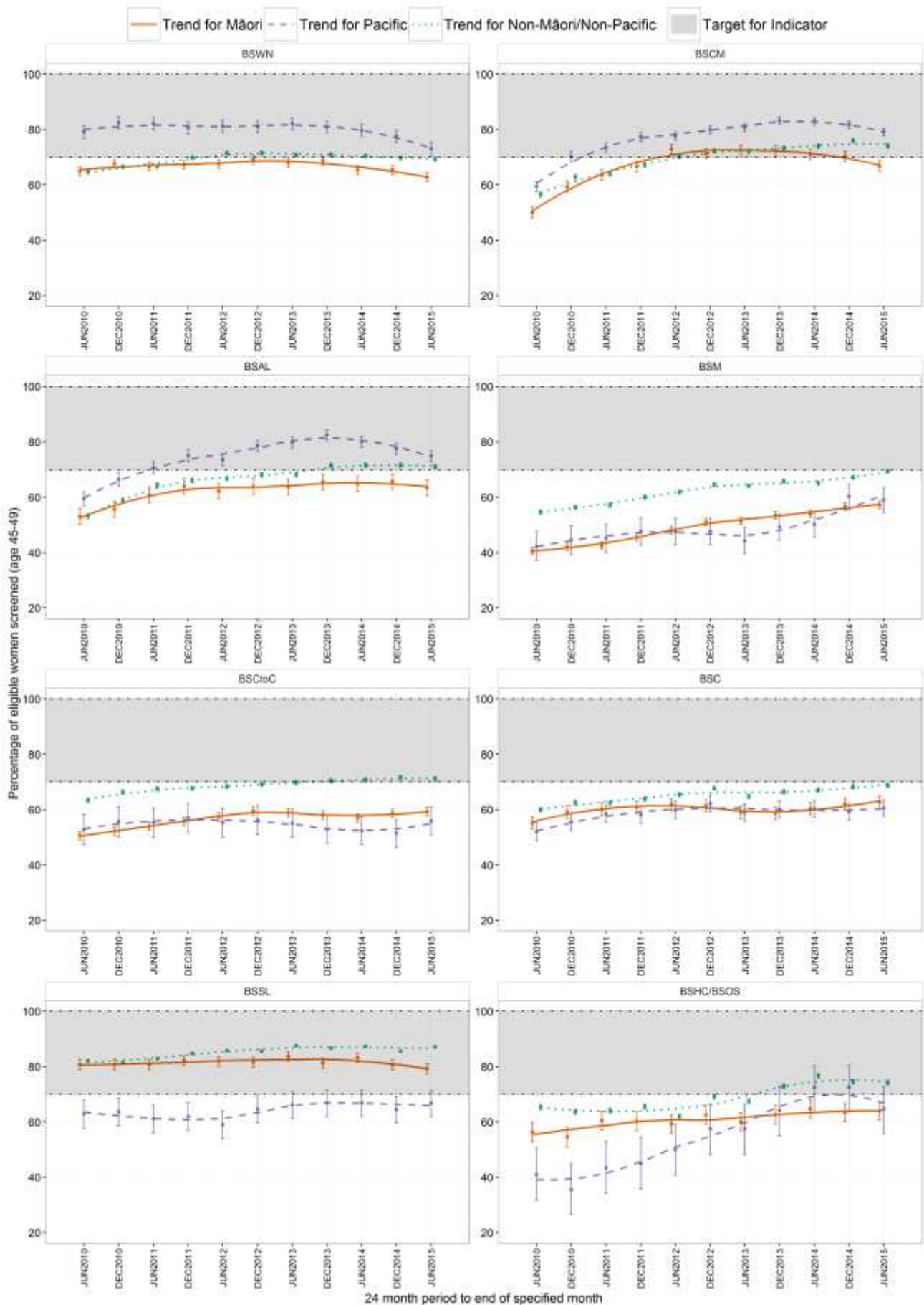


Figure 1.a.1.d: Trends in biennial coverage by LP for Māori, Pacific and non-Māori non-Pacific women aged 50–69 years, July 2008 to June 2015

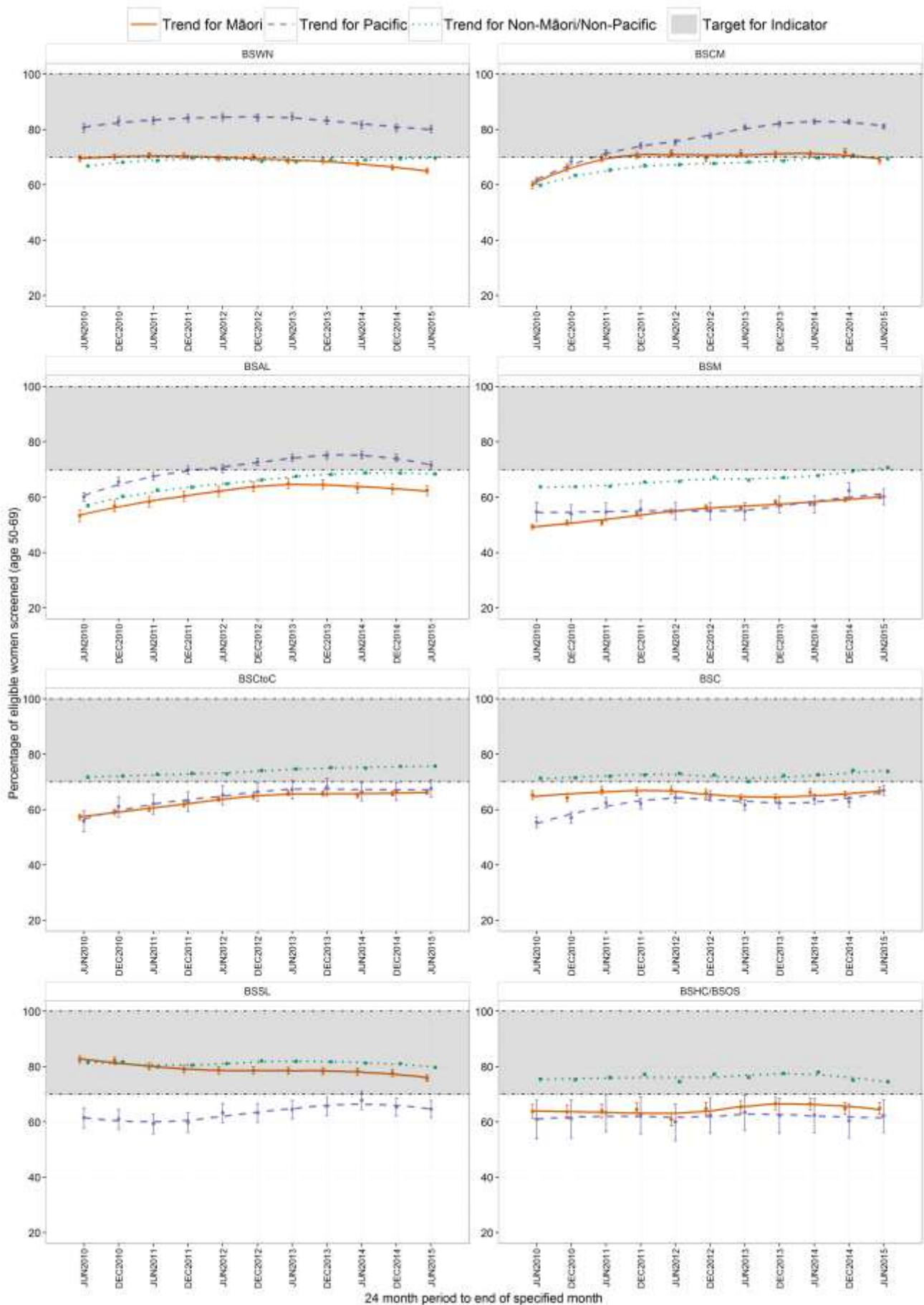


Table 1.a.1.3 Total population coverage of eligible women, 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Women screened	Eligible women	% screened (95% CI)	Women screened	Eligible women	% screened (95% CI)
BSWN	18,945	27,590	68.7 (68.1, 69.2)	61,235	88,090	69.5(69.2, 69.8)
BSCM	13,458	18,180	74.0 (73.4, 74.7)	37,642	52,960	71.1(70.7, 71.5)
BSAL	11,733	16,550	70.9 (70.2, 71.6)	33,038	48,380	68.3(67.9, 68.7)
BSM	16,307	24,480	66.6 (66.0, 67.2)	59,932	87,160	68.8(68.5, 69.1)
BSCtoC	13,002	19,025	68.3 (67.7, 69.0)	52,296	70,540	74.1(73.8, 74.5)
BSC	12,074	17,865	67.6 (66.9, 68.3)	40,510	55,655	72.8(72.4, 73.2)
BSSL	23,715	27,495	86.3 (85.8, 86.7)	75,933	95,685	79.4(79.1, 79.6)
BSOS	7,857	10,720	73.3 (72.4, 74.1)	28,259	38,210	74.0(73.5, 74.4)
BSWN	117,091	161,905	72.3 (72.1, 72.5)	388,845	536,680	72.5(72.3, 72.6)

Shaded boxes show confidence interval excludes target of >70%.

* Eligible population is based on the mid-year 2014 projected population.

Figure 1.a.1.e: Trends in biennial coverage by LP and all BSA for total women aged 45–49 years, July 2008 to June 2015

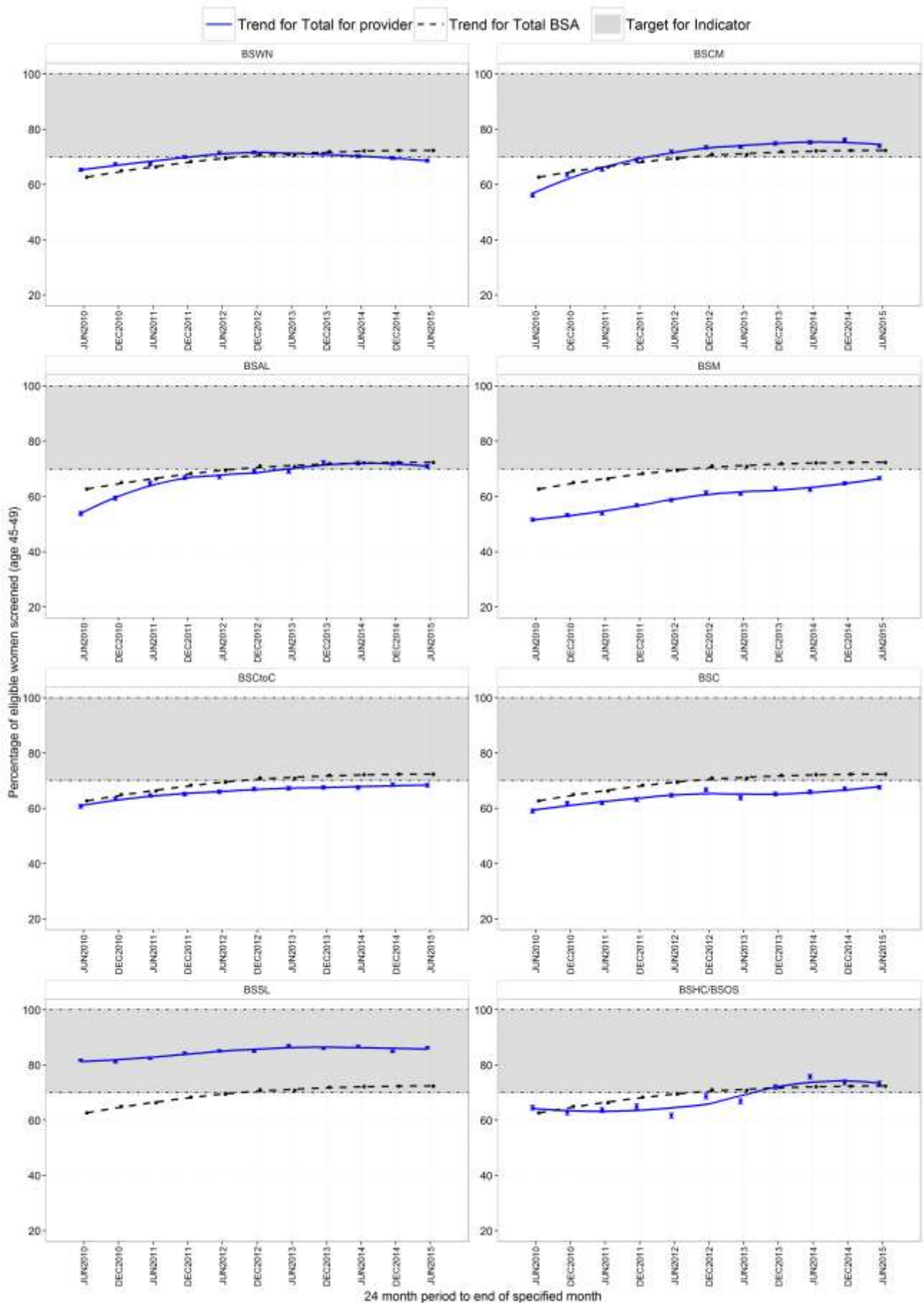
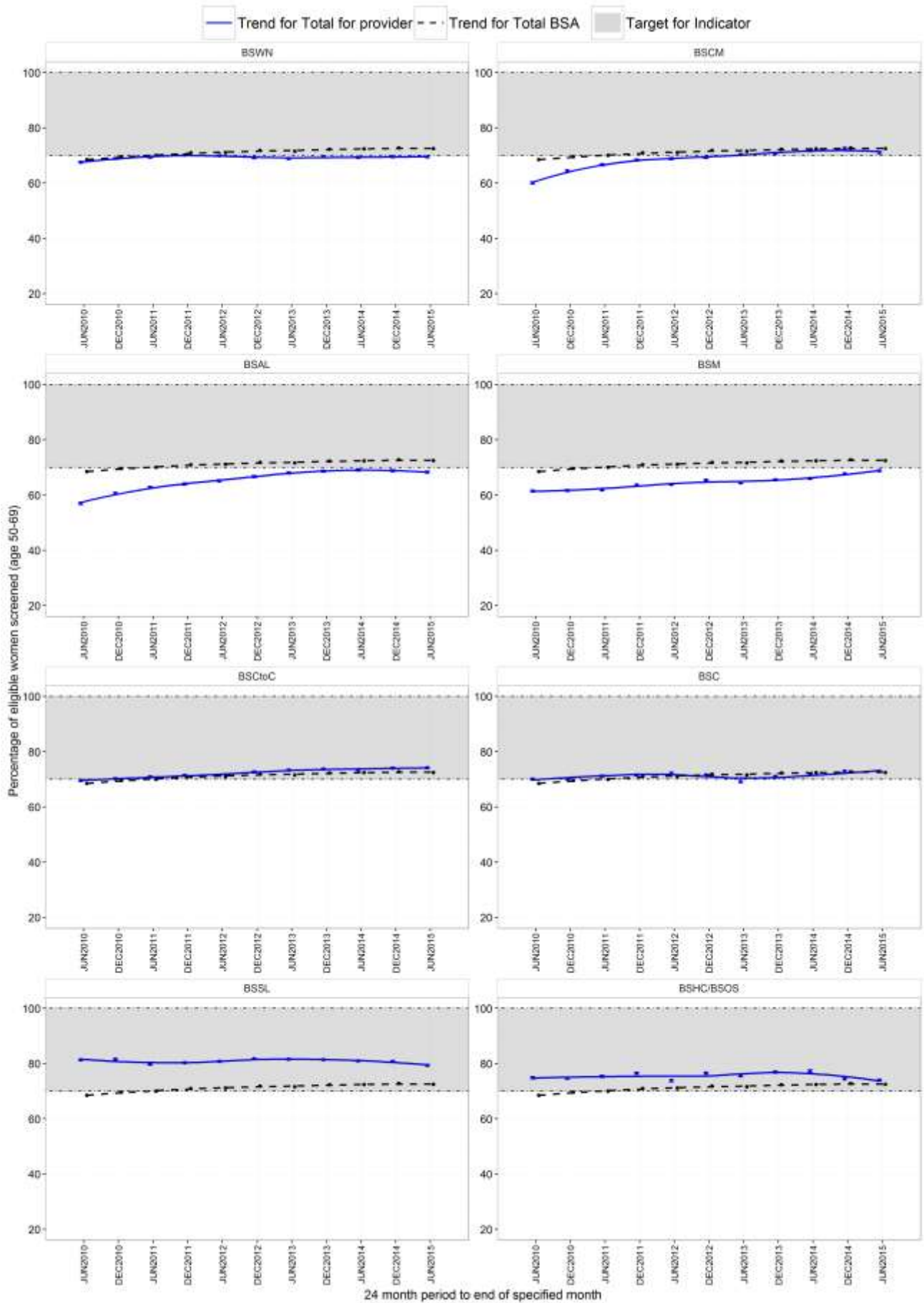


Figure 1.a.1.f: Trends in biennial coverage by LP and all BSA for total women aged 50–69 years, July 2008 to June 2015



1a.2 Proportion of screens that are initial and subsequent screens

Table 1.a.2.1: Proportion of Māori and non-Māori screens that are initial or subsequent, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Initial screens	No. of women screened	% of screens that were initial (95% CI)	Initial screens	No. of women screened	% of screens that were initial (95% CI)	
45–49 years							
BSWN	978	2,121	46.1 (44.0, 48.3)	7,268	16,824	43.2(42.4, 44.0)	<i>1.07 (1.02, 1.12)</i>
BSCM	831	1,658	50.1 (47.7, 52.6)	5,363	11,800	45.4(44.5, 46.4)	<i>1.10 (1.05, 1.16)</i>
BSAL	369	755	48.9 (45.3, 52.5)	4,882	10,978	44.5(43.5, 45.4)	<i>1.10 (1.02, 1.19)</i>
BSM	1,670	2,989	55.9 (54.1, 57.7)	6,337	13,318	47.6(46.7, 48.4)	<i>1.17 (1.13, 1.22)</i>
BSCtoC	1,072	2,334	45.9 (43.9, 48.0)	4,402	10,668	41.3(40.3, 42.2)	<i>1.11 (1.06, 1.17)</i>
BSC	581	1,222	47.5 (44.7, 50.4)	4,858	10,852	44.8(43.8, 45.7)	1.06 (1.00, 1.13)
BSSL	699	1,569	44.6 (42.1, 47.1)	8,742	22,146	39.5(38.8, 40.1)	<i>1.13 (1.07, 1.20)</i>
BSOS	311	563	55.2 (51.0, 59.4)	3,731	7,294	51.2(50.0, 52.3)	1.08 (1.00, 1.17)
Total	6,511	13,211	49.3 (48.4, 50.1)	45,583	103,880	43.9(43.6, 44.2)	1.12 (1.10, 1.14)
Lead Provider	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Māori/non-Māori ratio (95% CI)
BSWN	1,143	2,121	53.9 (51.7, 56.0)	9,556	16,824	56.8(56.0, 57.6)	0.95 (0.91, 0.99)
BSCM	827	1,658	49.9 (47.4, 52.3)	6,437	11,800	54.6(53.6, 55.5)	0.91 (0.87, 0.96)
BSAL	386	755	51.1 (47.5, 54.7)	6,096	10,978	55.5(54.6, 56.5)	0.92 (0.86, 0.99)
BSM	1,319	2,989	44.1 (42.3, 45.9)	6,981	13,318	52.4(51.6, 53.3)	0.84 (0.81, 0.88)
BSCtoC	1,262	2,334	54.1 (52.0, 56.1)	6,266	10,668	58.7(57.8, 59.7)	0.92 (0.88, 0.96)
BSC	641	1,222	52.5 (49.6, 55.3)	5,994	10,852	55.2(54.3, 56.2)	0.95 (0.90, 1.00)
BSSL	870	1,569	55.4 (52.9, 57.9)	13,404	22,146	60.5(59.9, 61.2)	0.92 (0.88, 0.96)
BSOS	252	563	44.8 (40.6, 49.0)	3,563	7,294	48.8(47.7, 50.0)	0.92 (0.83, 1.01)
Total	6,700	13,211	50.7 (49.9, 51.6)	58,297	103,880	56.1(55.8, 56.4)	0.90 (0.89, 0.92)
Lead Provider	Initial screens	No. of women screened	% of screens that were initial (95% CI)	Initial screens	No. of women screened	% of screens that were initial (95% CI)	Māori/non-Māori ratio (95% CI)
50–69 years							
BSWN	287	6,154	4.7 (4.2, 5.2)	2,873	55,081	5.2(5.0, 5.4)	0.89 (0.79, 1.01)
BSCM	263	4,052	6.5 (5.8, 7.3)	2,495	33,590	7.4(7.1, 7.7)	0.87 (0.77, 0.99)
BSAL	117	2,017	5.8 (4.8, 6.9)	2,139	31,021	6.9(6.6, 7.2)	0.84 (0.70, 1.01)
BSM	950	8,848	10.7 (10.1, 11.4)	2,991	51,084	5.9(5.7, 6.1)	<i>1.83 (1.71, 1.97)</i>
BSCtoC	549	7,180	7.6 (7.0, 8.3)	1,778	45,116	3.9(3.8, 4.1)	<i>1.94 (1.77, 2.13)</i>
BSC	179	3,256	5.5 (4.7, 6.3)	1,911	37,254	5.1(4.9, 5.4)	1.07 (0.92, 1.24)
BSSL	125	3,602	3.5 (2.9, 4.1)	1,778	72,331	2.5(2.3, 2.6)	<i>1.41 (1.18, 1.69)</i>
BSOS	73	1,291	5.7 (4.5, 7.1)	1,052	26,968	3.9(3.7, 4.1)	<i>1.45 (1.15, 1.83)</i>
Total	2,543	36,400	7.0 (6.7, 7.3)	17,017	352,445	4.8(4.8, 4.9)	1.45 (1.39, 1.51)
Lead Provider	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Māori/non-Māori ratio (95% CI)
BSWN	5,867	6,154	95.3 (94.8, 95.8)	52,208	55,081	94.8(94.6, 95.0)	1.01 (1.00, 1.01)
BSCM	3,789	4,052	93.5 (92.7, 94.2)	31,095	33,590	92.6(92.3, 92.9)	1.01 (1.00, 1.02)
BSAL	1,900	2,017	94.2 (93.1, 95.2)	28,882	31,021	93.1(92.8, 93.4)	1.01 (1.00, 1.02)
BSM	7,898	8,848	89.3 (88.6, 89.9)	48,093	51,084	94.1(93.9, 94.3)	0.95 (0.94, 0.96)
BSCtoC	6,631	7,180	92.4 (91.7, 93.0)	43,338	45,116	96.1(95.9, 96.2)	0.96 (0.95, 0.97)
BSC	3,077	3,256	94.5 (93.7, 95.3)	35,343	37,254	94.9(94.6, 95.1)	1.00 (0.99, 1.00)
BSSL	3,477	3,602	96.5 (95.9, 97.1)	70,553	72,331	97.5(97.4, 97.7)	0.99 (0.98, 1.00)
BSOS	1,218	1,291	94.3 (92.9, 95.5)	25,916	26,968	96.1(95.9, 96.3)	0.98 (0.97, 1.00)
Total	33,857	36,400	93.0 (92.7, 93.3)	335,428	352,445	95.2(95.1, 95.2)	0.98 (0.97, 0.98)

Ratios in italics show a statistically significant difference between Māori and non-Māori.

Table 1.a.2.2: Proportion of Pacific and non-Māori non-Pacific screens that are initial or subsequent, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Initial screens	No. of women screened	% of screens that were initial (95% CI)	Initial screens	No. of women screened	% of screens that were initial (95% CI)	
45–49 years							
BSWN	478	1,030	46.4 (43.3, 49.5)	6,790	15,794	43.0(42.2, 43.8)	<i>1.08 (1.01, 1.16)</i>
BSCM	1,308	2,665	49.1 (47.2, 51.0)	4,055	9,135	44.4(43.4, 45.4)	<i>1.11 (1.06, 1.16)</i>
BSAL	638	1,378	46.3 (43.6, 49.0)	4,244	9,600	44.2(43.2, 45.2)	1.05 (0.99, 1.11)
BSM	171	289	59.2 (53.3, 64.9)	6,166	13,029	47.3(46.5, 48.2)	<i>1.25 (1.13, 1.38)</i>
BSCtoC	105	218	48.2 (41.4, 55.0)	4,297	10,450	41.1(40.2, 42.1)	<i>1.17 (1.02, 1.35)</i>
BSC	324	666	48.6 (44.8, 52.5)	4,534	10,186	44.5(43.5, 45.5)	<i>1.09 (1.01, 1.19)</i>
BSSL	114	267	42.7 (36.7, 48.9)	8,628	21,879	39.4(38.8, 40.1)	1.08 (0.94, 1.25)
BSOS	49	84	58.3 (47.1, 69.0)	3,682	7,210	51.1(49.9, 52.2)	1.14 (0.95, 1.37)
Total	3,187	6,597	48.3 (47.1, 49.5)	42,396	97,283	43.6(43.3, 43.9)	<i>1.11 (1.08, 1.14)</i>
Lead Provider	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Pacific/non-Māori non-Pacific ratio (95% CI)
BSWN	552	1,030	53.6 (50.5, 56.7)	9,004	15,794	57.0(56.2, 57.8)	0.94 (0.89, 1.00)
BSCM	1,357	2,665	50.9 (49.0, 52.8)	5,080	9,135	55.6(54.6, 56.6)	0.92 (0.88, 0.95)
BSAL	740	1,378	53.7 (51.0, 56.4)	5,356	9,600	55.8(54.8, 56.8)	0.96 (0.91, 1.01)
BSM	118	289	40.8 (35.1, 46.7)	6,863	13,029	52.7(51.8, 53.5)	<i>0.78 (0.67, 0.89)</i>
BSCtoC	113	218	51.8 (45.0, 58.6)	6,153	10,450	58.9(57.9, 59.8)	0.88 (0.77, 1.00)
BSC	342	666	51.4 (47.5, 55.2)	5,652	10,186	55.5(54.5, 56.5)	0.93 (0.86, 1.00)
BSSL	153	267	57.3 (51.1, 63.3)	13,251	21,879	60.6(59.9, 61.2)	0.95 (0.85, 1.05)
BSOS	35	84	41.7 (31.0, 52.9)	3,528	7,210	48.9(47.8, 50.1)	0.85 (0.66, 1.10)
Total	3,410	6,597	51.7 (50.5, 52.9)	54,887	97,283	56.4(56.1, 56.7)	<i>0.92 (0.89, 0.94)</i>
Lead Provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Initial screens	No. of women screened	% of screens that were initial (95% CI)	Initial screens	No. of women screened	% of screens that were initial (95% CI)	
50–69 years							
BSWN	155	2,689	5.8 (4.9, 6.7)	2,718	52,392	5.2(5.0, 5.4)	1.11 (0.95, 1.30)
BSCM	506	6,254	8.1 (7.4, 8.8)	1,989	27,336	7.3(7.0, 7.6)	<i>1.11 (1.01, 1.22)</i>
BSAL	212	3,137	6.8 (5.9, 7.7)	1,927	27,884	6.9(6.6, 7.2)	0.98 (0.85, 1.12)
BSM	111	668	16.6 (13.9, 19.7)	2,880	50,416	5.7(5.5, 5.9)	<i>2.91 (2.45, 3.46)</i>
BSCtoC	56	609	9.2 (7.0, 11.8)	1,722	44,507	3.9(3.7, 4.1)	<i>2.38 (1.84, 3.06)</i>
BSC	124	1,847	6.7 (5.6, 8.0)	1,787	35,407	5.0(4.8, 5.3)	<i>1.33 (1.12, 1.59)</i>
BSSL	36	595	6.1 (4.3, 8.3)	1,742	71,736	2.4(2.3, 2.5)	<i>2.49 (1.81, 3.43)</i>
BSOS	13	168	7.7 (4.2, 12.9)	1,039	26,800	3.9(3.6, 4.1)	<i>2.00 (1.18, 3.38)</i>
Total	1,213	15,967	7.6 (7.2, 8.0)	15,804	336,478	4.7(4.6, 4.8)	<i>1.62 (1.53, 1.71)</i>
Lead Provider	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Subsequent screens	No. of women screened	% of screens that were subsequent (95% CI)	Pacific/non-Māori non-Pacific ratio (95% CI)
BSWN	2,534	2,689	94.2 (93.3, 95.1)	49,674	52,392	94.8(94.6, 95.0)	0.99 (0.98, 1.00)
BSCM	5,748	6,254	91.9 (91.2, 92.6)	25,347	27,336	92.7(92.4, 93.0)	0.99 (0.98, 1.00)
BSAL	2,925	3,137	93.2 (92.3, 94.1)	25,957	27,884	93.1(92.8, 93.4)	1.00 (0.99, 1.01)
BSM	557	668	83.4 (80.3, 86.1)	47,536	50,416	94.3(94.1, 94.5)	<i>0.88 (0.85, 0.91)</i>
BSCtoC	553	609	90.8 (88.2, 93.0)	42,785	44,507	96.1(95.9, 96.3)	<i>0.94 (0.92, 0.97)</i>
BSC	1,723	1,847	93.3 (92.0, 94.4)	33,620	35,407	95.0(94.7, 95.2)	0.98 (0.97, 0.99)
BSSL	559	595	93.9 (91.7, 95.7)	69,994	71,736	97.6(97.5, 97.7)	0.96 (0.94, 0.98)
BSOS	155	168	92.3 (87.1, 95.8)	25,761	26,800	96.1(95.9, 96.4)	0.96 (0.92, 1.00)
Total	14,754	15,967	92.4 (92.0, 92.8)	320,674	336,478	95.3(95.2, 95.4)	<i>0.97 (0.97, 0.97)</i>

Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women.

Table 1.a.2.3: Proportion of total screens that are initial or subsequent, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Initial screens	Subsequent screens	Total screens	% of screens that were initial (95% CI)	% of screens that were subsequent (95% CI)
45–49 years					
BSWN	8,246	10,699	18,945	43.5 (42.8, 44.2)	56.5 (55.8, 57.2)
BSCM	6,194	7,264	13,458	46.0 (45.2, 46.9)	54.0 (53.1, 54.8)
BSAL	5,251	6,482	11,733	44.8 (43.9, 45.7)	55.2 (54.3, 56.1)
BSM	8,007	8,300	16,307	49.1 (48.3, 49.9)	50.9 (50.1, 51.7)
BSCtoC	5,474	7,528	13,002	42.1 (41.3, 43.0)	57.9 (57.0, 58.7)
BSC	5,439	6,635	12,074	45.0 (44.2, 45.9)	55.0 (54.1, 55.8)
BSSL	9,441	14,274	23,715	39.8 (39.2, 40.4)	60.2 (59.6, 60.8)
BSOS	4,042	3,815	7,857	51.4 (50.3, 52.6)	48.6 (47.4, 49.7)
Total	52,094	64,997	117,091	44.5 (44.2, 44.8)	55.5 (55.2, 55.8)
50–69 years					
BSWN	3,160	58,075	61,235	5.2 (5.0, 5.3)	94.8 (94.7, 95.0)
BSCM	2,758	34,884	37,642	7.3 (7.1, 7.6)	92.7 (92.4, 92.9)
BSAL	2,256	30,782	33,038	6.8 (6.6, 7.1)	93.2 (92.9, 93.4)
BSM	3,941	55,991	59,932	6.6 (6.4, 6.8)	93.4 (93.2, 93.6)
BSCtoC	2,327	49,969	52,296	4.4 (4.3, 4.6)	95.6 (95.4, 95.7)
BSC	2,090	38,420	40,510	5.2 (4.9, 5.4)	94.8 (94.6, 95.1)
BSSL	1,903	74,030	75,933	2.5 (2.4, 2.6)	97.5 (97.4, 97.6)
BSOS	1,125	27,134	28,259	4.0 (3.8, 4.2)	96.0 (95.8, 96.2)
Total	19,560	369,285	388,845	5.0 (5.0, 5.1)	95.0 (94.9, 95.0)

Note: BSOS represents BSHC and BSOS.

1.a.3 Percentage of women screened by type of screening unit

Table 1.a.3.1: Percentage of Māori and non-Māori women screened by type of screening unit, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	
45–49 years							
BSWN	1,272	2,121	60.0 (57.9, 62.1)	13,016	16,824	77.4(76.7, 78.0)	0.78 (0.75, 0.80)
BSCM	1,309	1,658	79.0 (76.9, 80.9)	9,622	11,800	81.5(80.8, 82.2)	0.97 (0.94, 0.99)
BSAL	520	755	68.9 (65.4, 72.2)	8,757	10,978	79.8(79.0, 80.5)	0.86 (0.82, 0.91)
BSM	2,160	2,989	72.3 (70.6, 73.9)	10,222	13,318	76.8(76.0, 77.5)	0.94 (0.92, 0.96)
BSCtoC	1,868	2,334	80.0 (78.4, 81.6)	9,553	10,668	89.5(89.0, 90.1)	0.89 (0.87, 0.91)
BSC	667	1,222	54.6 (51.7, 57.4)	6,016	10,852	55.4 (54.5, 56.4)	0.98 (0.93, 1.04)
BSSL	1,446	1,569	92.2 (90.7, 93.4)	20,859	22,146	94.2 (93.9, 94.5)	0.98 (0.96, 0.99)
BSOS	398	563	70.7 (66.7, 74.4)	5,011	7,294	68.7 (67.6, 69.8)	1.03 (0.97, 1.09)
Total	9,640	13,211	73.0 (72.2, 73.7)	83,056	103,880	80.0 (79.7, 80.2)	0.91 (0.90, 0.92)
Lead Provider	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Māori/non-Māori ratio (95% CI)
BSWN	849	2,121	40.0 (37.9, 42.1)	3,808	16,824	22.6 (22.0, 23.3)	1.77 (1.67, 1.88)
BSCM	349	1,658	21.0 (19.1, 23.1)	2,178	11,800	18.5 (17.8, 19.2)	1.14 (1.03, 1.26)
BSAL	235	755	31.1 (27.8, 34.6)	2,221	10,978	20.2 (19.5, 21.0)	1.54 (1.37, 1.72)
BSM	829	2,989	27.7 (26.1, 29.4)	3,096	13,318	23.2 (22.5, 24.0)	1.19 (1.12, 1.27)
BSCtoC	466	2,334	20.0 (18.4, 21.6)	1,115	10,668	10.5 (9.9, 11.0)	1.91 (1.73, 2.11)
BSC	555	1,222	45.4 (42.6, 48.3)	4,836	10,852	44.6 (43.6, 45.5)	1.02 (0.96, 1.09)
BSSL	123	1,569	7.8 (6.6, 9.3)	1,287	22,146	5.8 (5.5, 6.1)	1.35 (1.13, 1.61)
BSOS	165	563	29.3 (25.6, 33.3)	2,283	7,294	31.3 (30.2, 32.4)	0.94 (0.82, 1.07)
Total	3,571	13,211	27.0 (26.3, 27.8)	20,824	103,880	20.0 (19.8, 20.3)	1.35 (1.31, 1.39)
Lead Provider	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Māori/non-Māori ratio (95% CI)
50–69 years							
BSWN	3,453	6,154	56.1 (54.9, 57.4)	41,039	55,081	74.5(74.1, 74.9)	0.75 (0.74, 0.77)
BSCM	3,005	4,052	74.2 (72.8, 75.5)	26,272	33,590	78.2(77.8, 78.7)	0.95 (0.93, 0.97)
BSAL	1,326	2,017	65.7 (63.6, 67.8)	24,817	31,021	80.0(79.6, 80.4)	0.82 (0.80, 0.85)
BSM	6,067	8,848	68.6 (67.6, 69.5)	36,968	51,084	72.4(72.0, 72.8)	0.95 (0.93, 0.96)
BSCtoC	5,497	7,180	76.6 (75.6, 77.5)	39,474	45,116	87.5(87.2, 87.8)	0.88 (0.86, 0.89)
BSC	1,837	3,256	56.4 (54.7, 58.1)	20,469	37,254	54.9(54.4, 55.5)	1.03 (0.99, 1.06)
BSSL	3,201	3,602	88.9 (87.8, 89.9)	66,770	72,331	92.3(92.1, 92.5)	0.96 (0.95, 0.97)
BSOS	885	1,291	68.6 (65.9, 71.1)	17,351	26,968	64.3(63.8, 64.9)	1.07 (1.03, 1.11)
Total	25,271	36,400	69.4 (68.9, 69.9)	273,160	352,445	77.5(77.4, 77.6)	0.90 (0.89, 0.90)
Lead Provider	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Māori/non-Māori ratio (95% CI)
BSWN	2,701	6,154	43.9 (42.6, 45.1)	14,042	55,081	25.5(25.1, 25.9)	1.72 (1.67, 1.78)
BSCM	1,047	4,052	25.8 (24.5, 27.2)	7,318	33,590	21.8(21.3, 22.2)	1.19 (1.12, 1.25)
BSAL	691	2,017	34.3 (32.2, 36.4)	6,204	31,021	20.0(19.6, 20.4)	1.71 (1.61, 1.83)
BSM	2,781	8,848	31.4 (30.5, 32.4)	14,116	51,084	27.6(27.2, 28.0)	1.14 (1.10, 1.18)
BSCtoC	1,683	7,180	23.4 (22.5, 24.4)	5,642	45,116	12.5(12.2, 12.8)	1.87 (1.79, 1.97)
BSC	1,419	3,256	43.6 (41.9, 45.3)	16,785	37,254	45.1(44.5, 45.6)	0.97 (0.93, 1.01)
BSSL	401	3,602	11.1 (10.1, 12.2)	5,561	72,331	7.7(7.5, 7.9)	1.45 (1.32, 1.59)
BSOS	406	1,291	31.4 (28.9, 34.1)	9,617	26,968	35.7(35.1, 36.2)	0.88 (0.81, 0.96)
Total	11,129	36,400	30.6 (30.1, 31.1)	79,285	352,445	22.5(22.4, 22.6)	1.36 (1.34, 1.38)

Ratios in italics show a statistically significant difference between Māori and non-Māori.

Table 1.a.3.2: Percentage of Pacific and non-Māori non-Pacific women screened by type of screening unit, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	
45–49 years							
BSWN	936	1,030	90.9 (88.9, 92.6)	12,080	15,794	76.5(75.8, 77.1)	<i>1.19 (1.16, 1.21)</i>
BSCM	2,226	2,665	83.5 (82.1, 84.9)	7,396	9,135	81.0(80.1, 81.8)	<i>1.03 (1.01, 1.05)</i>
BSAL	826	1,378	59.9 (57.3, 62.5)	7,931	9,600	82.6(81.8, 83.4)	<i>0.73 (0.69, 0.76)</i>
BSM	213	289	73.7 (68.2, 78.7)	10,009	13,029	76.8(76.1, 77.5)	<i>0.96 (0.89, 1.03)</i>
BSCtoC	187	218	85.8 (80.4, 90.1)	9,366	10,450	89.6(89.0, 90.2)	<i>0.96 (0.91, 1.01)</i>
BSC	317	666	47.6 (43.7, 51.5)	5,699	10,186	55.9(55.0, 56.9)	<i>0.85 (0.78, 0.92)</i>
BSSL	250	267	93.6 (90.0, 96.2)	20,609	21,879	94.2(93.9, 94.5)	<i>0.99 (0.96, 1.03)</i>
BSOS	66	84	78.6 (68.3, 86.8)	4,945	7,210	68.6(67.5, 69.7)	<i>1.15 (1.02, 1.28)</i>
Total	5,021	6,597	76.1 (75.1, 77.1)	78,035	97,283	80.2(80.0, 80.5)	0.95 (0.94, 0.96)
Lead Provider	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Pacific/non-Māori non-Pacific ratio (95% CI)
BSWN	94	1,030	9.1 (7.4, 11.1)	3,714	15,794	23.5(22.9, 24.2)	<i>0.39 (0.32, 0.47)</i>
BSCM	439	2,665	16.5 (15.1, 17.9)	1,739	9,135	19.0(18.2, 19.9)	<i>0.87 (0.79, 0.95)</i>
BSAL	552	1,378	40.1 (37.5, 42.7)	1,669	9,600	17.4(16.6, 18.2)	<i>2.30 (2.13, 2.49)</i>
BSM	76	289	26.3 (21.3, 31.8)	3,020	13,029	23.2(22.5, 23.9)	<i>1.13 (0.93, 1.38)</i>
BSCtoC	31	218	14.2 (9.9, 19.6)	1,084	10,450	10.4(9.8, 11.0)	<i>1.37 (0.98, 1.91)</i>
BSC	349	666	52.4 (48.5, 56.3)	4,487	10,186	44.1(43.1, 45.0)	<i>1.19 (1.10, 1.28)</i>
BSSL	17	267	6.4 (3.8, 10.0)	1,270	21,879	5.8(5.5, 6.1)	<i>1.10 (0.69, 1.74)</i>
BSOS	18	84	21.4 (13.2, 31.7)	2,265	7,210	31.4(30.3, 32.5)	<i>0.68 (0.45, 1.03)</i>
Total	1,576	6,597	23.9 (22.9, 24.9)	19,248	97,283	19.8(19.5, 20.0)	1.21 (1.15, 1.26)
Lead Provider	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Number screened in fixed site	Total number screened	% screened in fixed site (95% CI)	Pacific/non-Māori non-Pacific ratio (95% CI)
50–69 years							
BSWN	2,463	2,689	91.6 (90.5, 92.6)	38,576	52,392	73.6(73.2, 74.0)	<i>1.24 (1.23, 1.26)</i>
BSCM	5,029	6,254	80.4 (79.4, 81.4)	21,243	27,336	77.7(77.2, 78.2)	<i>1.03 (1.02, 1.05)</i>
BSAL	1,755	3,137	55.9 (54.2, 57.7)	23,062	27,884	82.7(82.3, 83.1)	<i>0.68 (0.66, 0.70)</i>
BSM	470	668	70.4 (66.7, 73.8)	36,498	50,416	72.4(72.0, 72.8)	<i>0.97 (0.92, 1.02)</i>
BSCtoC	519	609	85.2 (82.2, 87.9)	38,955	44,507	87.5(87.2, 87.8)	<i>0.97 (0.94, 1.01)</i>
BSC	900	1,847	48.7 (46.4, 51.0)	19,569	35,407	55.3(54.7, 55.8)	<i>0.88 (0.84, 0.92)</i>
BSSL	547	595	91.9 (89.4, 94.0)	66,223	71,736	92.3(92.1, 92.5)	<i>1.00 (0.97, 1.02)</i>
BSOS	142	168	84.5 (78.2, 89.6)	17,209	26,800	64.2(63.6, 64.8)	<i>1.32 (1.23, 1.41)</i>
Total	11,825	15,967	74.1 (73.4, 74.7)	261,335	336,478	77.7(77.5, 77.8)	0.95 (0.94, 0.96)
Lead Provider	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Number screened in mobile unit	Total number screened	% screened in mobile unit (95% CI)	Pacific/non-Māori non-Pacific ratio (95% CI)
BSWN	226	2,689	8.4 (7.4, 9.5)	13,816	52,392	26.4(26.0, 26.8)	<i>0.32 (0.28, 0.36)</i>
BSCM	1,225	6,254	19.6 (18.6, 20.6)	6,093	27,336	22.3(21.8, 22.8)	<i>0.88 (0.83, 0.93)</i>
BSAL	1,382	3,137	44.1 (42.3, 45.8)	4,822	27,884	17.3(16.9, 17.7)	<i>2.55 (2.43, 2.67)</i>
BSM	198	668	29.6 (26.2, 33.3)	13,918	50,416	27.6(27.2, 28.0)	<i>1.07 (0.95, 1.21)</i>
BSCtoC	90	609	14.8 (12.1, 17.8)	5,552	44,507	12.5(12.2, 12.8)	<i>1.18 (0.98, 1.44)</i>
BSC	947	1,847	51.3 (49.0, 53.6)	15,838	35,407	44.7(44.2, 45.3)	<i>1.15 (1.09, 1.20)</i>
BSSL	48	595	8.1 (6.0, 10.6)	5,513	71,736	7.7(7.5, 7.9)	<i>1.05 (0.80, 1.38)</i>
BSOS	26	168	15.5 (10.4, 21.8)	9,591	26,800	35.8(35.2, 36.4)	<i>0.43 (0.30, 0.62)</i>
Total	4,142	15,967	25.9 (25.3, 26.6)	75,143	336,478	22.3(22.2, 22.5)	1.16 (1.13, 1.19)

Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women.

Table 1.a.3.3: Percentage of total women screened by type of screening unit, 2 years (July 2013 to June 2015), 45–49 years and 50–69 years

Lead Provider	Number screened in fixed site	Number screened in mobile unit	Total number screened	% screened in fixed site (95% CI)	% screened in mobile unit (95% CI)
45–49 years					
BSWN	14,288	4,657	18,945	75.4 (74.8, 76.0)	24.6 (24.0, 25.2)
BSCM	10,931	2,527	13,458	81.2 (80.6, 81.9)	18.8 (18.1, 19.4)
BSAL	9,277	2,456	11,733	79.1 (78.3, 79.8)	20.9 (20.2, 21.7)
BSM	12,382	3,925	16,307	75.9 (75.3, 76.6)	24.1 (23.4, 24.7)
BSCtoC	11,421	1,581	13,002	87.8 (87.3, 88.4)	12.2 (11.6, 12.7)
BSC	6,683	5,391	12,074	55.4 (54.5, 56.2)	44.6 (43.8, 45.5)
BSSL	22,305	1,410	23,715	94.1 (93.7, 94.4)	5.9 (5.6, 6.3)
BSOS	5,409	2,448	7,857	68.8 (67.8, 69.9)	31.2 (30.1, 32.2)
Total	92,696	24,395	117,091	79.2 (78.9, 79.4)	20.8 (20.6, 21.1)
50–69 years					
BSWN	44,492	16,743	61,235	72.7 (72.3, 73.0)	27.3 (27.0, 27.7)
BSCM	29,277	8,365	37,642	77.8 (77.4, 78.2)	22.2 (21.8, 22.6)
BSAL	26,143	6,895	33,038	79.1 (78.7, 79.6)	20.9 (20.4, 21.3)
BSM	43,035	16,897	59,932	71.8 (71.4, 72.2)	28.2 (27.8, 28.6)
BSCtoC	44,971	7,325	52,296	86.0 (85.7, 86.3)	14.0 (13.7, 14.3)
BSC	22,306	18,204	40,510	55.1 (54.6, 55.5)	44.9 (44.5, 45.4)
BSSL	69,971	5,962	75,933	92.1 (92.0, 92.3)	7.9 (7.7, 8.0)
BSOS	18,236	10,023	28,259	64.5 (64.0, 65.1)	35.5 (34.9, 36.0)
Total	298,431	90,414	388,845	76.7 (76.6, 76.9)	23.3 (23.1, 23.4)

1a.4 Age-specific coverage, women aged 45–69 years

Table 1.a.4.1: Māori and non-Māori coverage by 5-year age group, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Women screened	Eligible women	% screened (95% CI)	Women screened	Eligible women	% screened (95% CI)	
45–49 years							
BSWN	2,121	3,380	62.8(61.1, 64.4)	16,824	24,210	69.5(68.9, 70.1)	0.90(0.88, 0.93)
BSCM	1,658	2,480	66.9(65.0, 68.7)	11,800	15,700	75.2(74.5, 75.8)	0.89(0.86, 0.92)
BSAL	755	1,190	63.4(60.6, 66.2)	10,978	15,360	71.5(70.7, 72.2)	0.89(0.85, 0.93)
BSM	2,989	5,220	57.3(55.9, 58.6)	13,318	19,260	69.1(68.5, 69.8)	0.83(0.81, 0.85)
BSCtoC	2,334	3,940	59.2(57.7, 60.8)	10,668	15,085	70.7(70.0, 71.4)	0.84(0.81, 0.86)
BSC	1,222	1,950	62.7(60.5, 64.8)	10,852	15,915	68.2(67.5, 68.9)	0.92(0.89, 0.95)
BSSL	1,569	1,980	79.2(77.4, 81.0)	22,146	25,515	86.8(86.4, 87.2)	0.91(0.89, 0.93)
BSOS	563	880	64.0(60.7, 67.2)	7,294	9,840	74.1(73.2, 75.0)	0.86(0.82, 0.91)
Total	13,211	21,020	62.8(62.2, 63.5)	103,880	140,885	73.7(73.5, 74.0)	0.85(0.84, 0.86)
50–54 years							
BSWN	2,138	3,460	61.8(60.1, 63.4)	16,107	23,430	68.7(68.1, 69.3)	0.90(0.87, 0.92)
BSCM	1,430	2,170	65.9(63.9, 67.9)	10,473	14,930	70.1(69.4, 70.9)	0.94(0.91, 0.97)
BSAL	751	1,210	62.1(59.3, 64.8)	10,094	14,320	70.5(69.7, 71.2)	0.88(0.84, 0.92)
BSM	2,939	5,200	56.5(55.2, 57.9)	13,669	20,180	67.7(67.1, 68.4)	0.83(0.81, 0.86)
BSCtoC	2,466	3,830	64.4(62.8, 65.9)	12,273	16,755	73.2(72.6, 73.9)	0.88(0.86, 0.90)
BSC	1,218	1,830	66.6(64.3, 68.7)	11,188	15,775	70.9(70.2, 71.6)	0.94(0.91, 0.97)
BSSL	1,340	1,790	74.9(72.8, 76.9)	20,914	26,565	78.7(78.2, 79.2)	0.95(0.93, 0.98)
BSOS	502	760	66.1(62.6, 69.4)	7,954	10,710	74.3(73.4, 75.1)	0.89(0.84, 0.94)
Total	12,784	20,250	63.1(62.5, 63.8)	102,672	142,665	72.0(71.7, 72.2)	0.88(0.87, 0.89)
55–59 years							
BSWN	1,710	2,660	64.3(62.4, 66.1)	14,188	20,510	69.2(68.5, 69.8)	0.93(0.90, 0.96)
BSCM	1,149	1,630	70.5(68.2, 72.7)	8,979	12,480	71.9(71.1, 72.7)	0.98(0.95, 1.01)
BSAL	564	900	62.7(59.4, 65.8)	8,448	12,350	68.4(67.6, 69.2)	0.92(0.87, 0.96)
BSM	2,540	4,200	60.5(59.0, 62.0)	12,701	18,650	68.1(67.4, 68.8)	0.89(0.86, 0.91)
BSCtoC	1,958	2,980	65.7(64.0, 67.4)	11,632	15,445	75.3(74.6, 76.0)	0.87(0.85, 0.90)
BSC	930	1,400	66.4(63.9, 68.9)	9,418	13,240	71.1(70.4, 71.9)	0.93(0.90, 0.97)
BSSL	979	1,280	76.5(74.1, 78.8)	18,890	23,730	79.6(79.1, 80.1)	0.96(0.93, 0.99)
BSOS	349	560	62.3(58.2, 66.3)	7,134	9,560	74.6(73.7, 75.5)	0.84(0.78, 0.89)
Total	10,179	15,610	65.2(64.5, 66.0)	91,390	125,965	72.6(72.3, 72.8)	0.90(0.89, 0.91)
60–64 years							
BSWN	1,355	1,960	69.1(67.0, 71.2)	13,159	18,310	71.9(71.2, 72.5)	0.96(0.93, 0.99)
BSCM	872	1,270	68.7(66.0, 71.2)	7,760	10,750	72.2(71.3, 73.0)	0.95(0.91, 0.99)
BSAL	417	680	61.3(57.5, 65.0)	6,856	10,330	66.4(65.4, 67.3)	0.92(0.87, 0.98)
BSM	1,990	3,150	63.2(61.5, 64.9)	12,479	17,370	71.8(71.2, 72.5)	0.88(0.85, 0.90)
BSCtoC	1,603	2,310	69.4(67.5, 71.3)	11,051	14,475	76.3(75.6, 77.0)	0.91(0.88, 0.94)
BSC	665	970	68.6(65.5, 71.5)	8,789	11,530	76.2(75.4, 77.0)	0.90(0.86, 0.94)
BSSL	721	980	73.6(70.7, 76.3)	16,955	21,535	78.7(78.2, 79.3)	0.93(0.90, 0.97)
BSOS	260	390	66.7(61.7, 71.3)	6,329	8,370	75.6(74.7, 76.5)	0.88(0.82, 0.95)
Total	7,883	11,710	67.3(66.5, 68.2)	83,378	112,670	74.0(73.7, 74.3)	0.91(0.90, 0.92)
65–69 years							
BSWN	951	1,380	68.9(66.4, 71.3)	11,627	16,380	71.0(70.3, 71.7)	0.97(0.94, 1.01)
BSCM	601	820	73.3(70.1, 76.3)	6,378	8,910	71.6(70.6, 72.5)	1.02(0.98, 1.07)
BSAL	285	440	64.8(60.1, 69.2)	5,623	8,150	69.0(68.0, 70.0)	0.94(0.87, 1.01)
BSM	1,379	2,160	63.8(61.8, 65.9)	12,235	16,250	75.3(74.6, 76.0)	0.85(0.82, 0.88)
BSCtoC	1,153	1,700	67.8(65.5, 70.0)	10,160	13,045	77.9(77.2, 78.6)	0.87(0.84, 0.90)
BSC	443	680	65.1(61.4, 68.7)	7,859	10,230	76.8(76.0, 77.6)	0.85(0.80, 0.90)
BSSL	562	700	80.3(77.1, 83.2)	15,572	19,105	81.5(80.9, 82.1)	0.99(0.95, 1.02)
BSOS	180	280	64.3(58.4, 69.9)	5,551	7,580	73.2(72.2, 74.2)	0.88(0.80, 0.96)
Total	5,554	8,160	68.1(67.0, 69.1)	75,005	99,650	75.3(75.0, 75.5)	0.90(0.89, 0.92)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show confidence interval excludes target of >70%. The women screened are those who were screened by the LP, and may not reside within the LP's region. * Eligible population is based on the mid-year 2014 projected population

Table 1.a.4.2: Pacific and non-Māori non-Pacific coverage by 5-year age group, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Women screened	Eligible women	% screened (95% CI)	Women screened	Eligible women	% screened (95% CI)	
45–49 years							
BSWN	1,030	1,410	73.0 (70.7, 75.4)	15,794	22,800	69.3(68.7, 69.9)	1.05(1.02, 1.09)
BSCM	2,665	3,370	79.1 (77.7, 80.4)	9,135	12,330	74.1(73.3, 74.9)	1.07(1.05, 1.09)
BSAL	1,378	1,840	74.9 (72.8, 76.9)	9,600	13,520	71.0(70.2, 71.8)	1.05(1.03, 1.09)
BSM	289	490	59.0 (54.5, 63.4)	13,029	18,770	69.4(68.7, 70.1)	0.85(0.79, 0.92)
BSCtoC	218	390	55.9 (50.8, 60.9)	10,450	14,695	71.1(70.4, 71.8)	0.79(0.72, 0.86)
BSC	666	1,100	60.5 (57.6, 63.4)	10,186	14,815	68.8(68.0, 69.5)	0.88(0.84, 0.92)
BSSL	267	400	66.8 (61.9, 71.4)	21,879	25,115	87.1(86.7, 87.5)	0.77(0.71, 0.82)
BSOS	84	130	64.6 (55.8, 72.8)	7,210	9,710	74.3(73.4, 75.1)	0.87(0.77, 0.99)
Total	6,597	9,130	72.3 (71.3, 73.2)	97,283	131,755	73.8(73.6, 74.1)	0.98(0.97, 0.99)
50–54 years							
BSWN	948	1,210	78.3 (75.9, 80.6)	15,159	22,220	68.2(67.6, 68.8)	1.15(1.11, 1.18)
BSCM	2,166	2,760	78.5 (76.9, 80.0)	8,307	12,170	68.3(67.4, 69.1)	1.15(1.12, 1.18)
BSAL	1,083	1,510	71.7 (69.4, 74.0)	9,011	12,810	70.3(69.5, 71.1)	1.02(0.99, 1.05)
BSM	201	380	52.9 (47.7, 58.0)	13,468	19,800	68.0(67.4, 68.7)	0.78(0.71, 0.86)
BSCtoC	213	335	63.6 (58.2, 68.7)	12,060	16,420	73.4(72.8, 74.1)	0.87(0.80, 0.94)
BSC	619	915	67.7 (64.5, 70.7)	10,569	14,860	71.1(70.4, 71.9)	0.95(0.91, 1.00)
BSSL	222	360	61.7 (56.4, 66.7)	20,692	26,205	79.0(78.5, 79.5)	0.78(0.72, 0.85)
BSOS	70	110	63.6 (53.9, 72.6)	7,884	10,600	74.4(73.5, 75.2)	0.86(0.74, 0.99)
Total	5,522	7,580	72.8 (71.8, 73.8)	97,150	135,085	71.9(71.7, 72.2)	1.01(1.00, 1.03)
55–59 years							
BSWN	709	900	78.8 (76.0, 81.4)	13,479	19,610	68.7(68.1, 69.4)	1.15(1.11, 1.19)
BSCM	1,729	2,030	85.2 (83.6, 86.7)	7,250	10,450	69.4(68.5, 70.3)	1.23(1.20, 1.26)
BSAL	898	1,220	73.6 (71.0, 76.1)	7,550	11,130	67.8(67.0, 68.7)	1.09(1.05, 1.12)
BSM	205	310	66.1 (60.6, 71.4)	12,496	18,340	68.1(67.5, 68.8)	0.97(0.90, 1.05)
BSCtoC	179	250	71.6 (65.6, 77.1)	11,453	15,195	75.4(74.7, 76.1)	0.95(0.88, 1.03)
BSC	493	735	67.1 (63.5, 70.5)	8,925	12,505	71.4(70.6, 72.2)	0.94(0.89, 0.99)
BSSL	158	240	65.8 (59.5, 71.8)	18,732	23,490	79.7(79.2, 80.3)	0.83(0.75, 0.90)
BSOS	51	70	72.9 (60.9, 82.8)	7,083	9,490	74.6(73.7, 75.5)	0.98(0.85, 1.13)
Total	4,422	5,755	76.8 (75.7, 77.9)	86,968	120,210	72.3(72.1, 72.6)	1.06(1.05, 1.08)
60–64 years							
BSWN	616	730	84.4 (81.5, 86.9)	12,543	17,580	71.3(70.7, 72.0)	1.18(1.14, 1.22)
BSCM	1,363	1,660	82.1 (80.2, 83.9)	6,397	9,090	70.4(69.4, 71.3)	1.17(1.14, 1.20)
BSAL	697	980	71.1 (68.2, 73.9)	6,159	9,350	65.9(64.9, 66.8)	1.08(1.03, 1.13)
BSM	151	240	62.9 (56.5, 69.0)	12,328	17,130	72.0(71.3, 72.6)	0.87(0.79, 0.96)
BSCtoC	124	180	68.9 (61.6, 75.6)	10,927	14,295	76.4(75.7, 77.1)	0.90(0.82, 0.99)
BSC	428	645	66.4 (62.6, 70.0)	8,361	10,885	76.8(76.0, 77.6)	0.86(0.82, 0.91)
BSSL	127	180	70.6 (63.3, 77.1)	16,828	21,355	78.8(78.2, 79.3)	0.90(0.81, 0.98)
BSOS	25	50	50.0 (35.5, 64.5)	6,304	8,320	75.8(74.8, 76.7)	0.66(0.50, 0.87)
Total	3,531	4,665	75.7 (74.4, 76.9)	79,847	108,005	73.9(73.7, 74.2)	1.02(1.01, 1.04)
65–69 years							
BSWN	416	510	81.6 (77.9, 84.8)	11,211	15,870	70.6(69.9, 71.4)	1.15(1.11, 1.20)
BSCM	996	1,260	79.0 (76.7, 81.3)	5,382	7,650	70.4(69.3, 71.4)	1.12(1.09, 1.16)
BSAL	459	680	67.5 (63.8, 71.0)	5,164	7,470	69.1(68.1, 70.2)	0.98(0.92, 1.03)
BSM	111	180	61.7 (54.1, 68.8)	12,124	16,070	75.4(74.8, 76.1)	0.82(0.73, 0.92)
BSCtoC	93	135	68.9 (60.4, 76.6)	10,067	12,910	78.0(77.3, 78.7)	0.88(0.79, 0.99)
BSC	307	465	66.0 (61.5, 70.3)	7,552	9,765	77.3(76.5, 78.2)	0.85(0.80, 0.91)
BSSL	88	140	62.9 (54.3, 70.9)	15,484	18,965	81.6(81.1, 82.2)	0.77(0.68, 0.87)
BSOS	22	40	55.0 (38.5, 70.7)	5,529	7,540	73.3(72.3, 74.3)	0.75(0.57, 0.99)
Total	2,492	3,410	73.1 (71.6, 74.6)	72,513	96,240	75.3(75.1, 75.6)	0.97(0.95, 0.99)

Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show confidence interval excludes target of >70%. The women screened are those who were screened by the LP, and may not reside within the LP's region. * Eligible population is based on the mid-year 2014 projected population

Table 1.a.4.3: Total coverage by 5-year age group, 2 years (July 2013 to June 2015)

Lead Provider	Number screened in last 2 years	Eligible population*	% coverage in last 2 years (95% CI)
45–49 years			
BSWN	18,945	27,590	68.7 (68.1, 69.2)
BSCM	13,458	18,180	74.0 (73.4, 74.7)
BSAL	11,733	16,550	70.9 (70.2, 71.6)
BSM	16,307	24,480	66.6 (66.0, 67.2)
BSCtoC	13,002	19,025	68.3 (67.7, 69.0)
BSC	12,074	17,865	67.6 (66.9, 68.3)
BSSL	23,715	27,495	86.3 (85.8, 86.7)
BSOS	7,857	10,720	73.3 (72.4, 74.1)
Total	117,091	161,905	72.3 (72.1, 72.5)
50–54 years			
BSWN	18,245	26,890	67.9 (67.3, 68.4)
BSCM	11,903	17,100	69.6 (68.9, 70.3)
BSAL	10,845	15,530	69.8 (69.1, 70.6)
BSM	16,608	25,380	65.4 (64.8, 66.0)
BSCtoC	14,739	20,585	71.6 (71.0, 72.2)
BSC	12,406	17,605	70.5 (69.8, 71.1)
BSSL	22,254	28,355	78.5 (78.0, 79.0)
BSOS	8,456	11,470	73.7 (72.9, 74.5)
Total	115,456	162,915	70.9 (70.6, 71.1)
55–59 years			
BSWN	15,898	23,170	68.6 (68.0, 69.2)
BSCM	10,128	14,110	71.8 (71.0, 72.5)
BSAL	9,012	13,250	68.0 (67.2, 68.8)
BSM	15,241	22,850	66.7 (66.1, 67.3)
BSCtoC	13,590	18,425	73.8 (73.1, 74.4)
BSC	10,348	14,640	70.7 (69.9, 71.4)
BSSL	19,869	25,010	79.4 (78.9, 79.9)
BSOS	7,483	10,120	73.9 (73.1, 74.8)
Total	101,569	141,575	71.7 (71.5, 72.0)
60–64 years			
BSWN	14,514	20,270	71.6 (71.0, 72.2)
BSCM	8,632	12,020	71.8 (71.0, 72.6)
BSAL	7,273	11,010	66.1 (65.2, 66.9)
BSM	14,469	20,520	70.5 (69.9, 71.1)
BSCtoC	12,654	16,785	75.4 (74.7, 76.0)
BSC	9,454	12,500	75.6 (74.9, 76.4)
BSSL	17,676	22,515	78.5 (78.0, 79.0)
BSOS	6,589	8,760	75.2 (74.3, 76.1)
Total	91,261	124,380	73.4 (73.1, 73.6)
65–69 years			
BSWN	12,578	17,760	70.8 (70.1, 71.5)
BSCM	6,979	9,730	71.7 (70.8, 72.6)
BSAL	5,908	8,590	68.8 (67.8, 69.8)
BSM	13,614	18,410	73.9 (73.3, 74.6)
BSCtoC	11,313	14,745	76.7 (76.0, 77.4)
BSC	8,302	10,910	76.1 (75.3, 76.9)
BSSL	16,134	19,805	81.5 (80.9, 82.0)
BSOS	5,731	7,860	72.9 (71.9, 73.9)
Total	80,559	107,810	74.7 (74.5, 75.0)

Shaded boxes show confidence interval excludes target of >70%. The women screened are those who were screened by the LP, and may not reside within the LP's region.

* Eligible population is based on the mid-year 2014 projected population

1.b.3 Routine re-screening

Description: The proportion of enrolled eligible women who are re-screened. This measures the acceptability of the programme.

Target for women aged 50–69 years:

≥85% of women who are eligible for rescreen are rescreened within 20–27 months

Table 1.b.3.1: Percentage of Māori and non-Māori women aged 45–49 years eligible for rescreening who were rescreened within 20–27 months, 2 years (previous screen during July 2011–June 2013)

Lead Provider	Māori			Non-Māori			Māori/non-Māori ratios (95% CI)
	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)	
45–49 years							
Previous screen was initial							
BSWN	672	1,064	63.2(60.2, 66.1)	5,966	8,360	71.4 (70.4, 72.3)	0.89 (0.84, 0.93)
BSCM	550	930	59.1(55.9, 62.3)	4,198	5,762	72.9 (71.7, 74.0)	0.81 (0.77, 0.86)
BSAL	264	369	71.5(66.6, 76.1)	4,085	5,082	80.4 (79.3, 81.5)	0.89 (0.83, 0.95)
BSM	980	1,593	61.5(59.1, 63.9)	4,177	6,423	65.0 (63.9, 66.2)	0.95 (0.91, 0.99)
BSCtoC	931	1,231	75.6(73.1, 78.0)	4,256	4,834	88.0 (87.1, 88.9)	0.86 (0.83, 0.89)
BSC	434	579	75.0(71.2, 78.4)	4,208	5,162	81.5 (80.4, 82.6)	0.92 (0.88, 0.97)
BSSL	550	696	79.0(75.8, 82.0)	8,274	9,524	86.9 (86.2, 87.5)	0.91 (0.87, 0.95)
BSOS	206	259	79.5(74.1, 84.3)	2,889	3,355	86.1 (84.9, 87.3)	0.92 (0.87, 0.98)
Total	4,587	6,721	68.2(67.1, 69.4)	38,053	48,502	78.5 (78.1, 78.8)	0.87 (0.86, 0.88)
Previous screen was subsequent							
BSWN	986	1,274	77.4(75.0, 79.7)	7,158	8,964	79.9 (79.0, 80.7)	0.97 (0.94, 1.00)
BSCM	562	784	71.7(68.4, 74.8)	4,974	5,878	84.6 (83.7, 85.5)	0.85 (0.81, 0.89)
BSAL	336	392	85.7(81.9, 89.0)	5,087	5,812	87.5 (86.6, 88.4)	0.98 (0.94, 1.02)
BSM	842	1,123	75.0(72.3, 77.5)	4,565	6,018	75.9 (74.8, 76.9)	0.99 (0.95, 1.03)
BSCtoC	967	1,136	85.1(82.9, 87.1)	5,865	6,371	92.1 (91.4, 92.7)	0.92 (0.90, 0.95)
BSC	429	559	76.7(73.0, 80.2)	4,516	5,324	84.8 (83.8, 85.8)	0.90 (0.86, 0.95)
BSSL	754	884	85.3(82.8, 87.6)	12,150	13,511	89.9 (89.4, 90.4)	0.95 (0.92, 0.98)
BSOS	209	238	87.8(83.0, 91.7)	3,140	3,546	88.6 (87.5, 89.6)	0.99 (0.94, 1.04)
Total	5,085	6,390	79.6(78.6, 80.6)	47,455	55,424	85.6 (85.3, 85.9)	0.93 (0.92, 0.94)
50–69 years							
Previous screen was initial							
BSWN	221	400	55.2(50.2, 60.2)	2,460	4,022	61.2(59.6, 62.7)	0.90 (0.82, 0.99)
BSCM	172	363	47.4(42.1, 52.7)	2,002	3,169	63.2(61.5, 64.9)	0.75 (0.67, 0.84)
BSAL	124	198	62.6(55.5, 69.4)	2,157	3,076	70.1(68.5, 71.7)	0.89 (0.80, 1.00)
BSM	590	1,124	52.5(49.5, 55.4)	1,945	3,563	54.6(52.9, 56.2)	0.96 (0.90, 1.02)
BSCtoC	465	669	69.5(65.9, 73.0)	1,805	2,118	85.2(83.6, 86.7)	0.82 (0.77, 0.86)
BSC	147	238	61.8(55.3, 68.0)	1,668	2,239	74.5(72.6, 76.3)	0.83 (0.75, 0.92)
BSSL	87	134	64.9(56.2, 73.0)	1,446	1,919	75.4(73.4, 77.3)	0.86 (0.76, 0.98)
BSOS	54	84	64.3(53.1, 74.4)	902	1,177	76.6(74.1, 79.0)	0.84 (0.71, 0.99)
Total	1,860	3,210	57.9(56.2, 59.7)	14,385	21,283	67.6(67.0, 68.2)	0.86 (0.83, 0.88)
Previous screen was subsequent							
BSWN	3,896	4,909	79.4(78.2, 80.5)	35,225	42,382	83.1(82.8, 83.5)	0.95 (0.94, 0.97)
BSCM	2,431	3,171	76.7(75.2, 78.1)	21,313	24,891	85.6(85.2, 86.1)	0.90 (0.88, 0.91)
BSAL	1,278	1,543	82.8(80.8, 84.7)	20,637	23,288	88.6(88.2, 89.0)	0.93 (0.91, 0.96)
BSM	4,481	5,747	78.0(76.9, 79.0)	29,331	37,226	78.8(78.4, 79.2)	0.99 (0.98, 1.00)
BSCtoC	4,501	5,290	85.1(84.1, 86.0)	33,895	36,448	93.0(92.7, 93.3)	0.91 (0.90, 0.93)
BSC	1,882	2,364	79.6(77.9, 81.2)	24,771	28,325	87.5(87.1, 87.8)	0.91 (0.89, 0.93)
BSSL	2,530	2,861	88.4(87.2, 89.6)	56,893	62,113	91.6(91.4, 91.8)	0.97 (0.95, 0.98)
BSOS	857	995	86.1(83.8, 88.2)	20,367	22,591	90.2(89.8, 90.5)	0.96 (0.93, 0.98)
Total	21,856	26,880	81.3(80.8, 81.8)	242,432	277,264	87.4(87.3, 87.6)	0.93 (0.92, 0.94)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show the confidence interval excludes the target value of ≥85% for women aged 50–69.

Figure 1.b.3.a: Trends in proportion of eligible women whose previous screen was an initial screen, who were rescreened within 20–27 months, Māori and non-Māori women aged 50–69 years, by Lead Provider July 2006 to June 2013

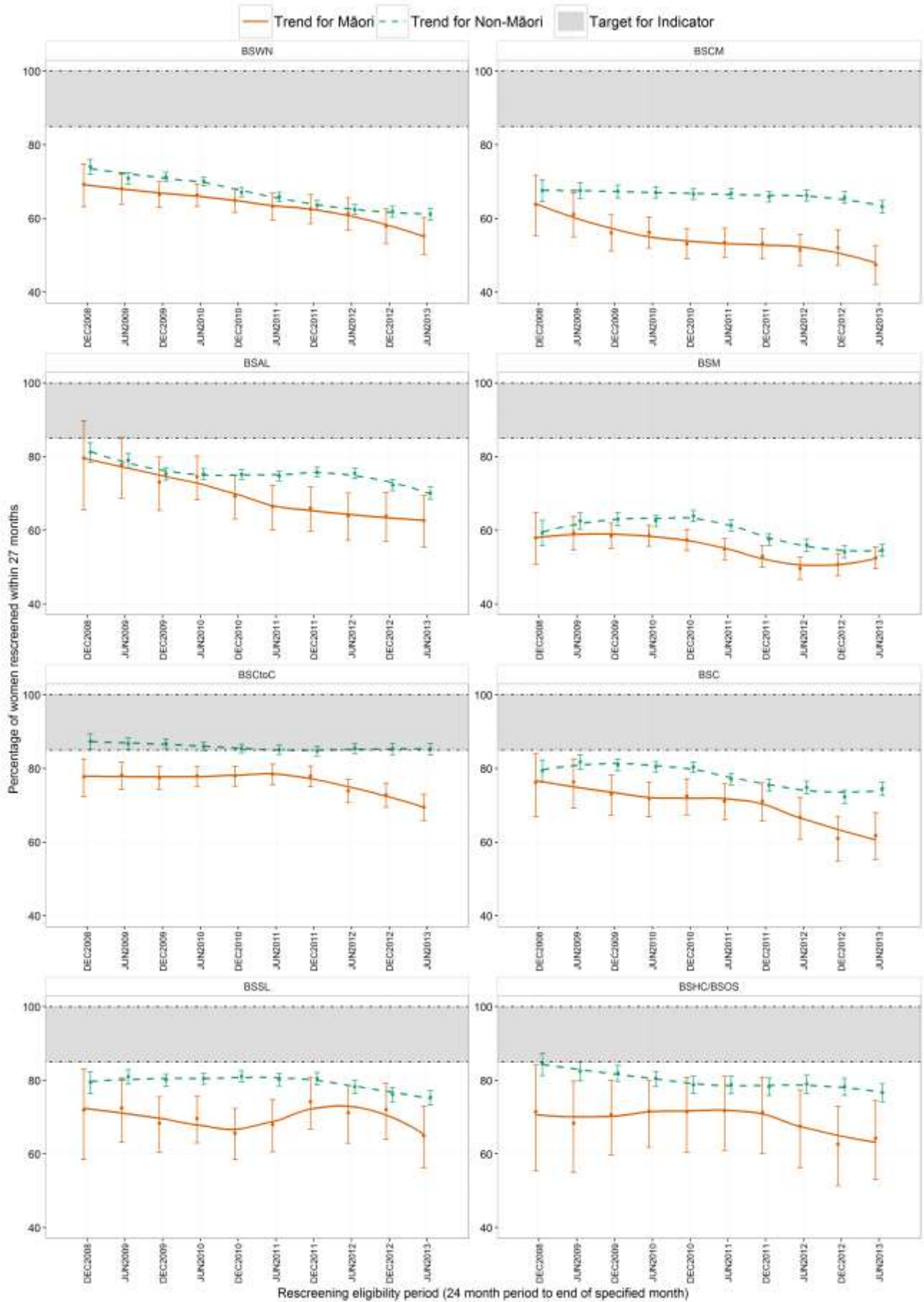


Figure 1.b.3.b: Trends in proportion of eligible women whose previous screen was a subsequent screen, who were rescreened within 20–27 months, Māori and non-Māori women aged 50–69 years, by Lead Provider July 2006 to June 2013

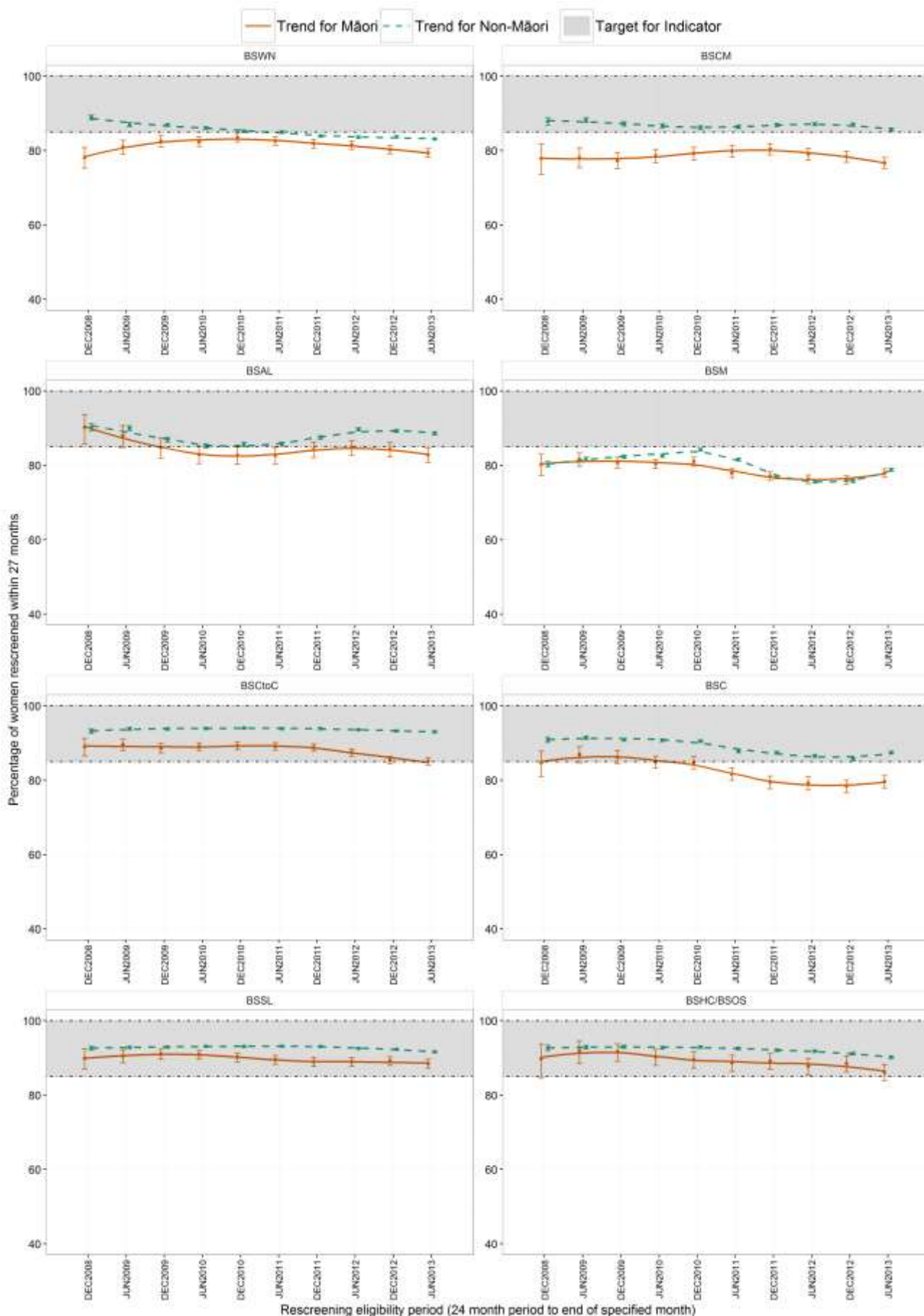


Table 1.b.3.2: Percentage of Pacific and non-Māori non-Pacific women eligible for rescreening who were rescreened within 20–27 months, 2 years (previous screen during July 2011–June 2013)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratios (95% CI)
	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)	
45–49 years							
Previous screen was initial							
BSWN	339	527	64.3(60.1, 68.4)	5,627	7,833	71.8 (70.8, 72.8)	0.90(0.84, 0.96)
BSCM	886	1,415	62.6(60.0, 65.1)	3,312	4,347	76.2 (74.9, 77.5)	0.82(0.79, 0.86)
BSAL	498	731	68.1(64.6, 71.5)	3,587	4,351	82.4 (81.3, 83.6)	0.83(0.78, 0.87)
BSM	60	117	51.3(41.9, 60.6)	4,117	6,306	65.3 (64.1, 66.5)	0.79(0.66, 0.94)
BSCtoC	92	125	73.6(65.0, 81.1)	4,164	4,709	88.4 (87.5, 89.3)	0.83(0.75, 0.92)
BSC	199	317	62.8(57.2, 68.1)	4,009	4,845	82.7 (81.7, 83.8)	0.76(0.70, 0.83)
BSSL	110	142	77.5(69.7, 84.0)	8,164	9,382	87.0 (86.3, 87.7)	0.89(0.81, 0.97)
BSOS	34	43	79.1(64.0, 90.0)	2,855	3,312	86.2 (85.0, 87.4)	0.92(0.79, 1.07)
Total	2,218	3,417	64.9(63.3, 66.5)	35,835	45,085	79.5 (79.1, 79.9)	0.82(0.80, 0.84)
Previous screen was subsequent							
BSWN	415	576	72.0(68.2, 75.7)	6,743	8,388	80.4 (79.5, 81.2)	0.90(0.85, 0.94)
BSCM	911	1,155	78.9(76.4, 81.2)	4,063	4,723	86.0 (85.0, 87.0)	0.92(0.89, 0.95)
BSAL	558	678	82.3(79.2, 85.1)	4,529	5,134	88.2 (87.3, 89.1)	0.93(0.90, 0.97)
BSM	60	84	71.4(60.5, 80.8)	4,505	5,934	75.9 (74.8, 77.0)	0.94(0.82, 1.08)
BSCtoC	74	89	83.1(73.7, 90.2)	5,791	6,282	92.2 (91.5, 92.8)	0.90(0.82, 0.99)
BSC	221	287	77.0(71.7, 81.7)	4,295	5,037	85.3 (84.3, 86.2)	0.90(0.85, 0.96)
BSSL	94	119	79.0(70.6, 85.9)	12,056	13,392	90.0 (89.5, 90.5)	0.88(0.80, 0.96)
BSOS	23	26	88.5(69.8, 97.6)	3,117	3,520	88.6 (87.5, 89.6)	1.00(0.87, 1.15)
Total	2,356	3,014	78.2(76.7, 79.6)	45,099	52,410	86.1 (85.8, 86.3)	0.91(0.89, 0.93)
50–69 years							
Previous screen was initial							
BSWN	143	258	55.4 (49.1, 61.6)	2,317	3,764	61.6(60.0, 63.1)	0.90 (0.80, 1.01)
BSCM	391	742	52.7 (49.0, 56.3)	1,611	2,427	66.4(64.5, 68.3)	0.79 (0.74, 0.85)
BSAL	187	345	54.2 (48.8, 59.5)	1,970	2,731	72.1 (70.4, 73.8)	0.75 (0.68, 0.83)
BSM	35	73	47.9 (36.1, 60.0)	1,910	3,490	54.7(53.1, 56.4)	0.88 (0.69, 1.11)
BSCtoC	45	62	72.6 (59.8, 83.1)	1,760	2,056	85.6(84.0, 87.1)	0.85 (0.73, 0.99)
BSC	98	192	51.0 (43.7, 58.3)	1,570	2,047	76.7(74.8, 78.5)	0.67 (0.58, 0.77)
BSSL	27	45	60.0 (44.3, 74.3)	1,419	1,874	75.7(73.7, 77.6)	0.79 (0.62, 1.01)
BSOS	12	19	63.2 (38.4, 83.7)	890	1,158	76.9(74.3, 79.3)	0.82 (0.58, 1.16)
Total	938	1,736	54.0 (51.7, 56.4)	13,447	19,547	68.8(68.1, 69.4)	0.79 (0.75, 0.82)
Previous screen was subsequent							
BSWN	1,616	2,096	77.1 (75.2, 78.9)	33,609	40,286	83.4(83.1, 83.8)	0.92 (0.90, 0.95)
BSCM	3,480	4,499	77.4 (76.1, 78.6)	17,833	20,392	87.5(87.0, 87.9)	0.88 (0.87, 0.90)
BSAL	2,028	2,421	83.8 (82.2, 85.2)	18,609	20,867	89.2(88.7, 89.6)	0.94 (0.92, 0.96)
BSM	323	425	76.0 (71.6, 80.0)	29,008	36,801	78.8(78.4, 79.2)	0.96 (0.91, 1.02)
BSCtoC	366	440	83.2 (79.4, 86.6)	33,529	36,008	93.1(92.8, 93.4)	0.89 (0.86, 0.93)
BSC	979	1,317	74.3 (71.9, 76.7)	23,792	27,008	88.1(87.7, 88.5)	0.84 (0.82, 0.87)
BSSL	398	458	86.9 (83.5, 89.9)	56,495	61,655	91.6(91.4, 91.8)	0.95 (0.92, 0.98)
BSOS	100	121	82.6 (74.7, 88.9)	20,267	22,470	90.2(89.8, 90.6)	0.92 (0.84, 0.99)
Total	9,290	11,777	78.9 (78.1, 79.6)	233,142	265,487	87.8(87.7, 87.9)	0.90 (0.89, 0.91)

Ratios below one are unfavourable to Pacific. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show the confidence interval excludes the target value of $\geq 85\%$ for women aged 50–69 years.

Table 1.b.3.3: Percentage of total women aged 45–49 years and 50–69 years eligible for rescreening who were rescreened within 20–27 months, 2 years (previous screen during July 2011–June 2013)

Lead Provider	45–49 years			50–69 years		
	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)	Women rescreened within 20–27 months of previous screen	Number of women eligible for re-screen	% of eligible women rescreened within 20–27 months (95% CI)
Previous screen was initial						
BSWN	6,638	9,424	70.4 (69.5, 71.4)	2,681	4,422	60.6 (59.2, 62.1)
BSCM	4,748	6,692	71.0 (69.8, 72.0)	2,174	3,532	61.6 (59.9, 63.2)
BSAL	4,349	5,451	79.8 (78.7, 80.8)	2,281	3,274	69.7 (68.1, 71.2)
BSM	5,157	8,016	64.3 (63.3, 65.4)	2,535	4,687	54.1 (52.6, 55.5)
BSCtoC	5,187	6,065	85.5 (84.6, 86.4)	2,270	2,787	81.4 (80.0, 82.9)
BSC	4,642	5,741	80.9 (79.8, 81.9)	1,815	2,477	73.3 (71.5, 75.0)
BSSL	8,824	10,220	86.3 (85.7, 87.0)	1,533	2,053	74.7 (72.7, 76.5)
BSOS	3,095	3,614	85.6 (84.5, 86.8)	956	1,261	75.8 (73.4, 78.2)
Total	42,640	55,223	77.2 (76.9, 77.6)	16,245	24,493	66.3 (65.7, 66.9)
Previous screen was subsequent						
BSWN	8,144	10,238	79.5 (78.8, 80.3)	39,121	47,291	82.7 (82.4, 83.1)
BSCM	5,536	6,662	83.1 (82.2, 84.0)	23,744	28,062	84.6 (84.2, 85.0)
BSAL	5,423	6,204	87.4 (86.6, 88.2)	21,915	24,831	88.3 (87.8, 88.7)
BSM	5,407	7,141	75.7 (74.7, 76.7)	33,812	42,973	78.7 (78.3, 79.1)
BSCtoC	6,832	7,507	91.0 (90.3, 91.6)	38,396	41,738	92.0 (91.7, 92.3)
BSC	4,945	5,883	84.1 (83.1, 85.0)	26,653	30,689	86.8 (86.5, 87.2)
BSSL	12,904	14,395	89.6 (89.1, 90.1)	59,423	64,974	91.5 (91.2, 91.7)
BSOS	3,349	3,784	88.5 (87.4, 89.5)	21,224	23,586	90.0 (89.6, 90.4)
Total	52,540	61,814	85.0 (84.7, 85.3)	264,288	304,144	86.9 (86.8, 87.0)

Shaded boxes show the confidence interval excludes the target value of $\geq 85\%$.

Figure 1.b.3.c: Trends in proportion of eligible women whose previous screen was an initial screen, who were rescreened within 20–27 months, total women aged 50–69 years, by Lead Provider July 2006–June 2013

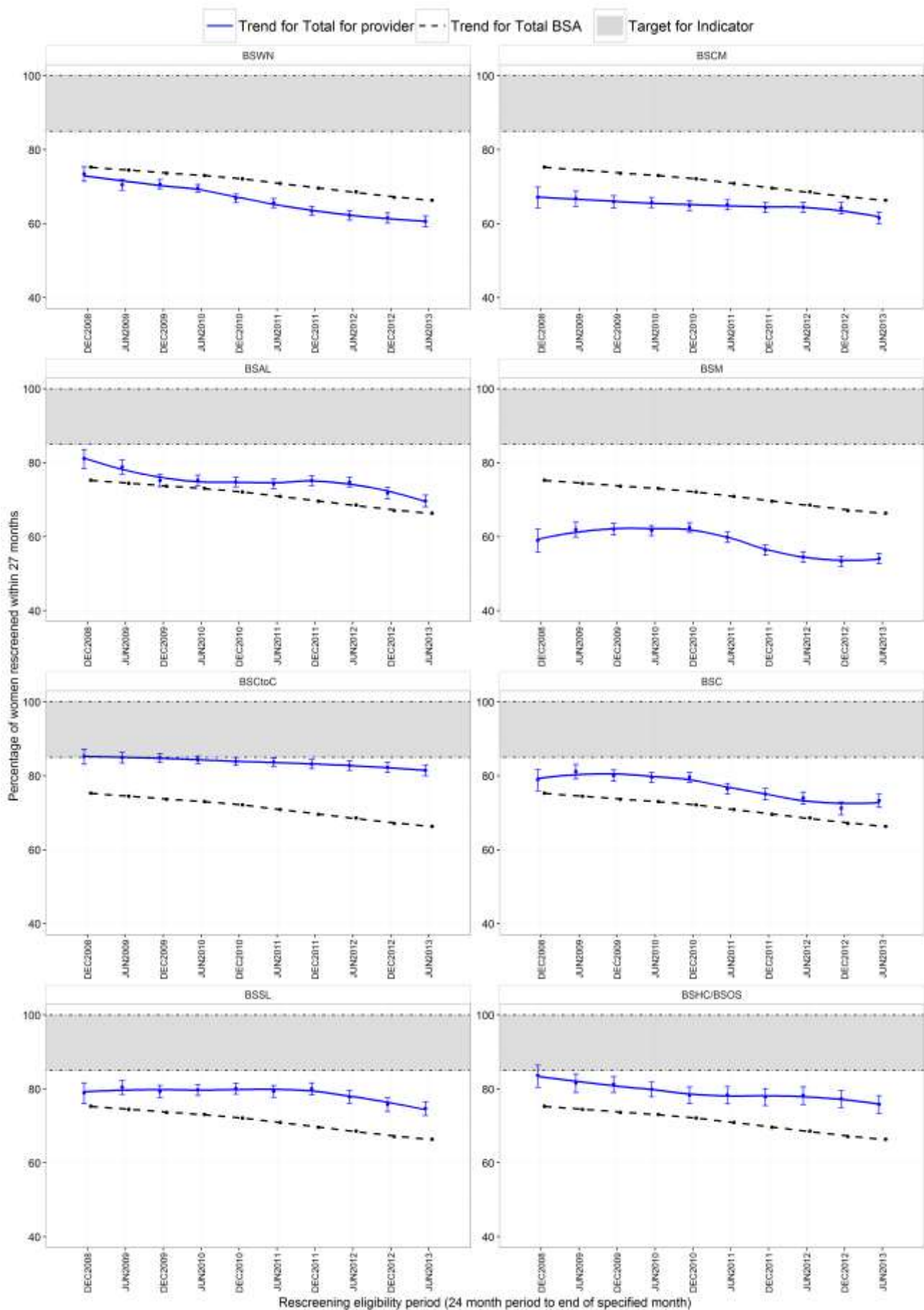
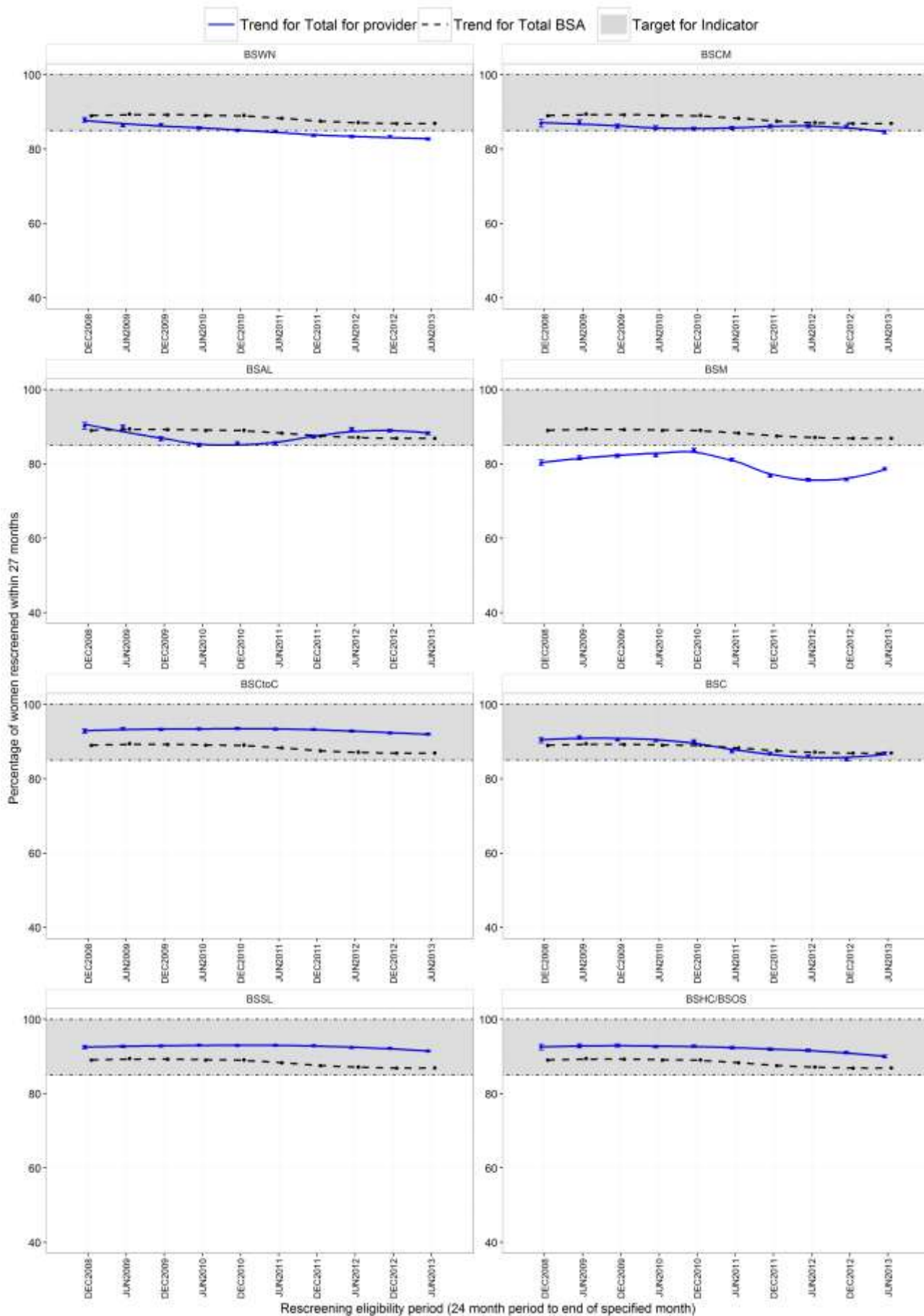


Figure 1.b.3.d: Trends in proportion of eligible women whose previous screen was a subsequent screen, who were rescreened within 20–27 months, total women aged 50–69 years, by Lead Provider and all BSA, July 2006 to June 2013



SECTION 2: PROVISION OF HIGH QUALITY SCREENING AND ASSESSMENT

2a Screened women who have no more than four images taken

Description: The percentage of women screened who have no more than four images taken.

Target for women aged 50–69 years: >80% of women screened have four or less images taken.

Table 2.a.1: Percentage of Māori and non-Māori women aged 45–49 and 50–69 years having 4 images or fewer by type of screening unit, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)	
45–49 years							
Fixed site							
BSWN	1,099	1,272	86.4(84.4, 88.2)	11,822	13,016	90.8(90.3, 91.3)	0.95(0.93, 0.97)
BSCM	1,058	1,309	80.8(78.6, 82.9)	8,150	9,622	84.7(84.0, 85.4)	0.95(0.93, 0.98)
BSAL	399	520	76.7(72.9, 80.3)	7,202	8,757	82.2(81.4, 83.0)	0.93(0.89, 0.98)
BSM	1,739	2,160	80.5(78.8, 82.2)	8,886	10,222	86.9(86.3, 87.6)	0.93(0.91, 0.95)
BSCtoC	1,479	1,868	79.2(77.3, 81.0)	8,342	9,553	87.3(86.6, 88.0)	0.91(0.88, 0.93)
BSC	551	667	82.6(79.5, 85.4)	5,282	6,016	87.8(86.9, 88.6)	0.94(0.91, 0.98)
BSSL	1,226	1,446	84.8(82.8, 86.6)	18,362	20,859	88.0(87.6, 88.5)	0.96(0.94, 0.98)
BSOS	341	398	85.7(81.8, 89.0)	4,412	5,011	88.0(87.1, 88.9)	0.97(0.93, 1.01)
Total	7,892	9,640	81.9(81.1, 82.6)	72,458	83,056	87.2(87.0, 87.5)	0.94(0.93, 0.95)
Mobile unit							
BSWN	744	849	87.6(85.2, 89.8)	3,470	3,808	91.1(90.2, 92.0)	0.96(0.94, 0.99)
BSCM	278	349	79.7(75.0, 83.8)	1,854	2,178	85.1(83.6, 86.6)	0.94(0.88, 0.99)
BSAL	179	235	76.2(70.2, 81.5)	1,726	2,221	77.7(75.9, 79.4)	0.98(0.91, 1.06)
BSM	579	829	69.8(66.6, 73.0)	2,514	3,096	81.2(79.8, 82.6)	0.86(0.82, 0.90)
BSCtoC	306	466	65.7(61.2, 70.0)	895	1,115	80.3(77.8, 82.6)	0.82(0.76, 0.88)
BSC	467	555	84.1(80.8, 87.1)	4,308	4,836	89.1(88.2, 89.9)	0.94(0.91, 0.98)
BSSL	97	123	78.9(70.6, 85.7)	1,105	1,287	85.9(83.8, 87.7)	0.92(0.84, 1.01)
BSOS	135	165	81.8(75.1, 87.4)	1,882	2,283	82.4(80.8, 84.0)	0.99(0.92, 1.07)
Total	2,785	3,571	78.0(76.6, 79.3)	17,754	20,824	85.3(84.8, 85.7)	0.91(0.90, 0.93)
50–69 years							
Fixed site							
BSWN	2,976	3,453	86.2 (85.0, 87.3)	37,329	41,039	91.0(90.7, 91.2)	0.95(0.93, 0.96)
BSCM	2,317	3,005	77.1 (75.6, 78.6)	21,878	26,272	83.3(82.8, 83.7)	0.93(0.91, 0.94)
BSAL	955	1,326	72.0 (69.5, 74.4)	20,453	24,817	82.4(81.9, 82.9)	0.87(0.84, 0.90)
BSM	4,624	6,067	76.2 (75.1, 77.3)	31,748	36,968	85.9(85.5, 86.2)	0.89(0.87, 0.90)
BSCtoC	4,257	5,497	77.4 (76.3, 78.5)	34,016	39,474	86.2(85.8, 86.5)	0.90(0.89, 0.91)
BSC	1,448	1,837	78.8 (76.9, 80.7)	17,683	20,469	86.4(85.9, 86.9)	0.91(0.89, 0.93)
BSSL	2,715	3,201	84.8 (83.5, 86.0)	58,675	66,770	87.9(87.6, 88.1)	0.97(0.95, 0.98)
BSOS	742	885	83.8 (81.2, 86.2)	15,044	17,351	86.7(86.2, 87.2)	0.97(0.94, 1.00)
Total	20,034	25,271	79.3 (78.8, 79.8)	236,826	273,160	86.7(86.6, 86.8)	0.91(0.91, 0.92)
Mobile unit							
BSWN	2,320	2,701	85.9 (84.5, 87.2)	12,661	14,042	90.2(89.7, 90.7)	0.95(0.94, 0.97)
BSCM	816	1,047	77.9 (75.3, 80.4)	6,273	7,318	85.7(84.9, 86.5)	0.91(0.88, 0.94)
BSAL	521	691	75.4 (72.0, 78.6)	4,837	6,204	78.0(76.9, 79.0)	0.97(0.92, 1.01)
BSM	1,883	2,781	67.7 (65.9, 69.4)	11,317	14,116	80.2(79.5, 80.8)	0.84(0.82, 0.87)
BSCtoC	1,040	1,683	61.8 (59.4, 64.1)	4,392	5,642	77.8(76.7, 78.9)	0.79 (0.76, 0.83)
BSC	1,172	1,419	82.6 (80.5, 84.5)	14,917	16,785	88.9(88.4, 89.3)	0.93 (0.91, 0.95)
BSSL	307	401	76.6 (72.1, 80.6)	4,822	5,561	86.7(85.8, 87.6)	0.88 (0.84, 0.93)
BSOS	311	406	76.6 (72.2, 80.6)	7,934	9,617	82.5(81.7, 83.3)	0.93 (0.88, 0.98)
Total	8,370	11,129	75.2 (74.4, 76.0)	67,153	79,285	84.7(84.4, 84.9)	0.89 (0.88, 0.90)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show the confidence interval excludes target value of >80%.

Table 2.a.2: Percentage of Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years having 4 images or fewer by type of screening unit, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Māori/non-Māori non-Pacific ratio (95% CI)
	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)	
45–49 years							
Fixed site							
BSWN	806	936	86.1 (83.7, 88.3)	11,016	12,080	91.2 (90.7, 91.7)	0.94 (0.92, 0.97)
BSCM	1,802	2,226	81.0 (79.3, 82.6)	6,348	7,396	85.8 (85.0, 86.6)	0.94 (0.92, 0.96)
BSAL	576	826	69.7 (66.5, 72.9)	6,626	7,931	83.5 (82.7, 84.4)	0.83 (0.80, 0.87)
BSM	167	213	78.4 (72.3, 83.7)	8,719	10,009	87.1 (86.4, 87.8)	0.90 (0.84, 0.97)
BSCtoC	141	187	75.4 (68.6, 81.4)	8,201	9,366	87.6 (86.9, 88.2)	0.86 (0.79, 0.93)
BSC	250	317	78.9 (74.0, 83.2)	5,032	5,699	88.3 (87.4, 89.1)	0.89 (0.84, 0.95)
BSSL	205	250	82.0 (76.7, 86.6)	18,157	20,609	88.1 (87.7, 88.5)	0.93 (0.88, 0.99)
BSOS	46	66	69.7 (57.1, 80.4)	4,366	4,945	88.3 (87.4, 89.2)	0.79 (0.67, 0.93)
Total	3,993	5,021	79.5 (78.4, 80.6)	68,465	78,035	87.7 (87.5, 88.0)	0.91 (0.89, 0.92)
Mobile unit							
BSWN	76	94	80.9 (71.4, 88.2)	3,394	3,714	91.4 (90.4, 92.3)	0.88 (0.80, 0.98)
BSCM	342	439	77.9 (73.7, 81.7)	1,512	1,739	86.9 (85.3, 88.5)	0.90 (0.85, 0.94)
BSAL	375	552	67.9 (63.9, 71.8)	1,351	1,669	80.9 (79.0, 82.8)	0.84 (0.79, 0.89)
BSM	41	76	53.9 (42.1, 65.5)	2,473	3,020	81.9 (80.5, 83.2)	0.66 (0.53, 0.81)
BSCtoC	15	31	48.4 (30.2, 66.9)	880	1,084	81.2 (78.7, 83.5)	0.60 (0.41, 0.86)
BSC	283	349	81.1 (76.6, 85.1)	4,025	4,487	89.7 (88.8, 90.6)	0.90 (0.86, 0.95)
BSSL	12	17	70.6 (44.0, 89.7)	1,093	1,270	86.1 (84.0, 87.9)	0.82 (0.60, 1.12)
BSOS	15	18	83.3 (58.6, 96.4)	1,867	2,265	82.4 (80.8, 84.0)	1.01 (0.82, 1.24)
Total	1,159	1,576	73.5 (71.3, 75.7)	16,595	19,248	86.2 (85.7, 86.7)	0.85 (0.83, 0.88)
50–69 years							
Fixed site							
BSWN	2,100	2,463	85.3 (83.8, 86.6)	35,229	38,576	91.3 (91.0, 91.6)	0.93 (0.92, 0.95)
BSCM	3,988	5,029	79.3 (78.2, 80.4)	17,890	21,243	84.2 (83.7, 84.7)	0.94 (0.93, 0.96)
BSAL	1,226	1,755	69.9 (67.7, 72.0)	19,227	23,062	83.4 (82.9, 83.8)	0.84 (0.81, 0.86)
BSM	362	470	77.0 (72.9, 80.8)	31,386	36,498	86.0 (85.6, 86.3)	0.90 (0.85, 0.94)
BSCtoC	377	519	72.6 (68.6, 76.4)	33,639	38,955	86.4 (86.0, 86.7)	0.84 (0.80, 0.89)
BSC	674	900	74.9 (71.9, 77.7)	17,009	19,569	86.9 (86.4, 87.4)	0.86 (0.83, 0.90)
BSSL	434	547	79.3 (75.7, 82.7)	58,241	66,223	87.9 (87.7, 88.2)	0.90 (0.86, 0.94)
BSOS	106	142	74.6 (66.7, 81.6)	14,938	17,209	86.8 (86.3, 87.3)	0.86 (0.78, 0.95)
Total	9,267	11,825	78.4 (77.6, 79.1)	227,559	261,335	87.1 (86.9, 87.2)	0.90 (0.89, 0.91)
Mobile unit							
BSWN	199	226	88.1 (83.1, 92.0)	12,462	13,816	90.2 (89.7, 90.7)	0.98 (0.93, 1.02)
BSCM	956	1,225	78.0 (75.6, 80.3)	5,317	6,093	87.3 (86.4, 88.1)	0.89 (0.87, 0.92)
BSAL	933	1,382	67.5 (65.0, 70.0)	3,904	4,822	81.0 (79.8, 82.1)	0.83 (0.80, 0.87)
BSM	136	198	68.7 (61.7, 75.1)	11,181	13,918	80.3 (79.7, 81.0)	0.86 (0.78, 0.94)
BSCtoC	50	90	55.6 (44.7, 66.0)	4,342	5,552	78.2 (77.1, 79.3)	0.71 (0.59, 0.85)
BSC	730	947	77.1 (74.3, 79.7)	14,187	15,838	89.6 (89.1, 90.0)	0.86 (0.83, 0.89)
BSSL	33	48	68.8 (53.7, 81.3)	4,789	5,513	86.9 (85.9, 87.7)	0.79 (0.65, 0.96)
BSOS	18	26	69.2 (48.2, 85.7)	7,916	9,591	82.5 (81.8, 83.3)	0.84 (0.65, 1.08)
Total	3,055	4,142	73.8 (72.4, 75.1)	64,098	75,143	85.3 (85.0, 85.6)	0.86 (0.85, 0.88)

Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show confidence interval excludes target value of >80% for women aged 50–69 years.

Table 2.a.3: Percentage of total women aged 45–49 years and 50–69 years having 4 images or fewer by type of screening unit, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)	Women having 4 images or fewer	Number of women screened	% of women screened who had 4 images or fewer (95% CI)
Fixed site						
BSWN	12,921	14,288	90.4 (89.9, 90.9)	40,305	44,492	90.6(90.3, 90.9)
BSCM	9,208	10,931	84.2 (83.5, 84.9)	24,195	29,277	82.6(82.2, 83.1)
BSAL	7,601	9,277	81.9 (81.1, 82.7)	21,408	26,143	81.9(81.4, 82.4)
BSM	10,625	12,382	85.8 (85.2, 86.4)	36,372	43,035	84.5(84.2, 84.9)
BSCtoC	9,821	11,421	86.0 (85.3, 86.6)	38,273	44,971	85.1 (84.8, 85.4)
BSC	5,833	6,683	87.3 (86.5, 88.1)	19,131	22,306	85.8(85.3, 86.2)
BSSL	19,588	22,305	87.8 (87.4, 88.2)	61,390	69,971	87.7(87.5, 88.0)
BSOS	4,753	5,409	87.9 (87.0, 88.7)	15,786	18,236	86.6(86.1, 87.1)
Total	80,350	92,696	86.7 (86.5, 86.9)	256,860	298,431	86.1(85.9, 86.2)
Mobile unit						
BSWN	4,214	4,657	90.5 (89.6, 91.3)	14,981	16,743	89.5(89.0, 89.9)
BSCM	2,132	2,527	84.4 (82.9, 85.8)	7,089	8,365	84.7(84.0, 85.5)
BSAL	1,905	2,456	77.6 (75.9, 79.2)	5,358	6,895	77.7(76.7, 78.7)
BSM	3,093	3,925	78.8 (77.5, 80.1)	13,200	16,897	78.1(77.5, 78.7)
BSCtoC	1,201	1,581	76.0 (73.8, 78.1)	5,432	7,325	74.2(73.1, 75.2)
BSC	4,775	5,391	88.6 (87.7, 89.4)	16,089	18,204	88.4(87.9, 88.8)
BSSL	1,202	1,410	85.2 (83.3, 87.1)	5,129	5,962	86.0(85.1, 86.9)
BSOS	2,017	2,448	82.4 (80.8, 83.9)	8,245	10,023	82.3(81.5, 83.0)
Total	20,539	24,395	84.2 (83.7, 84.6)	75,523	90,414	83.5(83.3, 83.8)

Shaded boxes show confidence interval excludes target value of >80%.

2.b Technical recall rate

Description:

The number of women who have to return to a screening unit (either Fixed or Mobile) for further images to complete their screening episode, expressed as a percentage of the number screened.

Target for women aged 50–69 years:

Fixed <0.5%

Mobile <0.5%

Table 2.b.1: Percentage of Māori and non-Māori women aged 45–49 and 50–69 years having technical recall as a percentage of women screened, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)	
45–49 years							
Fixed site							
BSWN	1	1,272	0.1 (0.0, 0.4)	4	13,016	0.0 (0.0, 0.1)	2.56 (0.29, 22.87)
BSCM	1	1,309	0.1 (0.0, 0.4)	15	9,622	0.2 (0.1, 0.3)	0.49 (0.06, 3.71)
BSAL	2	520	0.4 (0.0, 1.4)	34	8,757	0.4 (0.3, 0.5)	0.99 (0.24, 4.11)
BSM	7	2,160	0.3 (0.1, 0.7)	28	10,222	0.3 (0.2, 0.4)	1.18 (0.52, 2.70)
BSCtoC	1	1,868	0.1 (0.0, 0.3)	3	9,553	0.0 (0.0, 0.1)	1.70 (0.18, 16.38)
BSC	8	667	1.2 (0.5, 2.3)	31	6,016	0.5 (0.4, 0.7)	2.33 (1.07, 5.04)
BSSL	1	1,446	0.1 (0.0, 0.4)	48	20,859	0.2 (0.2, 0.3)	0.30 (0.04, 2.18)
BSOS	0	398	0.0 (0.0, 0.9)	7	5,011	0.1 (0.1, 0.3)	0.00 (0.00, 8.74)
Total	21	9,640	0.2 (0.1, 0.3)	170	83,056	0.2 (0.2, 0.2)	1.06 (0.68, 1.67)
Mobile unit							
BSWN	1	849	0.1 (0.0, 0.7)	0	3,808	0.0 (0.0, 0.1)	<i>Inf (0.12, Inf)</i>
BSCM	0	349	0.0 (0.0, 1.1)	7	2,178	0.3 (0.1, 0.7)	0.00 (0.00, 4.33)
BSAL	5	235	2.1 (0.7, 4.9)	40	2,221	1.8 (1.3, 2.4)	1.18 (0.47, 2.96)
BSM	8	829	1.0 (0.4, 1.9)	19	3,096	0.6 (0.4, 1.0)	1.57 (0.69, 3.58)
BSCtoC	1	466	0.2 (0.0, 1.2)	6	1,115	0.5 (0.2, 1.2)	0.40 (0.05, 3.30)
BSC	6	555	1.1 (0.4, 2.3)	42	4,836	0.9 (0.6, 1.2)	1.24 (0.53, 2.91)
BSSL	0	123	0.0 (0.0, 3.0)	5	1,287	0.4 (0.1, 0.9)	0.00 (0.00, 11.42)
BSOS	2	165	1.2 (0.1, 4.3)	24	2,283	1.1 (0.7, 1.6)	1.15 (0.27, 4.84)
Total	23	3,571	0.6 (0.4, 1.0)	143	20,824	0.7 (0.6, 0.8)	0.94 (0.60, 1.45)
50–69 years							
Fixed site							
BSWN	3	3,453	0.1 (0.0, 0.3)	8	41,039	0.0 (0.0, 0.0)	4.46 (1.18, 16.79)
BSCM	4	3,005	0.1 (0.0, 0.3)	19	26,272	0.1 (0.0, 0.1)	1.84 (0.63, 5.41)
BSAL	1	1,326	0.1 (0.0, 0.4)	45	24,817	0.2 (0.1, 0.2)	0.42 (0.06, 3.01)
BSM	18	6,067	0.3 (0.2, 0.5)	51	36,968	0.1 (0.1, 0.2)	2.15 (1.26, 3.68)
BSCtoC	3	5,497	0.1 (0.0, 0.2)	20	39,474	0.1 (0.0, 0.1)	1.08 (0.32, 3.62)
BSC	9	1,837	0.5 (0.2, 0.9)	63	20,469	0.3 (0.2, 0.4)	1.59 (0.79, 3.20)
BSSL	7	3,201	0.2 (0.1, 0.5)	100	66,770	0.1 (0.1, 0.2)	1.46 (0.68, 3.14)
BSOS	2	885	0.2 (0.0, 0.8)	25	17,351	0.1 (0.1, 0.2)	1.57 (0.37, 6.61)
Total	47	25,271	0.2 (0.1, 0.2)	331	273,160	0.1 (0.1, 0.1)	1.53 (1.13, 2.08)
Mobile unit							
BSWN	2	2,701	0.1 (0.0, 0.3)	4	14,042	0.0 (0.0, 0.1)	2.60 (0.48, 14.18)
BSCM	1	1,047	0.1 (0.0, 0.5)	15	7,318	0.2 (0.1, 0.3)	0.47 (0.06, 3.52)
BSAL	8	691	1.2 (0.5, 2.3)	86	6,204	1.4 (1.1, 1.7)	0.84 (0.41, 1.72)
BSM	16	2,781	0.6 (0.3, 0.9)	41	14,116	0.3 (0.2, 0.4)	1.98 (1.11, 3.52)
BSCtoC	5	1,683	0.3 (0.1, 0.7)	36	5,642	0.6 (0.4, 0.9)	0.47 (0.18, 1.18)
BSC	16	1,419	1.1 (0.6, 1.8)	97	16,785	0.6 (0.5, 0.7)	1.95 (1.15, 3.30)
BSSL	2	401	0.5 (0.1, 1.8)	15	5,561	0.3 (0.2, 0.4)	1.85 (0.42, 8.06)
BSOS	1	406	0.2 (0.0, 1.4)	38	9,617	0.4 (0.3, 0.5)	0.62 (0.09, 4.53)
Total	51	11,129	0.5 (0.3, 0.6)	332	79,285	0.4 (0.4, 0.5)	1.09 (0.82, 1.47)

Ratios above one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show the confidence interval excludes the target of <0.5% for fixed sites and mobile units.

Figure 2.b.a: Trends in the percentage of Māori and non-Māori women aged 50–69 years screened in a fixed unit having technical recall, by Lead Provider, July 2008 to June 2015

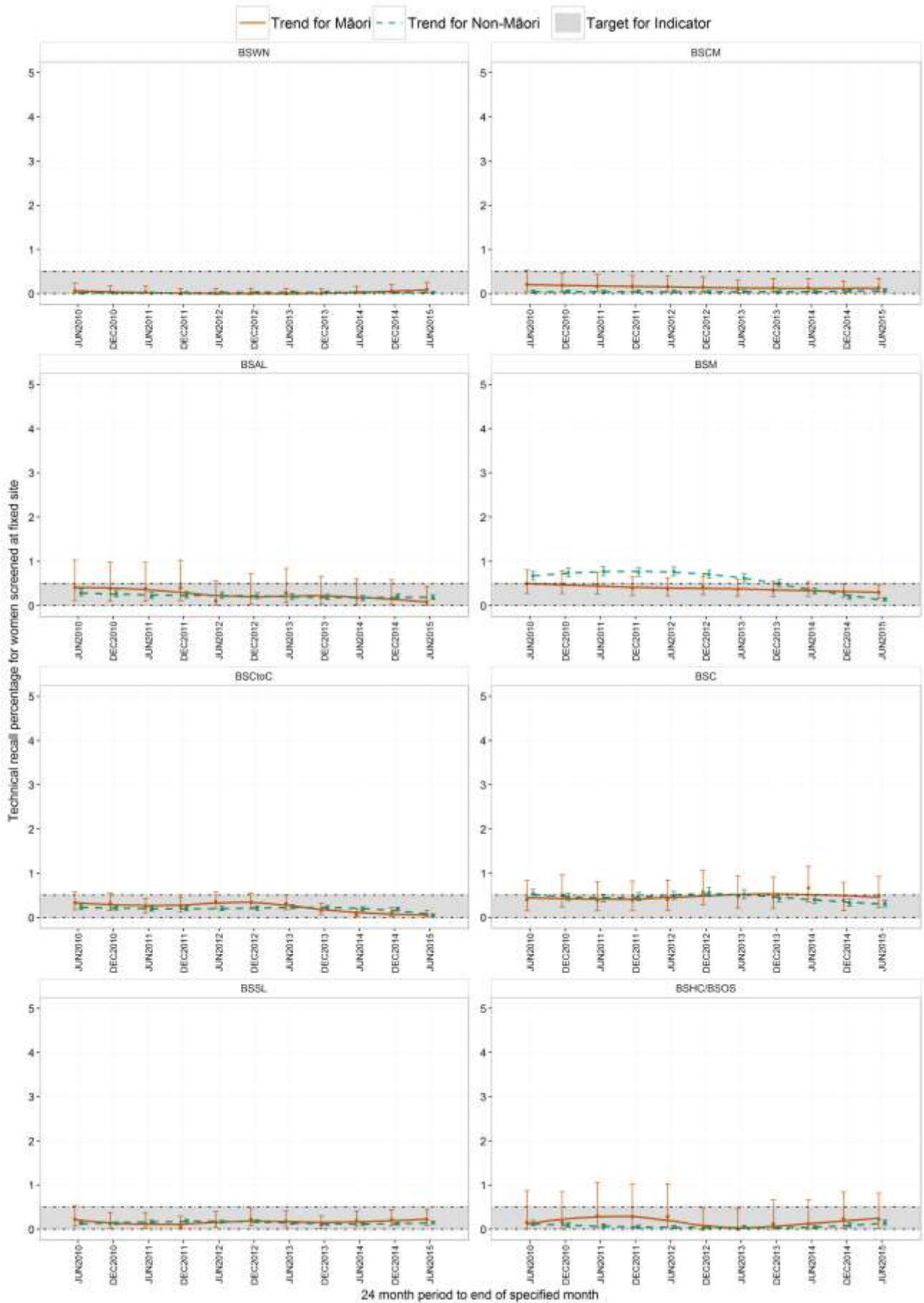


Figure 2.b.b: Trends in the percentage of Māori and non-Māori women aged 50–69 years screened in a mobile unit having technical recall, by Lead Provider, July 2008 to June 2015

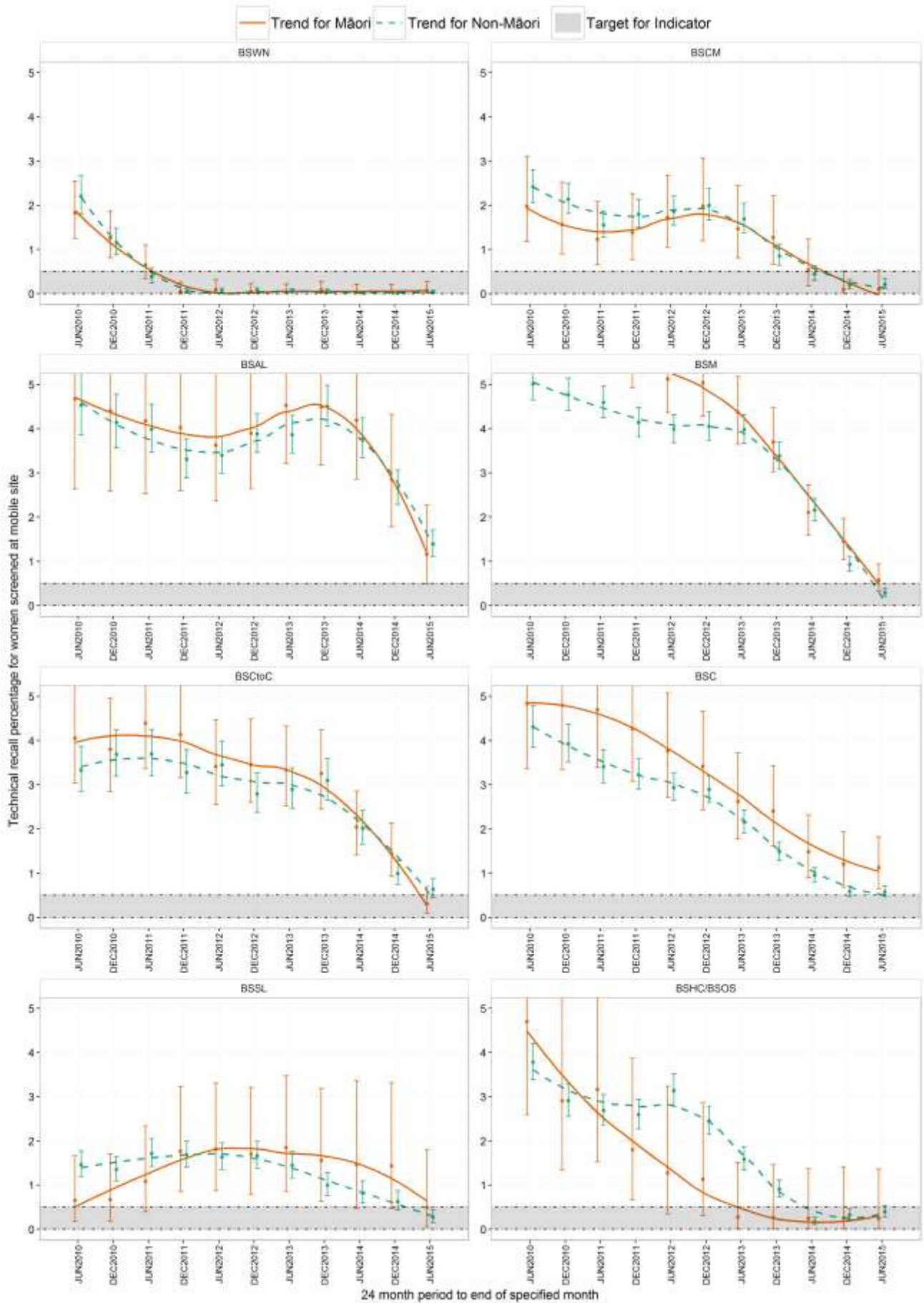


Table 2.b.2: Percentage of Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years having technical recall as a percentage of women screened, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)	
45–49 years							
Fixed site							
BSWN	0	936	0.0 (0.0, 0.4)	4	12,080	0.0 (0.0, 0.1)	0.00(0.00, 19.55)
BSCM	0	2,226	0.0 (0.0, 0.2)	15	7,396	0.2 (0.1, 0.3)	<i>0.00(0.00, 0.93)</i>
BSAL	4	826	0.5 (0.1, 1.2)	30	7,931	0.4 (0.3, 0.5)	1.28(0.45, 3.62)
BSM	1	213	0.5 (0.0, 2.6)	27	10,009	0.3 (0.2, 0.4)	1.74(0.24, 12.75)
BSCtoC	0	187	0.0 (0.0, 2.0)	3	9,366	0.0 (0.0, 0.1)	0.00(0.00, 121.20)
BSC	4	317	1.3 (0.3, 3.2)	27	5,699	0.5 (0.3, 0.7)	2.66(0.94, 7.57)
BSSL	1	250	0.4 (0.0, 2.2)	47	20,609	0.2 (0.2, 0.3)	1.75(0.24, 12.66)
BSOS	0	66	0.0 (0.0, 5.4)	7	4,945	0.1 (0.1, 0.3)	0.00(0.00, 51.98)
Total	10	5,021	0.2 (0.1, 0.4)	160	78,035	0.2 (0.2, 0.2)	0.97(0.51, 1.84)
Mobile unit							
BSWN	0	94	0.0 (0.0, 3.8)	0	3,714	0.0 (0.0, 0.1)	-
BSCM	1	439	0.2 (0.0, 1.3)	6	1,739	0.3 (0.1, 0.7)	0.66(0.08, 5.47)
BSAL	11	552	2.0 (1.0, 3.5)	29	1,669	1.7 (1.2, 2.5)	1.15(0.58, 2.28)
BSM	2	76	2.6 (0.3, 9.2)	17	3,020	0.6 (0.3, 0.9)	4.67(1.10, 19.88)
BSCtoC	1	31	3.2 (0.1, 16.7)	5	1,084	0.5 (0.1, 1.1)	6.99(0.84, 58.10)
BSC	1	349	0.3 (0.0, 1.6)	41	4,487	0.9 (0.7, 1.2)	0.31(0.04, 2.27)
BSSL	0	17	0.0 (0.0, 19.5)	5	1,270	0.4 (0.1, 0.9)	0.00(0.00, 81.52)
BSOS	0	18	0.0 (0.0, 18.5)	24	2,265	1.1 (0.7, 1.6)	0.00(0.00, 20.91)
Total	16	1,576	1.0 (0.6, 1.6)	127	19,248	0.7 (0.6, 0.8)	1.54(0.92, 2.58)
50–69 years							
Fixed site							
BSWN	1	2,463	0.0 (0.0, 0.2)	7	38,576	0.0 (0.0, 0.0)	2.24(0.28, 18.18)
BSCM	4	5,029	0.1 (0.0, 0.2)	15	21,243	0.1 (0.0, 0.1)	1.13(0.37, 3.39)
BSAL	2	1,755	0.1 (0.0, 0.4)	43	23,062	0.2 (0.1, 0.3)	0.61(0.15, 2.52)
BSM	1	470	0.2 (0.0, 1.2)	50	36,498	0.1 (0.1, 0.2)	1.55(0.21, 11.22)
BSCtoC	0	519	0.0 (0.0, 0.7)	20	38,955	0.1 (0.0, 0.1)	0.00(0.00, 15.20)
BSC	5	900	0.6 (0.2, 1.3)	58	19,569	0.3 (0.2, 0.4)	1.87(0.75, 4.66)
BSSL	1	547	0.2 (0.0, 1.0)	99	66,223	0.1 (0.1, 0.2)	1.22(0.17, 8.75)
BSOS	1	142	0.7 (0.0, 3.9)	24	17,209	0.1 (0.1, 0.2)	5.05(0.69, 37.07)
Total	15	11,825	0.1 (0.1, 0.2)	316	261,335	0.1 (0.1, 0.1)	1.05(0.63, 1.76)
Mobile unit							
BSWN	0	226	0.0 (0.0, 1.6)	4	13,816	0.0 (0.0, 0.1)	0.00(0.00, 92.61)
BSCM	1	1,225	0.1 (0.0, 0.5)	14	6,093	0.2 (0.1, 0.4)	0.36(0.05, 2.70)
BSAL	21	1,382	1.5 (0.9, 2.3)	65	4,822	1.3 (1.0, 1.7)	1.13(0.69, 1.84)
BSM	1	198	0.5 (0.0, 2.8)	40	13,918	0.3 (0.2, 0.4)	1.76(0.24, 12.72)
BSCtoC	0	90	0.0 (0.0, 4.0)	36	5,552	0.6 (0.5, 0.9)	0.00(0.00, 6.66)
BSC	5	947	0.5 (0.2, 1.2)	92	15,838	0.6 (0.5, 0.7)	0.91(0.37, 2.23)
BSSL	1	48	2.1 (0.1, 11.1)	14	5,513	0.3 (0.1, 0.4)	8.20(1.10, 61.15)
BSOS	1	26	3.8 (0.1, 19.6)	37	9,591	0.4 (0.3, 0.5)	9.97(1.42, 69.98)
Total	30	4,142	0.7 (0.5, 1.0)	302	75,143	0.4 (0.4, 0.4)	1.80(1.24, 2.62)

Ratios above one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show the confidence interval excludes target value of <0.5% for fixed and mobile units for women aged 50–69 years.

Table 2.b.3: Percentage of total women aged 45–49 years and 50–69 years having technical recall as a percentage of women screened, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)	Women having technical recall	Number of women screened	% of women screened who had technical recall (95% CI)
Fixed site						
BSWN	5	14,288	0.0 (0.0, 0.1)	11	44,492	0.0(0.0, 0.0)
BSCM	16	10,931	0.1 (0.1, 0.2)	23	29,277	0.1(0.0, 0.1)
BSAL	36	9,277	0.4 (0.3, 0.5)	46	26,143	0.2(0.1, 0.2)
BSM	35	12,382	0.3 (0.2, 0.4)	69	43,035	0.2(0.1, 0.2)
BSCtoC	4	11,421	0.0 (0.0, 0.1)	23	44,971	0.1(0.0, 0.1)
BSC	39	6,683	0.6 (0.4, 0.8)	72	22,306	0.3(0.3, 0.4)
BSSL	49	22,305	0.2 (0.2, 0.3)	107	69,971	0.2(0.1, 0.2)
BSOS	7	5,409	0.1 (0.1, 0.3)	27	18,236	0.1(0.1, 0.2)
Total	191	92,696	0.2 (0.2, 0.2)	378	298,431	0.1(0.1, 0.1)
Mobile unit						
BSWN	1	4,657	0.0 (0.0, 0.1)	6	16,743	0.0(0.0, 0.1)
BSCM	7	2,527	0.3 (0.1, 0.6)	16	8,365	0.2(0.1, 0.3)
BSAL	45	2,456	1.8 (1.3, 2.4)	94	6,895	1.4(1.1, 1.7)
BSM	27	3,925	0.7 (0.5, 1.0)	57	16,897	0.3(0.3, 0.4)
BSCtoC	7	1,581	0.4 (0.2, 0.9)	41	7,325	0.6(0.4, 0.8)
BSC	48	5,391	0.9 (0.7, 1.2)	113	18,204	0.6(0.5, 0.7)
BSSL	5	1,410	0.4 (0.1, 0.8)	17	5,962	0.3(0.2, 0.5)
BSOS	26	2,448	1.1 (0.7, 1.6)	39	10,023	0.4(0.3, 0.5)
Total	166	24,395	0.7 (0.6, 0.8)	383	90,414	0.4(0.4, 0.5)

Shaded boxes show the confidence interval excludes target value of <0.5% for fixed and mobile units.

Figure 2.b.c: Trends in the percentage of total women aged 50–69 years screened in a fixed unit having technical recall, by Lead Provider and all BSA, July 2008 to June 2015

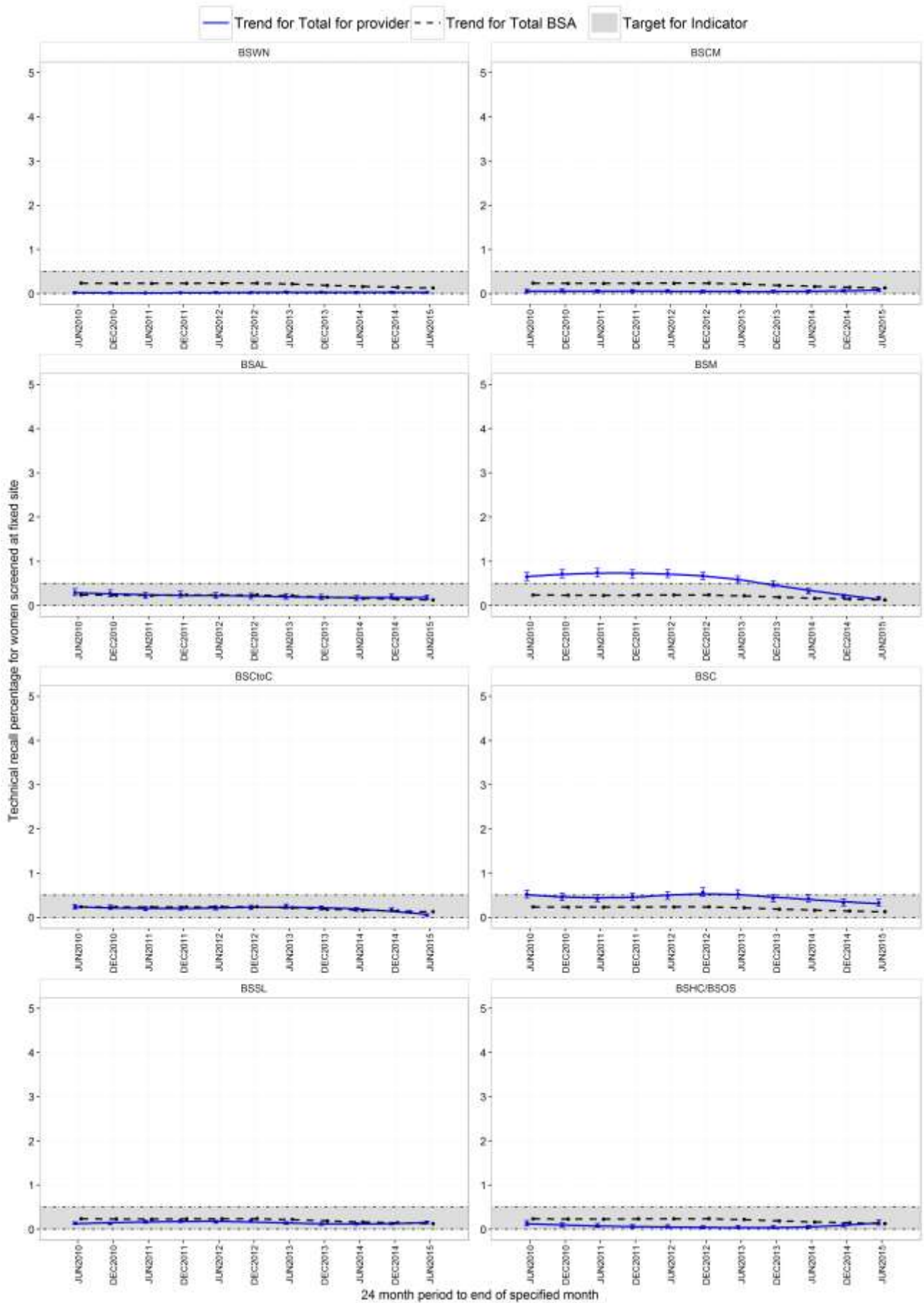
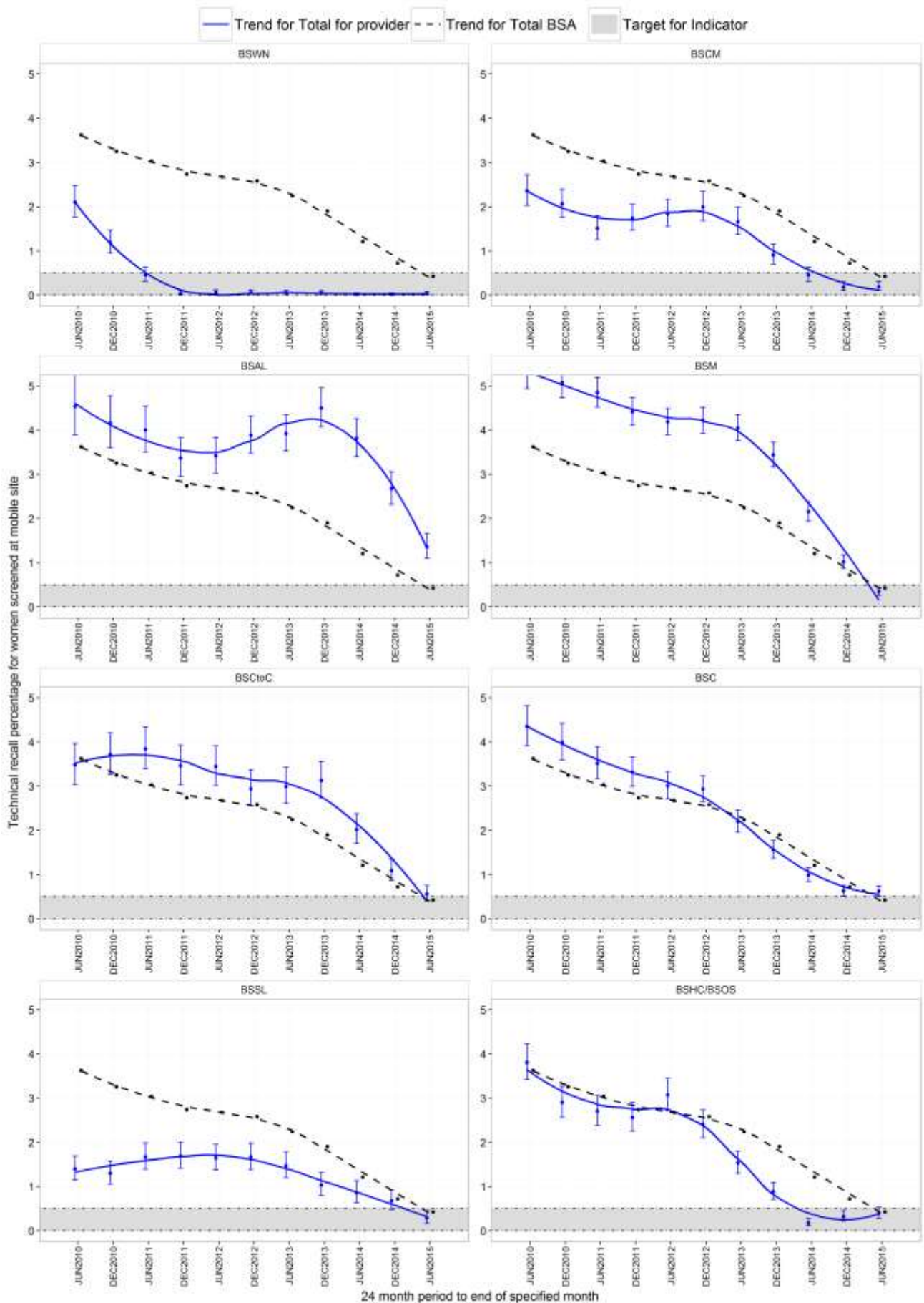


Figure 2.b.d: Trends in the percentage of total women aged 50–69 years screened in a mobile unit having technical recall, by Lead Provider and all BSA, July 2008 to June 2015



2.c Technical reject rate

Description:

The number of images rejected as a percentage of the number of images taken, calculated separately for women who are screened in a fixed site or a mobile unit.

Target for women aged 50–69 years:

Fixed: <3%

Mobile: <3%

Table 2.c.1: Rejected images as a percentage of total images taken among Māori and non-Māori women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)	
45–49 years							
Fixed site							
BSWN	58	5,374	1.1 (0.8, 1.4)	488	54,398	0.9(0.8, 1.0)	1.20 (0.92, 1.58)
BSCM	53	5,613	0.9 (0.7, 1.2)	472	40,933	1.2(1.1, 1.3)	0.82 (0.62, 1.09)
BSAL	20	2,289	0.9 (0.5, 1.3)	388	37,805	1.0(0.9, 1.1)	0.85 (0.54, 1.33)
BSM	111	9,316	1.2 (1.0, 1.4)	478	43,044	1.1(1.0, 1.2)	1.07 (0.87, 1.32)
BSCtoC	71	8,046	0.9 (0.7, 1.1)	355	40,031	0.9(0.8, 1.0)	1.00 (0.77, 1.28)
BSC	14	2,855	0.5 (0.3, 0.8)	136	25,164	0.5(0.5, 0.6)	0.91 (0.52, 1.57)
BSSL	36	6,131	0.6 (0.4, 0.8)	634	87,285	0.7(0.7, 0.8)	0.81 (0.58, 1.13)
BSOS	14	1,687	0.8 (0.5, 1.4)	200	20,913	1.0(0.8, 1.1)	0.87 (0.51, 1.49)
Total	377	41,311	0.9 (0.8, 1.0)	3,151	349,573	0.9(0.9, 0.9)	1.01 (0.91, 1.13)
Mobile unit							
BSWN	22	3,531	0.6 (0.4, 0.9)	118	15,867	0.7(0.6, 0.9)	0.84 (0.53, 1.32)
BSCM	20	1,500	1.3 (0.8, 2.1)	129	9,161	1.4(1.2, 1.7)	0.95 (0.59, 1.51)
BSAL	6	1,028	0.6 (0.2, 1.3)	81	9,651	0.8(0.7, 1.0)	0.70 (0.30, 1.59)
BSM	49	3,693	1.3 (1.0, 1.8)	208	13,249	1.6(1.4, 1.8)	0.85 (0.62, 1.15)
BSCtoC	33	2,137	1.5 (1.1, 2.2)	41	4,795	0.9(0.6, 1.2)	1.81 (1.15, 2.85)
BSC	11	2,329	0.5 (0.2, 0.8)	132	20,037	0.7(0.6, 0.8)	0.72 (0.39, 1.32)
BSSL	6	534	1.1 (0.4, 2.4)	40	5,425	0.7(0.5, 1.0)	1.52 (0.65, 3.58)
BSOS	4	699	0.6 (0.2, 1.5)	157	9,662	1.6(1.4, 1.9)	0.35 (0.13, 0.95)
Total	151	15,451	1.0 (0.8, 1.1)	906	87,847	1.0(1.0, 1.1)	0.95 (0.80, 1.12)
50–69 years							
Fixed site							
BSWN	111	14,495	0.8 (0.6, 0.9)	1,282	169,817	0.8 (0.7, 0.8)	1.01 (0.84, 1.23)
BSCM	143	13,004	1.1 (0.9, 1.3)	1,136	111,385	1.0 (1.0, 1.1)	1.08 (0.91, 1.28)
BSAL	71	5,902	1.2 (0.9, 1.5)	992	106,076	0.9 (0.9, 1.0)	1.29 (1.01, 1.63)
BSM	362	26,500	1.4 (1.2, 1.5)	1,705	155,336	1.1 (1.0, 1.2)	1.24 (1.11, 1.39)
BSCtoC	167	23,819	0.7 (0.6, 0.8)	1,302	165,456	0.8 (0.7, 0.8)	0.89 (0.76, 1.05)
BSC	46	7,892	0.6 (0.4, 0.8)	500	85,701	0.6 (0.5, 0.6)	1.00 (0.74, 1.35)
BSSL	75	13,488	0.6 (0.4, 0.7)	1,867	277,844	0.7 (0.6, 0.7)	0.83 (0.66, 1.04)
BSOS	33	3,742	0.9 (0.6, 1.2)	753	72,456	1.0 (1.0, 1.1)	0.85 (0.60, 1.20)
Total	1,008	108,842	0.9 (0.9, 1.0)	9,537	1,144,071	0.8 (0.8, 0.9)	1.11 (1.04, 1.19)
Mobile unit							
BSWN	63	11,314	0.6 (0.4, 0.7)	405	58,320	0.7 (0.6, 0.8)	0.80 (0.62, 1.04)
BSCM	66	4,563	1.4 (1.1, 1.8)	368	30,680	1.2 (1.1, 1.3)	1.21 (0.93, 1.56)
BSAL	23	3,020	0.8 (0.5, 1.1)	187	26,859	0.7 (0.6, 0.8)	1.09 (0.71, 1.68)
BSM	177	12,511	1.4 (1.2, 1.6)	878	60,157	1.5 (1.4, 1.6)	0.97 (0.83, 1.14)
BSCtoC	87	7,857	1.1 (0.9, 1.4)	259	24,473	1.1 (0.9, 1.2)	1.05 (0.82, 1.33)
BSC	29	6,001	0.5 (0.3, 0.7)	322	69,267	0.5 (0.4, 0.5)	1.04 (0.71, 1.52)
BSSL	10	1,756	0.6 (0.3, 1.0)	157	23,258	0.7 (0.6, 0.8)	0.84 (0.45, 1.60)
BSOS	28	1,758	1.6 (1.1, 2.3)	685	40,641	1.7 (1.6, 1.8)	0.94 (0.65, 1.37)
Total	483	48,780	1.0 (0.9, 1.1)	3,261	333,655	1.0 (0.9, 1.0)	1.01 (0.92, 1.11)

Ratios above one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Targets are <3% for fixed sites and mobile units.

Table 2.c.2: Rejected images as a percentage of total images taken among Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)	
45–49 years							
Fixed site							
BSWN	46	3,931	1.2(0.9, 1.6)	442	50,467	0.9 (0.8, 1.0)	1.34 (0.99, 1.81)
BSCM	113	9,523	1.2(1.0, 1.4)	359	31,410	1.1 (1.0, 1.3)	1.04 (0.84, 1.28)
BSAL	39	3,696	1.1(0.8, 1.4)	349	34,109	1.0 (0.9, 1.1)	1.03 (0.74, 1.43)
BSM	20	919	2.2(1.3, 3.3)	458	42,125	1.1 (1.0, 1.2)	2.00 (1.29, 3.12)
BSCtoC	9	826	1.1(0.5, 2.1)	346	39,205	0.9 (0.8, 1.0)	1.23 (0.64, 2.38)
BSC	5	1,368	0.4(0.1, 0.9)	131	23,796	0.6 (0.5, 0.7)	0.66 (0.27, 1.62)
BSSL	9	1,078	0.8(0.4, 1.6)	625	86,207	0.7 (0.7, 0.8)	1.15 (0.60, 2.22)
BSOS	3	294	1.0(0.2, 3.0)	197	20,619	1.0 (0.8, 1.1)	1.07 (0.34, 3.32)
Total	244	21,635	1.1(1.0, 1.3)	2,907	327,938	0.9 (0.9, 0.9)	1.27 (1.12, 1.45)
Mobile unit							
BSWN	3	405	0.7(0.2, 2.1)	115	15,462	0.7 (0.6, 0.9)	1.00 (0.32, 3.12)
BSCM	27	1,884	1.4(0.9, 2.1)	102	7,277	1.4 (1.1, 1.7)	1.02 (0.67, 1.56)
BSAL	16	2,491	0.6(0.4, 1.0)	65	7,160	0.9 (0.7, 1.2)	0.71 (0.41, 1.22)
BSM	14	363	3.9(2.1, 6.4)	194	12,886	1.5 (1.3, 1.7)	2.56 (1.50, 4.36)
BSCtoC	1	150	0.7(0.0, 3.7)	40	4,645	0.9 (0.6, 1.2)	0.77 (0.11, 5.59)
BSC	10	1,496	0.7(0.3, 1.2)	122	18,541	0.7 (0.5, 0.8)	1.02 (0.53, 1.93)
BSSL	1	75	1.3(0.0, 7.2)	39	5,350	0.7 (0.5, 1.0)	1.83 (0.25, 13.14)
BSOS	1	75	1.3(0.0, 7.2)	156	9,587	1.6 (1.4, 1.9)	0.82 (0.12, 5.78)
Total	73	6,939	1.1(0.8, 1.3)	833	80,908	1.0 (1.0, 1.1)	1.02 (0.81, 1.30)
50–69 years							
Fixed site							
BSWN	105	10,363	1.0(0.8, 1.2)	1,177	159,454	0.7 (0.7, 0.8)	1.37 (1.13, 1.67)
BSCM	172	21,633	0.8(0.7, 0.9)	964	89,752	1.1 (1.0, 1.1)	0.74 (0.63, 0.87)
BSAL	69	7,827	0.9(0.7, 1.1)	923	98,249	0.9 (0.9, 1.0)	0.94 (0.74, 1.20)
BSM	22	2,046	1.1(0.7, 1.6)	1,683	153,290	1.1 (1.0, 1.2)	0.98 (0.64, 1.49)
BSCtoC	17	2,299	0.7(0.4, 1.2)	1,285	163,157	0.8 (0.7, 0.8)	0.94 (0.58, 1.51)
BSC	23	3,939	0.6(0.4, 0.9)	477	81,762	0.6 (0.5, 0.6)	1.00 (0.66, 1.52)
BSSL	27	2,356	1.1(0.8, 1.7)	1,840	275,488	0.7 (0.6, 0.7)	1.72 (1.18, 2.50)
BSOS	4	624	0.6(0.2, 1.6)	749	71,832	1.0 (1.0, 1.1)	0.61 (0.23, 1.64)
Total	439	51,087	0.9(0.8, 0.9)	9,098	1,092,984	0.8 (0.8, 0.8)	1.03 (0.94, 1.14)
Mobile unit							
BSWN	6	938	0.6(0.2, 1.4)	399	57,382	0.7 (0.6, 0.8)	0.92 (0.41, 2.05)
BSCM	69	5,287	1.3(1.0, 1.6)	299	25,393	1.2 (1.0, 1.3)	1.11 (0.85, 1.44)
BSAL	47	6,259	0.8(0.6, 1.0)	140	20,600	0.7 (0.6, 0.8)	1.10 (0.79, 1.54)
BSM	15	880	1.7(1.0, 2.8)	863	59,277	1.5 (1.4, 1.6)	1.17 (0.71, 1.94)
BSCtoC	6	436	1.4(0.5, 3.0)	253	24,037	1.1 (0.9, 1.2)	1.31 (0.59, 2.92)
BSC	17	4,088	0.4(0.2, 0.7)	305	65,179	0.5 (0.4, 0.5)	0.89 (0.55, 1.45)
BSSL	1	220	0.5(0.0, 2.5)	156	23,038	0.7 (0.6, 0.8)	0.67 (0.09, 4.77)
BSOS	2	117	1.7(0.2, 6.0)	683	40,524	1.7 (1.6, 1.8)	1.01 (0.26, 4.02)
Total	163	18,225	0.9(0.8, 1.0)	3,098	315,430	1.0 (0.9, 1.0)	0.91 (0.78, 1.07)

Ratios above one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Targets are <3% for fixed sites and mobile units for women 50–69 years.

Table 2.c.3: Rejected images as a percentage of total images taken among total women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	45–49 years			50–69 years		
	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)	Total images rejected	Total images taken	% of images taken that were rejected (95% CI)
Fixed site						
BSWN	546	59,772	0.9(0.8, 1.0)	1,393	184,312	0.8 (0.7, 0.8)
BSCM	525	46,546	1.1(1.0, 1.2)	1,279	124,389	1.0 (1.0, 1.1)
BSAL	408	40,094	1.0(0.9, 1.1)	1,063	111,978	0.9 (0.9, 1.0)
BSM	589	52,360	1.1(1.0, 1.2)	2,067	181,836	1.1 (1.1, 1.2)
BSCtoC	426	48,077	0.9(0.8, 1.0)	1,469	189,275	0.8 (0.7, 0.8)
BSC	150	28,019	0.5(0.5, 0.6)	546	93,593	0.6 (0.5, 0.6)
BSSL	670	93,416	0.7(0.7, 0.8)	1,942	291,332	0.7 (0.6, 0.7)
BSOS	214	22,600	0.9(0.8, 1.1)	786	76,198	1.0 (1.0, 1.1)
Total	3,528	390,884	0.9(0.9, 0.9)	10,545	1,252,913	0.8 (0.8, 0.9)
Mobile unit						
BSWN	140	19,398	0.7(0.6, 0.9)	468	69,634	0.7 (0.6, 0.7)
BSCM	149	10,661	1.4(1.2, 1.6)	434	35,243	1.2 (1.1, 1.4)
BSAL	87	10,679	0.8(0.7, 1.0)	210	29,879	0.7 (0.6, 0.8)
BSM	257	16,942	1.5(1.3, 1.7)	1,055	72,668	1.5 (1.4, 1.5)
BSCtoC	74	6,932	1.1(0.8, 1.3)	346	32,330	1.1 (1.0, 1.2)
BSC	143	22,366	0.6(0.5, 0.8)	351	75,268	0.5 (0.4, 0.5)
BSSL	46	5,959	0.8(0.6, 1.0)	167	25,014	0.7 (0.6, 0.8)
BSOS	161	10,361	1.6(1.3, 1.8)	713	42,399	1.7 (1.6, 1.8)
Total	1,057	103,298	1.0(1.0, 1.1)	3,744	382,435	1.0 (0.9, 1.0)

Targets are <3% for fixed sites and mobile units.

2.d Assessment rate

Description: Number of women referred to assessment as a percentage of all women screened.

Target for women aged 50–69 years:

Initial (prevalent) screen: expected value <10% and the desired value is <7%

Subsequent (incident) screen: expected value <5% and the desired value is <4%

Table 2.d.1: Referral to assessment as a percentage of Māori and non-Māori women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015),

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	No. of women referred to assessment	No. of women screened	% of women screened referred to assessment (95% CI)	No. of women referred to assessment	No. of women screened	% of women screened referred to assessment (95% CI)	
45–49 years							
Initial screen							
BSWN	113	978	11.6 (9.6, 13.7)	721	7,268	9.9 (9.2, 10.6)	1.16 (0.97, 1.40)
BSCM	70	831	8.4 (6.6, 10.5)	377	5,363	7.0 (6.4, 7.7)	1.20 (0.94, 1.53)
BSAL	25	369	6.8 (4.4, 9.8)	355	4,882	7.3 (6.6, 8.0)	0.93 (0.63, 1.38)
BSM	197	1,670	11.8 (10.3, 13.4)	617	6,337	9.7 (9.0, 10.5)	1.21 (1.04, 1.41)
BSCtoC	95	1,072	8.9 (7.2, 10.7)	285	4,402	6.5 (5.8, 7.2)	1.37 (1.10, 1.71)
BSC	30	581	5.2 (3.5, 7.3)	318	4,858	6.5 (5.9, 7.3)	0.79 (0.55, 1.14)
BSSL	89	699	12.7 (10.4, 15.4)	902	8,742	10.3 (9.7, 11.0)	1.23 (1.01, 1.51)
BSOS	39	311	12.5 (9.1, 16.7)	429	3,731	11.5 (10.5, 12.6)	1.09 (0.80, 1.48)
Total	658	6,511	10.1 (9.4, 10.9)	4,004	45,583	8.8 (8.5, 9.0)	1.15 (1.06, 1.24)
Subsequent screen							
BSWN	61	1,143	5.3 (4.1, 6.8)	476	9,556	5.0 (4.6, 5.4)	1.07 (0.83, 1.39)
BSCM	29	827	3.5 (2.4, 5.0)	285	6,437	4.4 (3.9, 5.0)	0.79 (0.54, 1.15)
BSAL	10	386	2.6 (1.2, 4.7)	241	6,096	4.0 (3.5, 4.5)	0.66 (0.35, 1.22)
BSM	63	1,319	4.8 (3.7, 6.1)	396	6,981	5.7 (5.1, 6.2)	0.84 (0.65, 1.09)
BSCtoC	34	1,262	2.7 (1.9, 3.7)	154	6,266	2.5 (2.1, 2.9)	1.10 (0.76, 1.58)
BSC	20	641	3.1 (1.9, 4.8)	230	5,994	3.8 (3.4, 4.4)	0.81 (0.52, 1.27)
BSSL	48	870	5.5 (4.1, 7.2)	717	13,404	5.3 (5.0, 5.7)	1.03 (0.78, 1.37)
BSOS	17	252	6.7 (4.0, 10.6)	198	3,563	5.6 (4.8, 6.4)	1.21 (0.75, 1.96)
Total	282	6,700	4.2 (3.7, 4.7)	2,697	58,297	4.6 (4.5, 4.8)	0.91 (0.81, 1.03)
50–69 years							
Initial screen							
BSWN	45	287	15.7 (11.7, 20.4)	343	2,873	11.9 (10.8, 13.2)	1.31 (0.99, 1.75)
BSCM	29	263	11.0 (7.5, 15.5)	220	2,495	8.8 (7.7, 10.0)	1.25 (0.87, 1.80)
BSAL	18	117	15.4 (9.4, 23.2)	153	2,139	7.2 (6.1, 8.3)	2.15 (1.37, 3.38)
BSM	133	950	14.0 (11.9, 16.4)	304	2,991	10.2 (9.1, 11.3)	1.38 (1.14, 1.67)
BSCtoC	54	549	9.8 (7.5, 12.6)	126	1,778	7.1 (5.9, 8.4)	1.39 (1.02, 1.88)
BSC	20	179	11.2 (7.0, 16.7)	130	1,911	6.8 (5.7, 8.0)	1.64 (1.05, 2.56)
BSSL	18	125	14.4 (8.8, 21.8)	216	1,778	12.1 (10.7, 13.8)	1.19 (0.76, 1.85)
BSOS	14	73	19.2 (10.9, 30.1)	123	1,052	11.7 (9.8, 13.8)	1.64 (1.00, 2.70)
Total	331	2,543	13.0 (11.7, 14.4)	1,615	17,017	9.5 (9.1, 9.9)	1.37 (1.23, 1.53)
Subsequent screen							
BSWN	236	5,867	4.0 (3.5, 4.6)	1,879	52,208	3.6 (3.4, 3.8)	1.12 (0.98, 1.28)
BSCM	130	3,789	3.4 (2.9, 4.1)	1,106	31,095	3.6 (3.4, 3.8)	0.96 (0.81, 1.15)
BSAL	56	1,900	2.9 (2.2, 3.8)	858	28,882	3.0 (2.8, 3.2)	0.99 (0.76, 1.29)
BSM	330	7,898	4.2 (3.7, 4.6)	1,823	48,093	3.8 (3.6, 4.0)	1.10 (0.98, 1.24)
BSCtoC	151	6,631	2.3 (1.9, 2.7)	870	43,338	2.0 (1.9, 2.1)	1.13 (0.96, 1.35)
BSC	107	3,077	3.5 (2.9, 4.2)	1,143	35,343	3.2 (3.1, 3.4)	1.08 (0.89, 1.31)
BSSL	130	3,477	3.7 (3.1, 4.4)	2,687	70,553	3.8 (3.7, 4.0)	0.98 (0.83, 1.17)
BSOS	44	1,218	3.6 (2.6, 4.8)	1,075	25,916	4.1 (3.9, 4.4)	0.87 (0.65, 1.17)
Total	1,184	33,857	3.5 (3.3, 3.7)	11,441	335,428	3.4 (3.3, 3.5)	1.03 (0.97, 1.09)

Ratios above one indicate a higher referral to assessment rate for Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Proportions that excluded the expected values of <10% for initial screens and <5% for subsequent screens within the confidence interval have been shaded for women aged 50–69 years.

Figure 2.d.a: Trends in proportion of Māori and non-Māori women aged 50–69 years who were referred to assessment from an initial screen, by Lead Provider, July 2008 to June 2015

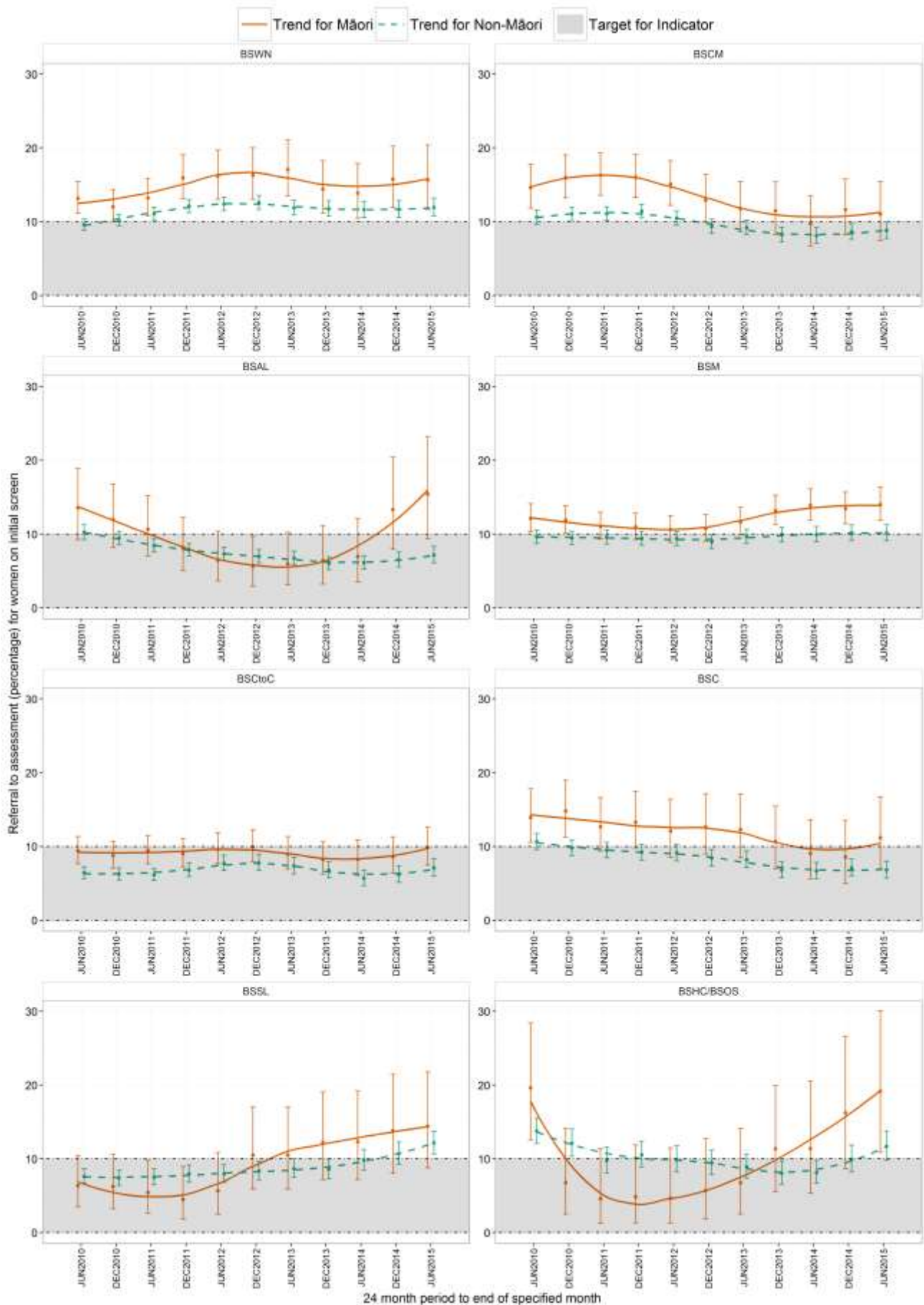


Figure 2.d.b: Trends in proportion of Māori and non-Māori women aged 50–69 years who were referred to assessment from a subsequent screen, by Lead Provider, July 2008 to June 2015

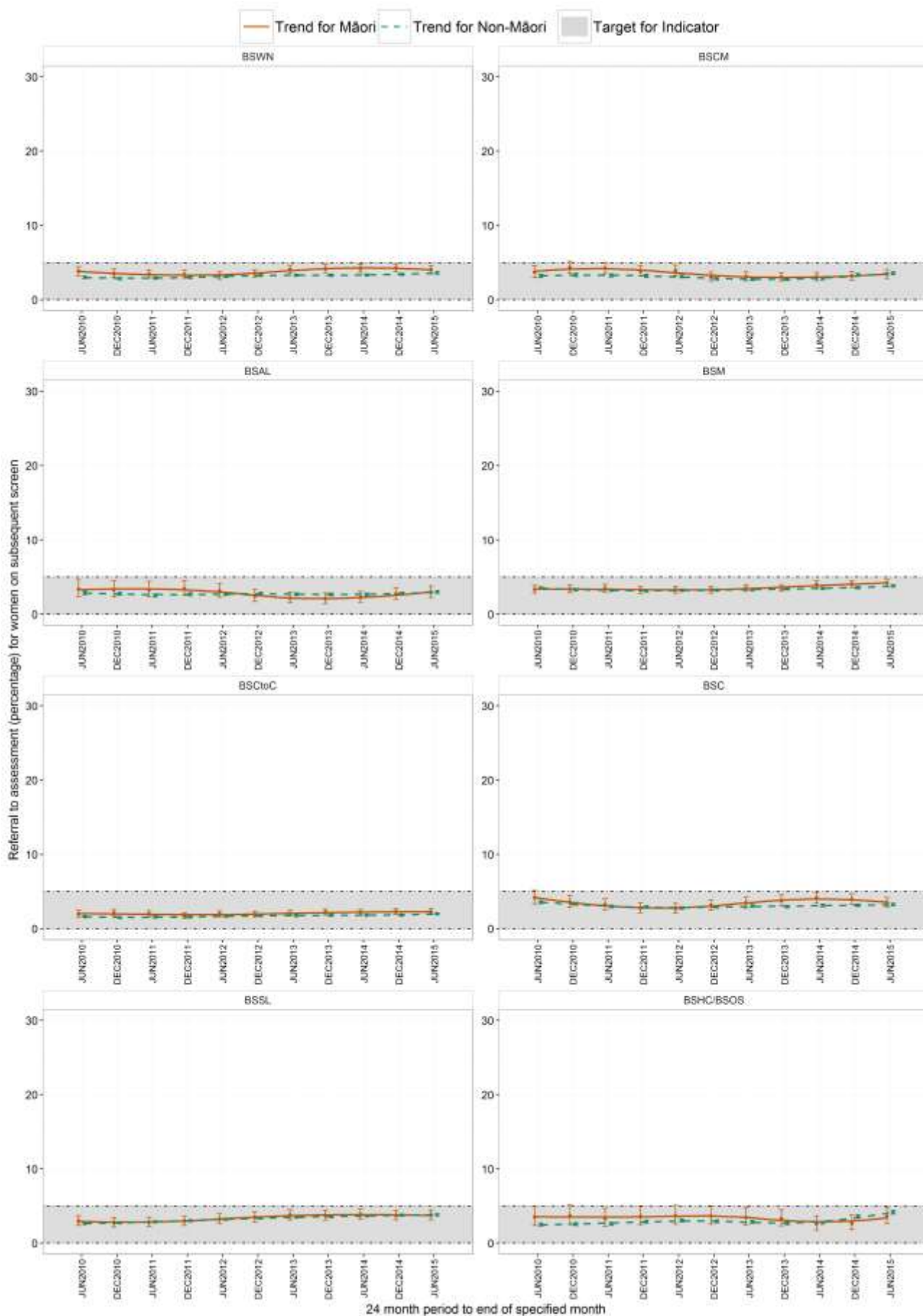


Table 2.d.2: Referral to assessment as a percentage of Pacific and non-Māori non-Pacific aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	No. of women referred to assessment	No. of women screened	% of women screened who were referred to assessment (95% CI)	No. of women referred to assessment	No. of women screened	% of women screened who were referred to assessment (95% CI)	
45–49 years							
Initial screen							
BSWN	48	478	10.0 (7.5, 13.1)	673	6,790	9.9 (9.2, 10.6)	1.01 (0.77, 1.34)
BSCM	77	1,308	5.9 (4.7, 7.3)	300	4,055	7.4 (6.6, 8.2)	0.80 (0.62, 1.01)
BSAL	42	638	6.6 (4.8, 8.8)	313	4,244	7.4 (6.6, 8.2)	0.89 (0.65, 1.22)
BSM	16	171	9.4 (5.4, 14.7)	601	6,166	9.7 (9.0, 10.5)	0.96 (0.60, 1.54)
BSCtoC	10	105	9.5 (4.7, 16.8)	275	4,297	6.4 (5.7, 7.2)	1.49 (0.82, 2.71)
BSC	23	324	7.1 (4.6, 10.5)	295	4,534	6.5 (5.8, 7.3)	1.09 (0.72, 1.64)
BSSL	8	114	7.0 (3.1, 13.4)	894	8,628	10.4 (9.7, 11.0)	0.68 (0.35, 1.32)
BSOS	9	49	18.4 (8.8, 32.0)	420	3,682	11.4 (10.4, 12.5)	1.61 (0.89, 2.93)
Total	233	3,187	7.3 (6.4, 8.3)	3,771	42,396	8.9 (8.6, 9.2)	0.82 (0.72, 0.93)
Subsequent screen							
BSWN	20	552	3.6 (2.2, 5.5)	456	9,004	5.1 (4.6, 5.5)	0.72 (0.46, 1.11)
BSCM	52	1,357	3.8 (2.9, 5.0)	233	5,080	4.6 (4.0, 5.2)	0.84 (0.62, 1.12)
BSAL	21	740	2.8 (1.8, 4.3)	220	5,356	4.1 (3.6, 4.7)	0.69 (0.44, 1.07)
BSM	7	118	5.9 (2.4, 11.8)	389	6,863	5.7 (5.1, 6.2)	1.05 (0.51, 2.16)
BSCtoC	1	113	0.9 (0.0, 4.8)	153	6,153	2.5 (2.1, 2.9)	0.36 (0.05, 2.52)
BSC	19	342	5.6 (3.4, 8.5)	211	5,652	3.7 (3.3, 4.3)	1.49 (0.94, 2.35)
BSSL	5	153	3.3 (1.1, 7.5)	712	13,251	5.4 (5.0, 5.8)	0.61 (0.26, 1.44)
BSOS	0	35	0.0 (0.0, 10.0)	198	3,528	5.6 (4.9, 6.4)	0.00 (0.00, 1.90)
Total	125	3,410	3.7 (3.1, 4.4)	2,572	54,887	4.7 (4.5, 4.9)	0.78 (0.66, 0.93)
50–69 years							
Initial screen							
BSWN	23	155	14.8 (9.6, 21.4)	320	2,718	11.8 (10.6, 13.0)	1.26 (0.85, 1.86)
BSCM	59	506	11.7 (9.0, 14.8)	161	1,989	8.1 (6.9, 9.4)	1.44 (1.09, 1.91)
BSAL	22	212	10.4 (6.6, 15.3)	131	1,927	6.8 (5.7, 8.0)	1.53 (0.99, 2.34)
BSM	5	111	4.5 (1.5, 10.2)	299	2,880	10.4 (9.3, 11.6)	0.43 (0.18, 1.03)
BSCtoC	4	56	7.1 (2.0, 17.3)	122	1,722	7.1 (5.9, 8.4)	1.01 (0.39, 2.63)
BSC	6	124	4.8 (1.8, 10.2)	124	1,787	6.9 (5.8, 8.2)	0.70 (0.31, 1.55)
BSSL	3	36	8.3 (1.8, 22.5)	213	1,742	12.2 (10.7, 13.9)	0.68 (0.23, 2.03)
BSOS	2	13	15.4 (1.9, 45.4)	121	1,039	11.6 (9.8, 13.8)	1.32 (0.37, 4.78)
Total	124	1,213	10.2 (8.6, 12.1)	1,491	15,804	9.4 (9.0, 9.9)	1.08 (0.91, 1.29)
Subsequent screen							
BSWN	96	2,534	3.8 (3.1, 4.6)	1,783	49,674	3.6 (3.4, 3.8)	1.06 (0.86, 1.29)
BSCM	189	5,748	3.3 (2.8, 3.8)	917	25,347	3.6 (3.4, 3.9)	0.91 (0.78, 1.06)
BSAL	76	2,925	2.6 (2.1, 3.2)	782	25,957	3.0 (2.8, 3.2)	0.86 (0.68, 1.09)
BSM	19	557	3.4 (2.1, 5.3)	1,804	47,536	3.8 (3.6, 4.0)	0.90 (0.58, 1.40)
BSCtoC	10	553	1.8 (0.9, 3.3)	860	42,785	2.0 (1.9, 2.1)	0.90 (0.49, 1.67)
BSC	54	1,723	3.1 (2.4, 4.1)	1,089	33,620	3.2 (3.1, 3.4)	0.97 (0.74, 1.27)
BSSL	15	559	2.7 (1.5, 4.4)	2,672	69,994	3.8 (3.7, 4.0)	0.70 (0.43, 1.16)
BSOS	5	155	3.2 (1.1, 7.4)	1,070	25,761	4.2 (3.9, 4.4)	0.78 (0.33, 1.84)
Total	464	14,754	3.1 (2.9, 3.4)	10,977	320,674	3.4 (3.4, 3.5)	0.92 (0.84, 1.01)

Ratios above one indicate a higher referral to assessment rate for Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Proportions that excluded the expected values of <10% for initial screens and <5% for subsequent screens within the confidence interval have been shaded for women aged 50–69 years.

Table 2.d.3: Referral to assessment as a percentage of total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	No. of women referred to assessment	No. of women screened	% of women screened who were referred to assessment (95% CI)	No. of women referred to assessment	No. of women screened	% of women screened who were referred to assessment (95% CI)
Initial screen						
BSWN	834	8,246	10.1 (9.5, 10.8)	388	3,160	12.3 (11.2, 13.5)
BSCM	447	6,194	7.2 (6.6, 7.9)	249	2,758	9.0 (8.0, 10.2)
BSAL	380	5,251	7.2 (6.6, 8.0)	171	2,256	7.6 (6.5, 8.8)
BSM	814	8,007	10.2 (9.5, 10.8)	437	3,941	11.1 (10.1, 12.1)
BSCtoC	380	5,474	6.9 (6.3, 7.6)	180	2,327	7.7 (6.7, 8.9)
BSC	348	5,439	6.4 (5.8, 7.1)	150	2,090	7.2 (6.1, 8.4)
BSSL	991	9,441	10.5 (9.9, 11.1)	234	1,903	12.3 (10.9, 13.9)
BSOS	468	4,042	11.6 (10.6, 12.6)	137	1,125	12.2 (10.3, 14.2)
Total	4,662	52,094	8.9 (8.7, 9.2)	1,946	19,560	9.9 (9.5, 10.4)
Subsequent screen						
BSWN	537	10,699	5.0 (4.6, 5.4)	2,115	58,075	3.6 (3.5, 3.8)
BSCM	314	7,264	4.3 (3.9, 4.8)	1,236	34,884	3.5 (3.4, 3.7)
BSAL	251	6,482	3.9 (3.4, 4.4)	914	30,782	3.0 (2.8, 3.2)
BSM	459	8,300	5.5 (5.0, 6.0)	2,153	55,991	3.8 (3.7, 4.0)
BSCtoC	188	7,528	2.5 (2.2, 2.9)	1,021	49,969	2.0 (1.9, 2.2)
BSC	250	6,635	3.8 (3.3, 4.3)	1,250	38,420	3.3 (3.1, 3.4)
BSSL	765	14,274	5.4 (5.0, 5.7)	2,817	74,030	3.8 (3.7, 3.9)
BSOS	215	3,815	5.6 (4.9, 6.4)	1,119	27,134	4.1 (3.9, 4.4)
Total	2,979	64,997	4.6 (4.4, 4.7)	12,625	369,285	3.4 (3.4, 3.5)

Proportions that excluded the expected values of <10% for initial screens and <5% for subsequent screens within the confidence interval have been shaded.

Figure 2.d.c: Trends in proportion of total women aged 50–69 years who were referred to assessment from an initial screen, by Lead Provider and all BSA, July 2008 to June 2015

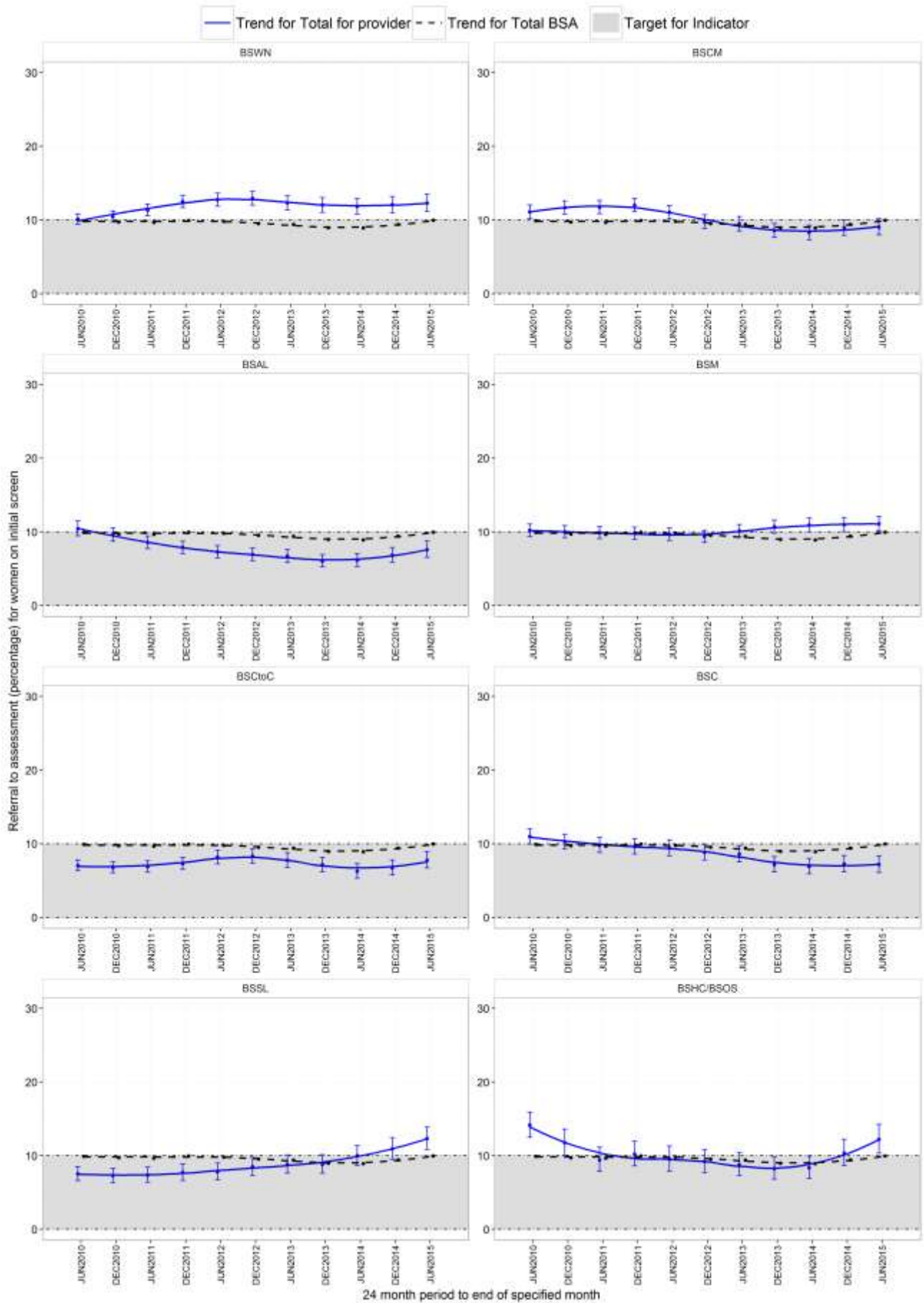
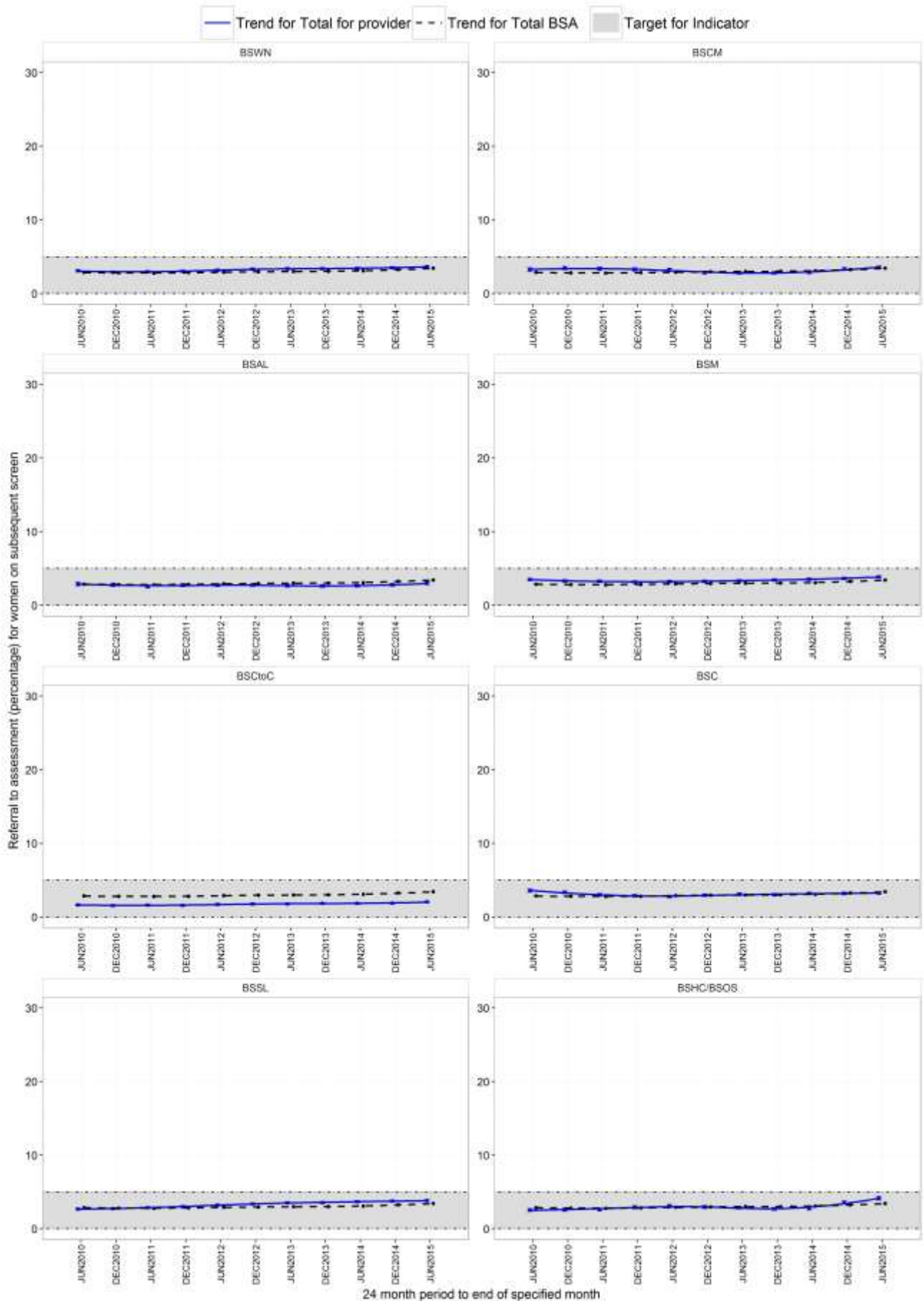


Figure 2.d.d: Trends in proportion of total women aged 50–69 years who were referred to assessment from a subsequent screen, by Lead Provider and all BSA, July 2008 to June 2015



2.e False positive rate

Description: Measures the proportion of women who are recalled to assessment, but after assessment are found not to have cancer.

Target for women aged 50–69 years:

Initial (prevalent) screen: expected value <9%, desired target <6%

Subsequent (incident) screen: expected value <4%, desired target <3%

Table 2.e.1: Number with false positive results as a percentage of Māori and non-Māori women screened, 45–49 and 50–69 years 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	No. of false positives	No. of women screened	% of women screened who had a false positive (95% CI)	No. of false positives	No. of women screened	% of women screened who had a false positive (95% CI)	
45–49 years							
Initial screen							
BSWN	105	978	10.7 (8.9, 12.8)	663	7,268	9.1 (8.5, 9.8)	1.18 (0.97, 1.43)
BSCM	63	831	7.6 (5.9, 9.6)	331	5,363	6.2 (5.5, 6.8)	1.23 (0.95, 1.59)
BSAL	21	369	5.7 (3.6, 8.6)	322	4,882	6.6 (5.9, 7.3)	0.86 (0.56, 1.32)
BSM	183	1,670	11.0 (9.5, 12.6)	579	6,337	9.1 (8.4, 9.9)	1.20 (1.02, 1.40)
BSCtoC	82	1,072	7.6 (6.1, 9.4)	258	4,402	5.9 (5.2, 6.6)	1.31 (1.03, 1.66)
BSC	28	581	4.8 (3.2, 6.9)	294	4,858	6.1 (5.4, 6.8)	0.80 (0.55, 1.16)
BSSL	82	699	11.7 (9.4, 14.4)	860	8,742	9.8 (9.2, 10.5)	1.19 (0.96, 1.48)
BSOS	36	311	11.6 (8.2, 15.7)	395	3,731	10.6 (9.6, 11.6)	1.09 (0.79, 1.51)
Total	600	6,511	9.2 (8.5, 9.9)	3,702	45,583	8.1 (7.9, 8.4)	1.13 (1.05, 1.23)
Subsequent screen							
BSWN	57	1,143	5.0 (3.8, 6.4)	436	9,556	4.6 (4.2, 5.0)	1.09 (0.84, 1.43)
BSCM	23	827	2.8 (1.8, 4.1)	262	6,437	4.1 (3.6, 4.6)	0.68 (0.45, 1.04)
BSAL	8	386	2.1 (0.9, 4.0)	216	6,096	3.5 (3.1, 4.0)	0.58 (0.29, 1.18)
BSM	56	1,319	4.2 (3.2, 5.5)	360	6,981	5.2 (4.6, 5.7)	0.82 (0.63, 1.08)
BSCtoC	29	1,262	2.3 (1.5, 3.3)	133	6,266	2.1 (1.8, 2.5)	1.08 (0.73, 1.61)
BSC	15	641	2.3 (1.3, 3.8)	203	5,994	3.4 (2.9, 3.9)	0.69 (0.41, 1.16)
BSSL	42	870	4.8 (3.5, 6.5)	657	13,404	4.9 (4.5, 5.3)	0.98 (0.73, 1.34)
BSOS	17	252	6.7 (4.0, 10.6)	192	3,563	5.4 (4.7, 6.2)	1.25 (0.78, 2.02)
Total	247	6,700	3.7 (3.2, 4.2)	2,459	58,297	4.2 (4.1, 4.4)	0.87 (0.77, 0.99)
50–69 years							
Initial screen							
BSWN	40	287	13.9 (10.1, 18.5)	311	2,873	10.8 (9.7, 12.0)	1.29 (0.95, 1.75)
BSCM	20	263	7.6 (4.7, 11.5)	163	2,495	6.5 (5.6, 7.6)	1.16 (0.74, 1.82)
BSAL	12	117	10.3 (5.4, 17.2)	117	2,139	5.5 (4.5, 6.5)	1.88 (1.07, 3.30)
BSM	106	950	11.2 (9.2, 13.3)	254	2,991	8.5 (7.5, 9.5)	1.31 (1.06, 1.63)
BSCtoC	40	549	7.3 (5.3, 9.8)	99	1,778	5.6 (4.5, 6.7)	1.31 (0.92, 1.87)
BSC	18	179	10.1 (6.1, 15.4)	118	1,911	6.2 (5.1, 7.3)	1.63 (1.02, 2.61)
BSSL	15	125	12.0 (6.9, 19.0)	200	1,778	11.2 (9.8, 12.8)	1.07 (0.65, 1.75)
BSOS	14	73	19.2 (10.9, 30.1)	102	1,052	9.7 (8.0, 11.6)	1.98 (1.19, 3.28)
Total	265	2,543	10.4 (9.3, 11.7)	1,364	17,017	8.0 (7.6, 8.4)	1.30 (1.15, 1.47)
Subsequent screen							
BSWN	186	5,867	3.2 (2.7, 3.7)	1,535	52,208	2.9 (2.8, 3.1)	1.08 (0.93, 1.25)
BSCM	87	3,789	2.3 (1.8, 2.8)	896	31,095	2.9 (2.7, 3.1)	0.80 (0.64, 0.99)
BSAL	44	1,900	2.3 (1.7, 3.1)	685	28,882	2.4 (2.2, 2.6)	0.98 (0.72, 1.32)
BSM	231	7,898	2.9 (2.6, 3.3)	1,457	48,093	3.0 (2.9, 3.2)	0.97 (0.84, 1.11)
BSCtoC	108	6,631	1.6 (1.3, 2.0)	630	43,338	1.5 (1.3, 1.6)	1.12 (0.92, 1.37)
BSC	84	3,077	2.7 (2.2, 3.4)	949	35,343	2.7 (2.5, 2.9)	1.02 (0.82, 1.27)
BSSL	112	3,477	3.2 (2.7, 3.9)	2,221	70,553	3.1 (3.0, 3.3)	1.02 (0.85, 1.23)
BSOS	34	1,218	2.8 (1.9, 3.9)	908	25,916	3.5 (3.3, 3.7)	0.80 (0.57, 1.12)
Total	886	33,857	2.6 (2.4, 2.8)	9,281	335,428	2.8 (2.7, 2.8)	0.95 (0.88, 1.01)

Ratios above one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Proportions with confidence intervals outside the expected values of <9% for initial screens and <4% for subsequent have been shaded.

Figure 2.e.a: Trends in the proportion of Māori and non-Māori women aged 50–69 years with false positive results from an initial screen, by Lead Provider, July 2008 to June 2015

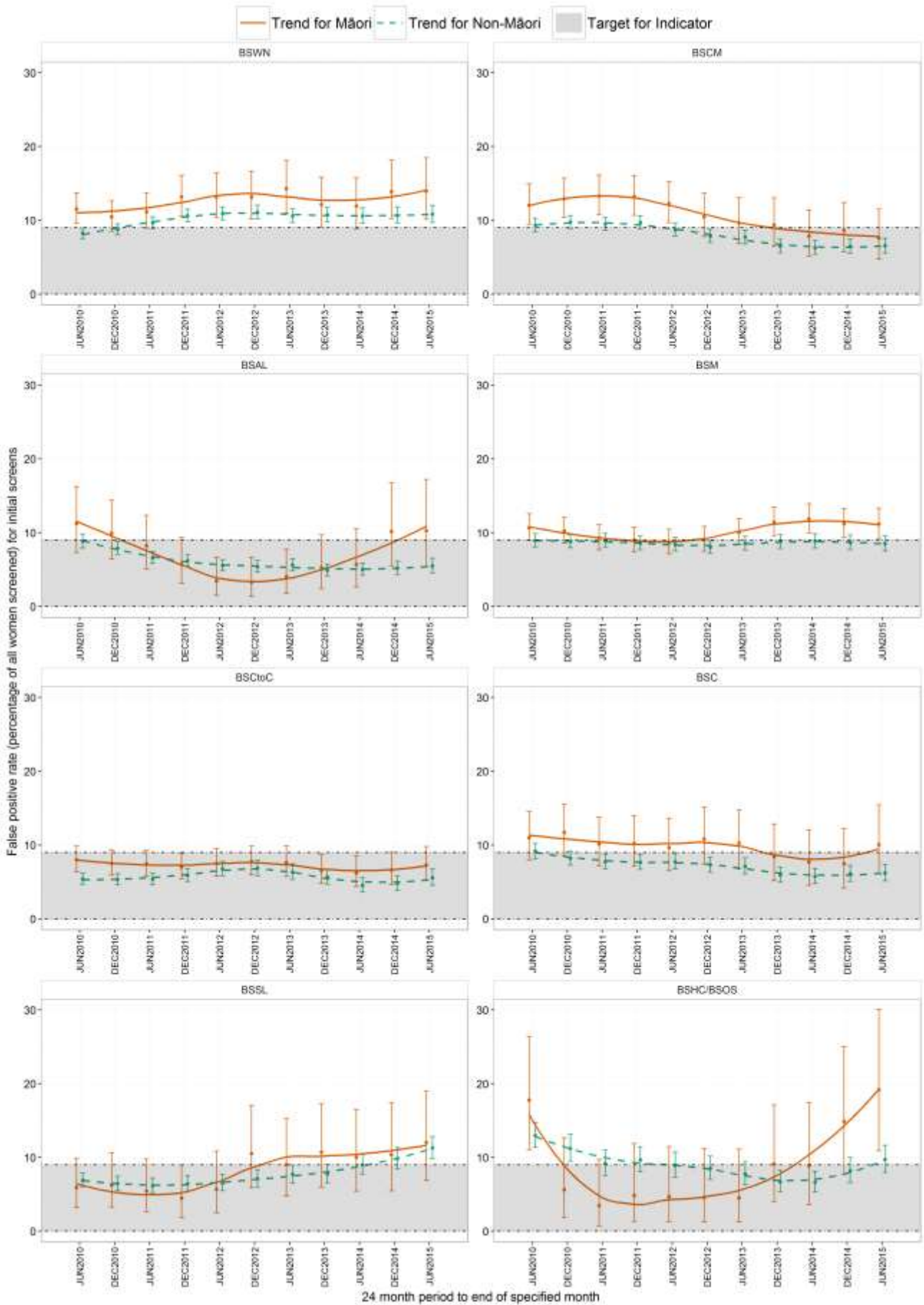


Figure 2.e.b: Trends in the proportion of Māori and non-Māori women aged 50–69 years with false positive results from a subsequent screen, by Lead Provider, July 2008 to June 2015

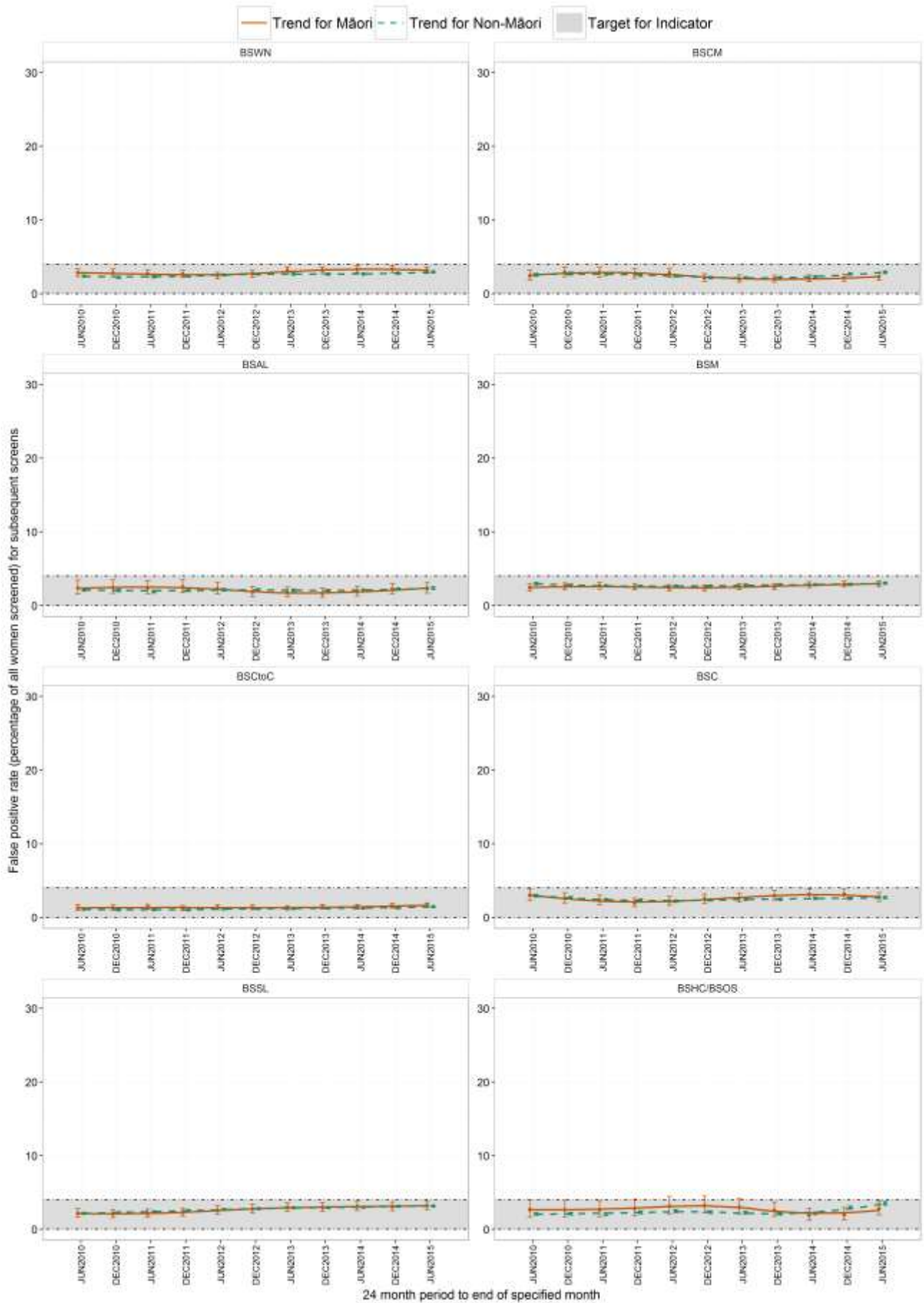


Table 2.e.2: Number with false positive results as a percentage of Pacific and non-Māori non-Pacific women screened, aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	No. of false positives	No. of women screened	% of women screened who had a false positive (95% CI)	No. of false positives	No. of women screened	% of women screened who had a false positive (95% CI)	
45–49 years							
Initial screen							
BSWN	44	478	9.2 (6.8, 12.2)	619	6,790	9.1 (8.4, 9.8)	1.01 (0.75, 1.35)
BSCM	64	1,308	4.9 (3.8, 6.2)	267	4,055	6.6 (5.8, 7.4)	0.74 (0.57, 0.97)
BSAL	38	638	6.0 (4.2, 8.1)	284	4,244	6.7 (6.0, 7.5)	0.89 (0.64, 1.24)
BSM	13	171	7.6 (4.1, 12.6)	566	6,166	9.2 (8.5, 9.9)	0.83 (0.49, 1.40)
BSCtoC	9	105	8.6 (4.0, 15.6)	249	4,297	5.8 (5.1, 6.5)	1.48 (0.78, 2.79)
BSC	21	324	6.5 (4.1, 9.7)	273	4,534	6.0 (5.3, 6.8)	1.08 (0.70, 1.65)
BSSL	7	114	6.1 (2.5, 12.2)	853	8,628	9.9 (9.3, 10.5)	0.62 (0.30, 1.28)
BSOS	9	49	18.4 (8.8, 32.0)	386	3,682	10.5 (9.5, 11.5)	1.75 (0.96, 3.19)
Total	205	3,187	6.4 (5.6, 7.3)	3,497	42,396	8.2 (8.0, 8.5)	0.78 (0.68, 0.89)
Subsequent screen							
BSWN	16	552	2.9 (1.7, 4.7)	420	9,004	4.7 (4.2, 5.1)	0.62 (0.38, 1.02)
BSCM	49	1,357	3.6 (2.7, 4.7)	213	5,080	4.2 (3.7, 4.8)	0.86 (0.63, 1.17)
BSAL	18	740	2.4 (1.4, 3.8)	198	5,356	3.7 (3.2, 4.2)	0.66 (0.41, 1.06)
BSM	6	118	5.1 (1.9, 10.7)	354	6,863	5.2 (4.6, 5.7)	0.99 (0.45, 2.16)
BSCtoC	0	113	0.0 (0.0, 3.2)	133	6,153	2.2 (1.8, 2.6)	0.00 (0.00, 1.53)
BSC	16	342	4.7 (2.7, 7.5)	187	5,652	3.3 (2.9, 3.8)	1.41 (0.86, 2.33)
BSSL	4	153	2.6 (0.7, 6.6)	653	13,251	4.9 (4.6, 5.3)	0.53 (0.20, 1.40)
BSOS	0	35	0.0 (0.0, 10.0)	192	3,528	5.4 (4.7, 6.2)	0.00 (0.00, 1.96)
Total	109	3,410	3.2 (2.6, 3.8)	2,350	54,887	4.3 (4.1, 4.5)	0.75 (0.62, 0.90)
50–69 years							
Initial screen							
BSWN	20	155	12.9 (8.1, 19.2)	291	2,718	10.7 (9.6, 11.9)	1.21 (0.79, 1.84)
BSCM	35	506	6.9 (4.9, 9.5)	128	1,989	6.4 (5.4, 7.6)	1.07 (0.75, 1.54)
BSAL	15	212	7.1 (4.0, 11.4)	102	1,927	5.3 (4.3, 6.4)	1.34 (0.79, 2.26)
BSM	4	111	3.6 (1.0, 9.0)	250	2,880	8.7 (7.7, 9.8)	0.42 (0.16, 1.09)
BSCtoC	3	56	5.4 (1.1, 14.9)	96	1,722	5.6 (4.5, 6.8)	0.96 (0.31, 2.94)
BSC	6	124	4.8 (1.8, 10.2)	112	1,787	6.3 (5.2, 7.5)	0.77 (0.35, 1.72)
BSSL	3	36	8.3 (1.8, 22.5)	197	1,742	11.3 (9.9, 12.9)	0.74 (0.25, 2.19)
BSOS	2	13	15.4 (1.9, 45.4)	100	1,039	9.6 (7.9, 11.6)	1.60 (0.44, 5.80)
Total	88	1,213	7.3 (5.9, 8.9)	1,276	15,804	8.1 (7.7, 8.5)	0.90 (0.73, 1.11)
Subsequent screen							
BSWN	70	2,534	2.8 (2.2, 3.5)	1,465	49,674	2.9 (2.8, 3.1)	0.94 (0.74, 1.19)
BSCM	151	5,748	2.6 (2.2, 3.1)	745	25,347	2.9 (2.7, 3.2)	0.89 (0.75, 1.06)
BSAL	56	2,925	1.9 (1.4, 2.5)	629	25,957	2.4 (2.2, 2.6)	0.79 (0.60, 1.04)
BSM	13	557	2.3 (1.2, 4.0)	1,444	47,536	3.0 (2.9, 3.2)	0.77 (0.45, 1.32)
BSCtoC	9	553	1.6 (0.7, 3.1)	621	42,785	1.5 (1.3, 1.6)	1.12 (0.58, 2.15)
BSC	40	1,723	2.3 (1.7, 3.1)	909	33,620	2.7 (2.5, 2.9)	0.86 (0.63, 1.17)
BSSL	13	559	2.3 (1.2, 3.9)	2,208	69,994	3.2 (3.0, 3.3)	0.74 (0.43, 1.26)
BSOS	2	155	1.3 (0.2, 4.6)	906	25,761	3.5 (3.3, 3.7)	0.37 (0.09, 1.46)
Total	354	14,754	2.4 (2.2, 2.7)	8,927	320,674	2.8 (2.7, 2.8)	0.86 (0.78, 0.96)

Ratios above one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Proportions that exceeded the expected value of <9% for initial screens and <4% for subsequent screens within the confidence interval have been shaded.

Table 2.e.3: Number with false positive results as a percentage of total women screened, aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	No. of false positives	No. of women screened	% of women screened (95% CI)	No. of false positives	No. of women screened	% of women screened (95% CI)
Initial screen						
BSWN	768	8,246	9.3 (8.7, 10.0)	351	3,160	11.1(10.0, 12.3)
BSCM	394	6,194	6.4 (5.8, 7.0)	183	2,758	6.6(5.7, 7.6)
BSAL	343	5,251	6.5 (5.9, 7.2)	129	2,256	5.7(4.8, 6.8)
BSM	762	8,007	9.5 (8.9, 10.2)	360	3,941	9.1(8.3, 10.1)
BSCtoC	340	5,474	6.2 (5.6, 6.9)	139	2,327	6.0(5.0, 7.0)
BSC	322	5,439	5.9 (5.3, 6.6)	136	2,090	6.5(5.5, 7.7)
BSSL	942	9,441	10.0 (9.4, 10.6)	215	1,903	11.3(9.9, 12.8)
BSOS	431	4,042	10.7 (9.7, 11.7)	116	1,125	10.3(8.6, 12.2)
Total	4,302	52,094	8.3 (8.0, 8.5)	1,629	19,560	8.3(7.9, 8.7)
Subsequent screen						
BSWN	493	10,699	4.6 (4.2, 5.0)	1,721	58,075	3.0(2.8, 3.1)
BSCM	285	7,264	3.9 (3.5, 4.4)	983	34,884	2.8(2.6, 3.0)
BSAL	224	6,482	3.5 (3.0, 3.9)	729	30,782	2.4(2.2, 2.5)
BSM	416	8,300	5.0 (4.6, 5.5)	1,688	55,991	3.0(2.9, 3.2)
BSCtoC	162	7,528	2.2 (1.8, 2.5)	738	49,969	1.5(1.4, 1.6)
BSC	218	6,635	3.3 (2.9, 3.7)	1,033	38,420	2.7(2.5, 2.9)
BSSL	699	14,274	4.9 (4.5, 5.3)	2,333	74,030	3.2(3.0, 3.3)
BSOS	209	3,815	5.5 (4.8, 6.2)	942	27,134	3.5(3.3, 3.7)
Total	2,706	64,997	4.2 (4.0, 4.3)	10,167	369,285	2.8(2.7, 2.8)

Proportions that exceeded the expected value of <9% for initial screens and <4% for subsequent screens within the confidence interval have been shaded.

Figure 2.e.c: Trends in the proportion of total women aged 50–69 years with false positive results from an initial screen, by Lead Provider and all BSA, July 2008 to June 2015

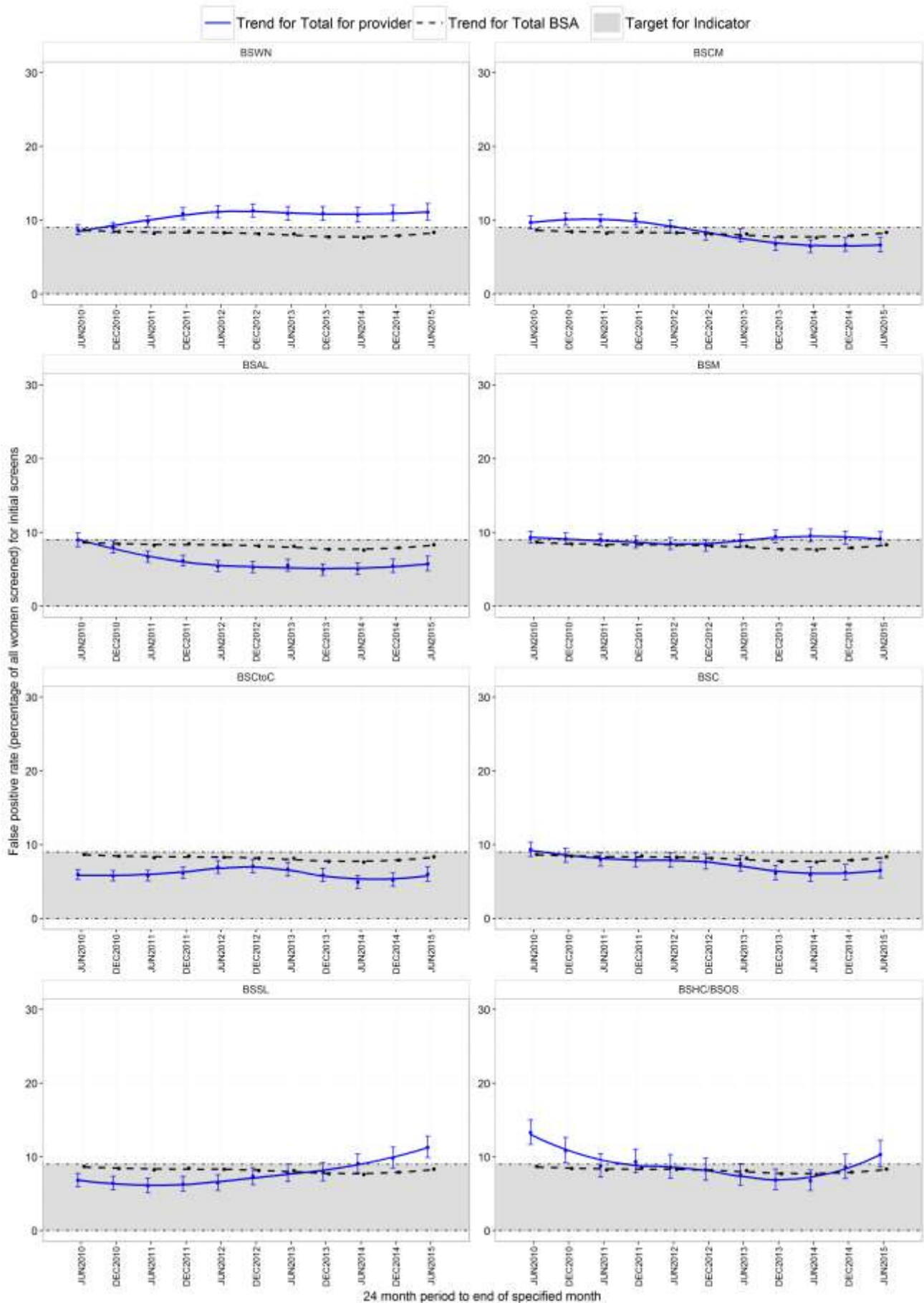
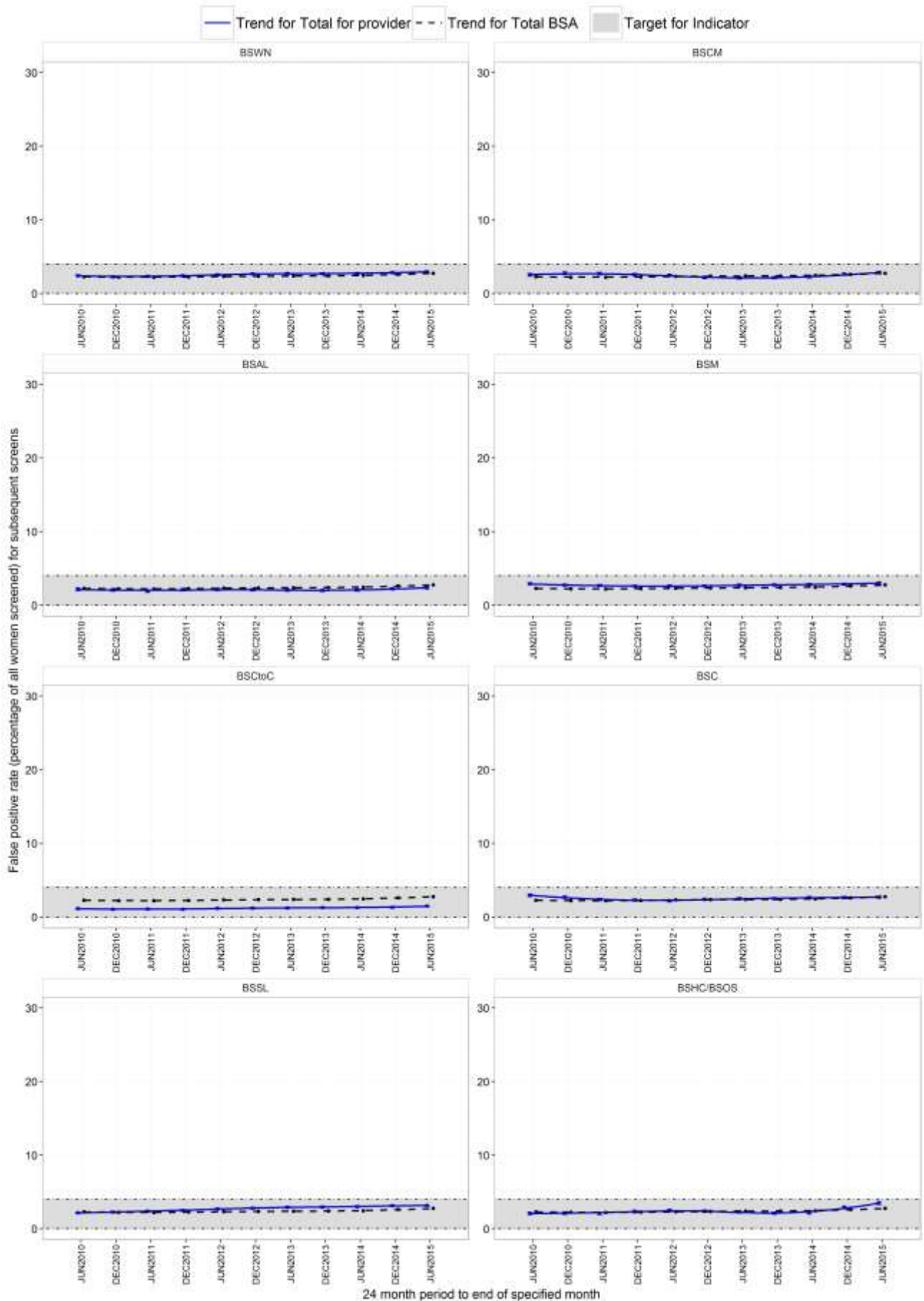


Figure 2.e.d: Trends in the proportion of total women aged 50–69 years with false positive results from a subsequent screen, by Lead Provider and all BSA, July 2008 to June 2015



2.f Positive predictive value of screening mammogram

Description:

The proportion of women screened positive who are ultimately diagnosed as having cancer.

Target for women aged 50–69 years:

The number with diagnosed cancer as a percentage of the number referred to assessment $\geq 9\%$

Table 2.f.1: Cancers as a percentage of referrals to assessment, Māori and non-Māori women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)	
45–49 years							
Initial screen							
BSWN	7	113	6.2(2.5, 12.3)	44	721	6.1(4.5, 8.1)	1.02 (0.47, 2.20)
BSCM	4	70	5.7(1.6, 14.0)	32	377	8.5(5.9, 11.8)	0.67 (0.25, 1.84)
BSAL	2	25	8.0(1.0, 26.0)	20	355	5.6(3.5, 8.6)	1.42 (0.35, 5.73)
BSM	11	197	5.6(2.8, 9.8)	30	617	4.9(3.3, 6.9)	1.15 (0.59, 2.25)
BSCtoC	11	95	11.6(5.9, 19.8)	24	285	8.4(5.5, 12.3)	1.38 (0.70, 2.70)
BSC	2	30	6.7(0.8, 22.1)	22	318	6.9(4.4, 10.3)	0.96 (0.24, 3.90)
BSSL	7	89	7.9(3.2, 15.5)	37	902	4.1(2.9, 5.6)	1.92 (0.88, 4.17)
BSOS	2	39	5.1(0.6, 17.3)	29	429	6.8(4.6, 9.6)	0.76 (0.19, 3.06)
Total	46	658	7.0(5.2, 9.2)	238	4,004	5.9(5.2, 6.7)	1.18 (0.87, 1.60)
Subsequent screen							
BSWN	3	61	4.9(1.0, 13.7)	34	476	7.1(5.0, 9.8)	0.69 (0.22, 2.17)
BSCM	5	29	17.2(5.8, 35.8)	18	285	6.3(3.8, 9.8)	2.73 (1.09, 6.81)
BSAL	2	10	20.0(2.5, 55.6)	16	241	6.6(3.8, 10.6)	3.01 (0.80, 11.36)
BSM	6	63	9.5(3.6, 19.6)	31	396	7.8(5.4, 10.9)	1.22 (0.53, 2.80)
BSCtoC	5	34	14.7(5.0, 31.1)	19	154	12.3(7.6, 18.6)	1.19 (0.48, 2.97)
BSC	5	20	25.0(8.7, 49.1)	18	230	7.8(4.7, 12.1)	3.19 (1.33, 7.70)
BSSL	5	48	10.4(3.5, 22.7)	55	717	7.7(5.8, 9.9)	1.36 (0.57, 3.23)
BSOS	0	17	0.0(0.0, 19.5)	5	198	2.5(0.8, 5.8)	0.00 (0.00, 12.71)
Total	31	282	11.0 (7.6, 15.2)	196	2,697	7.3(6.3, 8.3)	1.51 (1.06, 2.16)
50–69 years							
Initial screen							
BSWN	4	45	8.9(2.5, 21.2)	21	343	6.1(3.8, 9.2)	1.45 (0.52, 4.04)
BSCM	5	29	17.2(5.8, 35.8)	42	220	19.1(14.1, 24.9)	0.90 (0.39, 2.10)
BSAL	5	18	27.8(9.7, 53.5)	22	153	14.4(9.2, 21.0)	1.93 (0.83, 4.47)
BSM	21	133	15.8(10.0, 23.1)	40	304	13.2(9.6, 17.5)	1.20 (0.74, 1.95)
BSCtoC	12	54	22.2(12.0, 35.6)	24	126	19.0(12.6, 27.0)	1.17 (0.63, 2.16)
BSC	2	20	10.0(1.2, 31.7)	11	130	8.5(4.3, 14.6)	1.18 (0.28, 4.94)
BSSL	3	18	16.7(3.6, 41.4)	13	216	6.0(3.2, 10.1)	2.77 (0.87, 8.83)
BSOS	0	14	0.0(0.0, 23.2)	15	123	12.2(7.0, 19.3)	0.00 (0.00, 2.45)
Total	52	331	15.7(12.0, 20.1)	188	1,615	11.6(10.1, 13.3)	1.35 (1.02, 1.79)
Subsequent screen							
BSWN	49	236	20.8(15.8, 26.5)	316	1,879	16.8(15.2, 18.6)	1.23 (0.94, 1.62)
BSCM	38	130	29.2(21.6, 37.8)	189	1,106	17.1(14.9, 19.4)	1.71 (1.27, 2.30)
BSAL	9	56	16.1(7.6, 28.3)	150	858	17.5(15.0, 20.2)	0.92 (0.50, 1.70)
BSM	92	330	27.9(23.1, 33.1)	331	1,823	18.2(16.4, 20.0)	1.54 (1.26, 1.87)
BSCtoC	41	151	27.2(20.2, 35.0)	231	870	26.6(23.6, 29.6)	1.02 (0.77, 1.36)
BSC	21	107	19.6(12.6, 28.4)	179	1,143	15.7(13.6, 17.9)	1.25 (0.83, 1.88)
BSSL	18	130	13.8(8.4, 21.0)	457	2,687	17.0(15.6, 18.5)	0.81 (0.53, 1.26)
BSOS	8	44	18.2(8.2, 32.7)	154	1,075	14.3(12.3, 16.6)	1.27 (0.67, 2.42)
Total	276	1,184	23.3(20.9, 25.8)	2,007	11,441	17.5(16.8, 18.3)	1.33 (1.19, 1.48)

Ratios above one indicate a higher positive predictive value for Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Target value is $\geq 9\%$.

Figure 2.f.a: Trends in the positive predictive value (cancers as a percentage of referrals to assessment) of initial screens for Māori and non-Māori women aged 50–69 years, by Lead Provider, July 2008 to June 2015

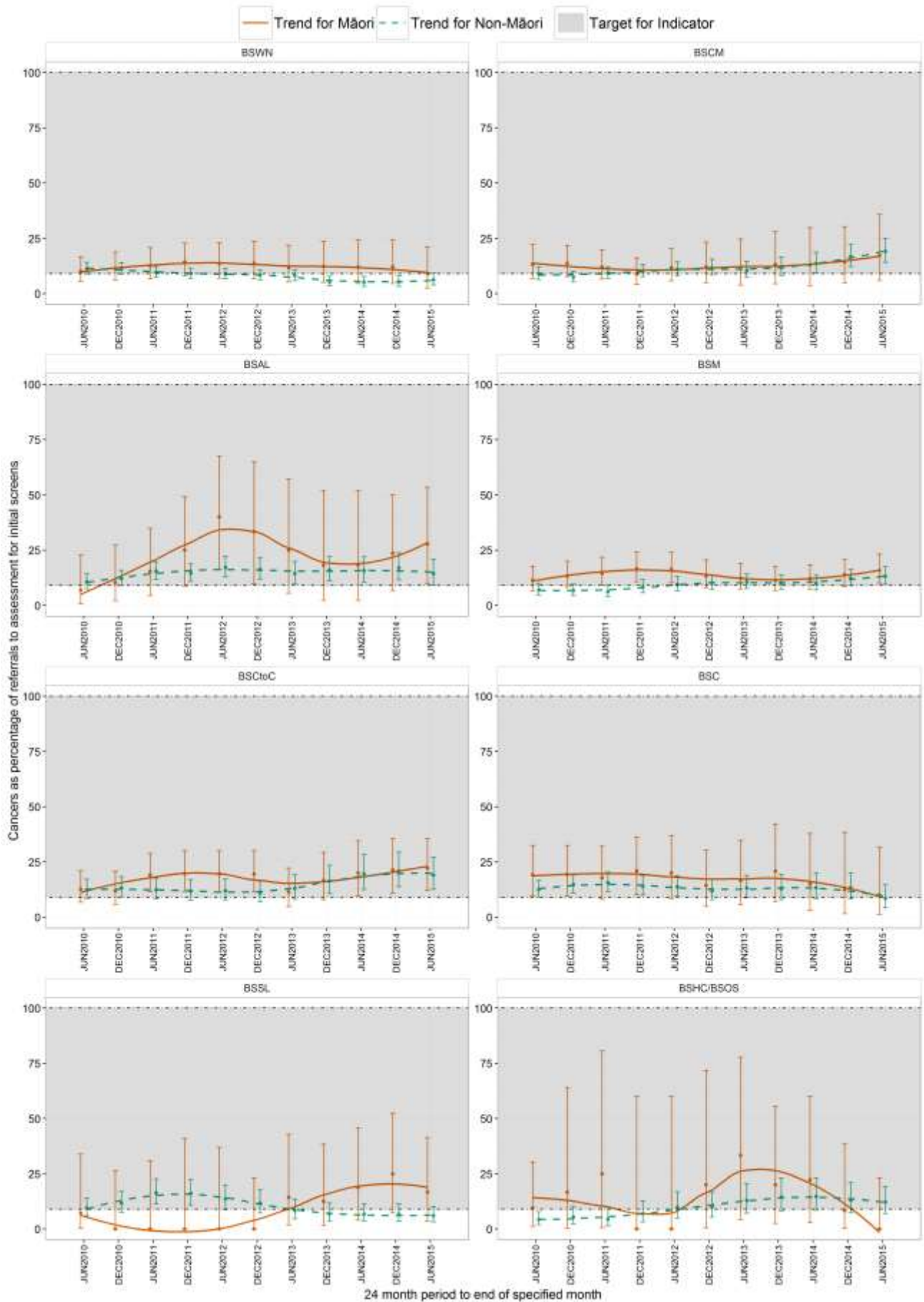


Figure 2.f.b: Trends in the positive predictive value (cancers as a percentage of referrals to assessment) of subsequent screens for Māori and non-Māori women aged 50–69 years, by Lead Provider, July 2008 to June 2015

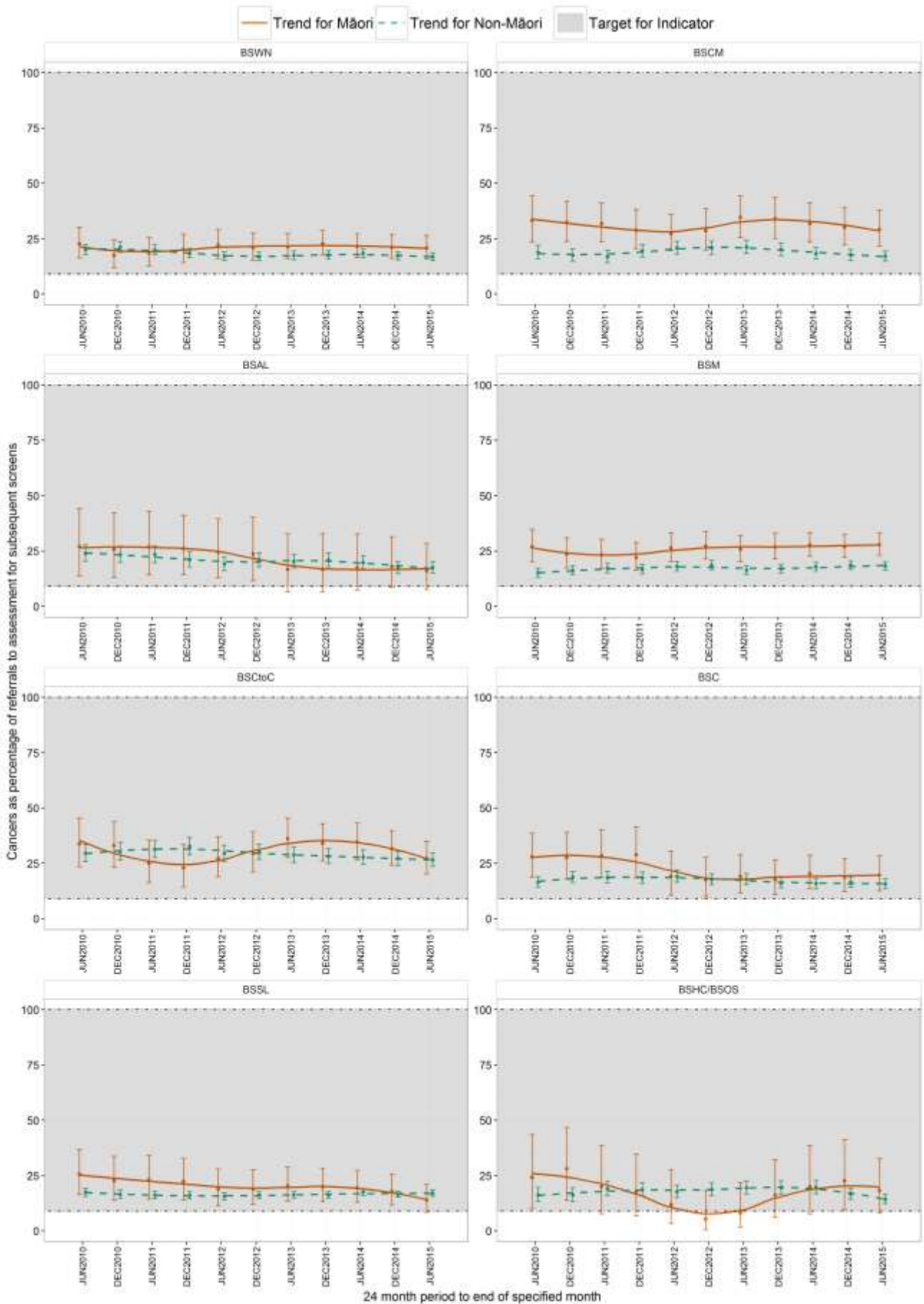


Table 2.f.2: Cancers as a percentage of referrals to assessment, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)	
45–49 years							
Initial screen							
BSWN	2	48	4.2 (0.5, 14.3)	42	673	6.2 (4.5, 8.3)	0.67 (0.17, 2.68)
BSCM	9	77	11.7 (5.5, 21.0)	23	300	7.7 (4.9, 11.3)	1.52 (0.74, 3.16)
BSAL	1	42	2.4 (0.1, 12.6)	19	313	6.1 (3.7, 9.3)	0.39 (0.05, 2.85)
BSM	2	16	12.5 (1.6, 38.3)	28	601	4.7 (3.1, 6.7)	2.68 (0.70, 10.31)
BSCtoC	1	10	10.0 (0.3, 44.5)	23	275	8.4 (5.4, 12.3)	1.20 (0.18, 7.99)
BSC	2	23	8.7 (1.1, 28.0)	20	295	6.8 (4.2, 10.3)	1.28 (0.32, 5.15)
BSSL	1	8	12.5 (0.3, 52.7)	36	894	4.0 (2.8, 5.5)	3.10 (0.48, 19.96)
BSOS	0	9	0.0 (0.0, 33.6)	29	420	6.9 (4.7, 9.8)	0.00 (0.00, 6.33)
Total	18	233	7.7 (4.6, 11.9)	220	3,771	5.8 (5.1, 6.6)	1.32 (0.83, 2.10)
Subsequent screen							
BSWN	2	20	10.0 (1.2, 31.7)	32	456	7.0 (4.8, 9.8)	1.43 (0.37, 5.53)
BSCM	2	52	3.8 (0.5, 13.2)	16	233	6.9 (4.0, 10.9)	0.56 (0.13, 2.36)
BSAL	3	21	14.3 (3.0, 36.3)	13	220	5.9 (3.2, 9.9)	2.42 (0.75, 7.81)
BSM	1	7	14.3 (0.4, 57.9)	30	389	7.7 (5.3, 10.8)	1.85 (0.29, 11.74)
BSCtoC	1	1	100.0 (2.5, 100.0)	18	153	11.8 (7.1, 18.0)	8.50 (1.26, 10.77) #
BSC	1	19	5.3 (0.1, 26.0)	17	211	8.1 (4.8, 12.6)	0.65 (0.09, 4.64)
BSSL	1	5	20.0 (0.5, 71.6)	54	712	7.6 (5.7, 9.8)	2.64 (0.45, 15.51)
BSOS	0	0	-	5	198	2.5 (0.8, 5.8)	-
Total	11	125	8.8 (4.5, 15.2)	185	2,572	7.2 (6.2, 8.3)	1.22 (0.68, 2.19)
50–69 years							
Initial screen							
BSWN	2	23	8.7 (1.1, 28.0)	19	320	5.9 (3.6, 9.1)	1.46 (0.36, 5.90)
BSCM	18	59	30.5 (19.2, 43.9)	24	161	14.9 (9.8, 21.4)	2.05 (1.20, 3.49)
BSAL	4	22	18.2 (5.2, 40.3)	18	131	13.7 (8.4, 20.8)	1.32 (0.49, 3.54)
BSM	0	5	0.0 (0.0, 52.2)	40	299	13.4 (9.7, 17.8)	0.00 (0.00, 5.78)
BSCtoC	1	4	25.0 (0.6, 80.6)	23	122	18.9 (12.3, 26.9)	1.33 (0.23, 7.53)
BSC	0	6	0.0 (0.0, 45.9)	11	124	8.9 (4.5, 15.3)	0.00 (0.00, 8.23)
BSSL	0	3	0.0 (0.0, 70.8)	13	213	6.1 (3.3, 10.2)	0.00 (0.00, 23.30)
BSOS	0	2	0.0 (0.0, 84.2)	15	121	12.4 (7.1, 19.6)	0.00 (0.00, 16.87)
Total	25	124	20.2 (13.5, 28.3)	163	1,491	10.9 (9.4, 12.6)	1.84 (1.26, 2.69)
Subsequent screen							
BSWN	22	96	22.9 (15.0, 32.6)	294	1,783	16.5 (14.8, 18.3)	1.39 (0.95, 2.04)
BSCM	32	189	16.9 (11.9, 23.1)	157	917	17.1 (14.7, 19.7)	0.99 (0.70, 1.40)
BSAL	14	76	18.4 (10.5, 29.0)	136	782	17.4 (14.8, 20.2)	1.06 (0.64, 1.74)
BSM	6	19	31.6 (12.6, 56.6)	325	1,804	18.0 (16.3, 19.9)	1.75 (0.90, 3.42)
BSCtoC	0	10	0.0 (0.0, 30.8)	231	860	26.9 (23.9, 30.0)	0.00 (0.00, 1.38)
BSC	13	54	24.1 (13.5, 37.6)	166	1,089	15.2 (13.2, 17.5)	1.58 (0.96, 2.59)
BSSL	2	15	13.3 (1.7, 40.5)	455	2,672	17.0 (15.6, 18.5)	0.78 (0.21, 2.85)
BSOS	3	5	60.0 (14.7, 94.7)	151	1,070	14.1 (12.1, 16.3)	4.25 (2.05, 8.83)
Total	92	464	19.8 (16.3, 23.8)	1,915	10,977	17.4 (16.7, 18.2)	1.14 (0.94, 1.37)

Ratios above one indicate a higher positive predictive value for Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target value is $\geq 9\%$ for women 50–69 years.

Table 2.f.3: Cancers as a percentage of referrals to assessment, total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)	No. of cancers	No. of referrals	% of referrals that were cancers (95% CI)
Initial screen						
BSWN	51	834	6.1 (4.6, 8.0)	25	388	6.4 (4.2, 9.4)
BSCM	36	447	8.1 (5.7, 11.0)	47	249	18.9 (14.2, 24.3)
BSAL	22	380	5.8 (3.7, 8.6)	27	171	15.8 (10.7, 22.1)
BSM	41	814	5.0 (3.6, 6.8)	61	437	14.0 (10.8, 17.6)
BSCtoC	35	380	9.2 (6.5, 12.6)	36	180	20.0 (14.4, 26.6)
BSC	24	348	6.9 (4.5, 10.1)	13	150	8.7 (4.7, 14.4)
BSSL	44	991	4.4 (3.2, 5.9)	16	234	6.8 (4.0, 10.9)
BSOS	31	468	6.6 (4.5, 9.3)	15	137	10.9 (6.3, 17.4)
Total	284	4,662	6.1 (5.4, 6.8)	240	1,946	12.3 (10.9, 13.9)
Subsequent screen						
BSWN	37	537	6.9 (4.9, 9.4)	365	2,115	17.3 (15.7, 18.9)
BSCM	23	314	7.3 (4.7, 10.8)	227	1,236	18.4 (16.2, 20.6)
BSAL	18	251	7.2 (4.3, 11.1)	159	914	17.4 (15.0, 20.0)
BSM	37	459	8.1 (5.7, 10.9)	423	2,153	19.6 (18.0, 21.4)
BSCtoC	24	188	12.8 (8.4, 18.4)	272	1,021	26.6 (24.0, 29.5)
BSC	23	250	9.2 (5.9, 13.5)	200	1,250	16.0 (14.0, 18.2)
BSSL	60	765	7.8 (6.0, 10.0)	475	2,817	16.9 (15.5, 18.3)
BSOS	5	215	2.3 (0.8, 5.3)	162	1,119	14.5 (12.5, 16.7)
Total	227	2,979	7.6 (6.7, 8.6)	2,283	12,625	18.1 (17.4, 18.8)

Target value for women aged 50–69 years is $\geq 9\%$.

Figure 2.f.c: Trends in the positive predictive value (cancers as a percentage of referrals to assessment) of initial screens for total women aged 50–69 years, by Lead Provider, July 2008 to June 2015

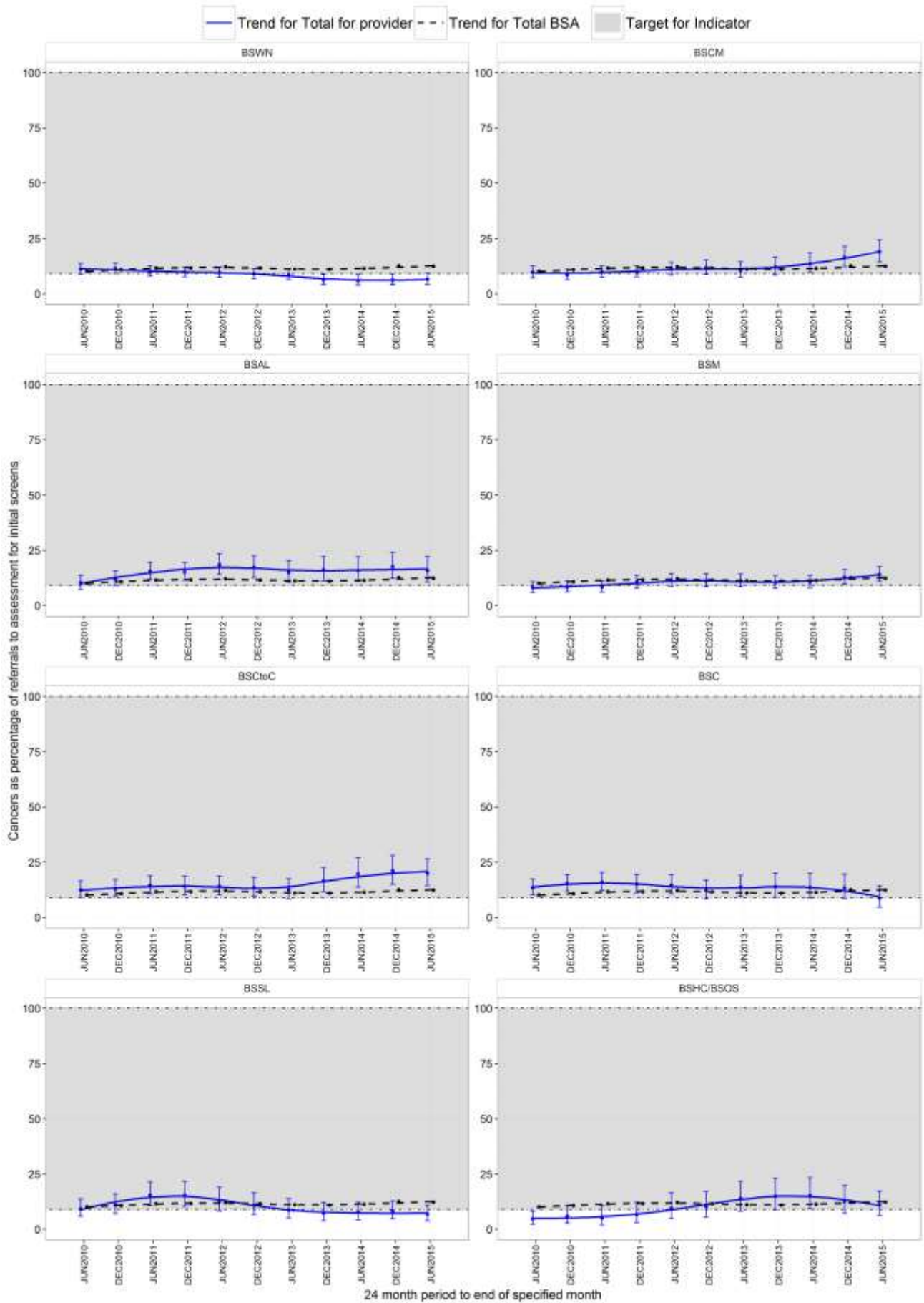
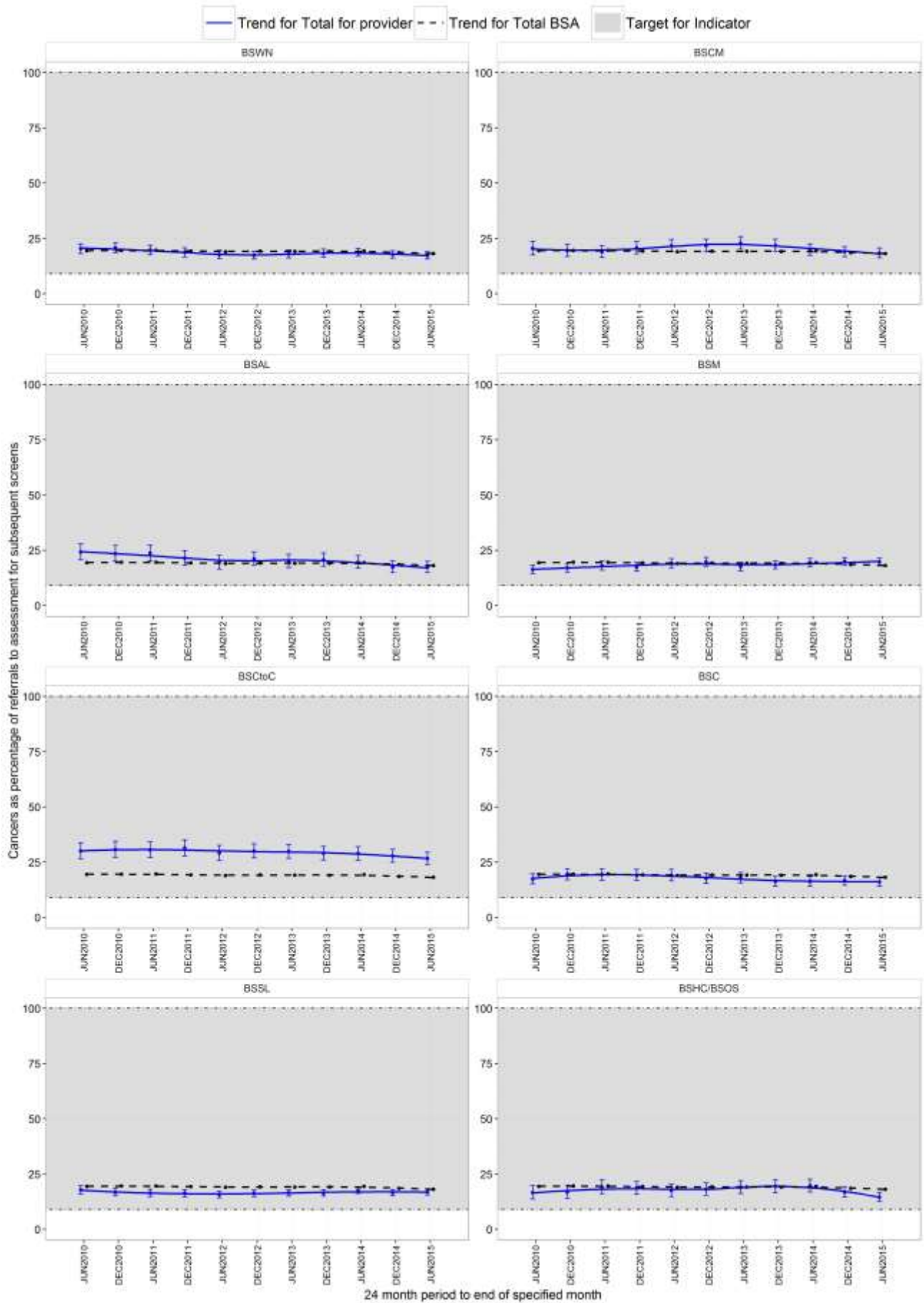


Figure 2.f.d: Trends in the positive predictive value (cancers as a percentage of referrals to assessment) of subsequent screens for total women aged 50–69 years, by Lead Provider, July 2008 to June 2015



2.g Benign biopsy weight

Description:

Measures the weight of the open biopsy specimen presented to the pathologist.

Target for women aged 50–69 years:

>90% of open biopsies, which prove to be benign, should weigh <30g.

Table 2.g.1.1: Benign open biopsies weighing <30g as a percent of all benign open biopsies among Māori and non-Māori women aged 45–49 years and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)	
45–49 years							
BSWN	13	17	76.5 (50.1, 93.2)	76	84	90.5 (82.1, 95.8)	0.85(0.64, 1.11)
BSCM	8	9	88.9 (51.8, 99.7)	43	48	89.6 (77.3, 96.5)	0.99(0.77, 1.27)
BSAL	1	3	33.3 (0.8, 90.6)	37	40	92.5 (79.6, 98.4)	0.36(0.07, 1.79)
BSM	18	24	75.0 (53.3, 90.2)	36	56	64.3 (50.4, 76.6)	1.17(0.86, 1.58)
BSCtoC	3	3	100.0 (29.2, 100.0)	15	24	62.5 (40.6, 81.2)	1.60(0.63, 2.07) #
BSC	1	1	100.0 (2.5, 100.0)	18	26	69.2 (48.2, 85.7)	1.44(0.23, 1.69) #
BSSL	7	8	87.5 (47.3, 99.7)	50	63	79.4 (67.3, 88.5)	1.10(0.82, 1.47)
BSOS	1	1	100.0 (2.5, 100.0)	19	25	76.0 (54.9, 90.6)	1.32(0.21, 1.51) #
Total	52	66	78.8 (67.0, 87.9)	294	366	80.3 (75.9, 84.3)	0.98(0.86, 1.12)
50–69 years							
BSWN	18	20	90.0 (68.3, 98.8)	139	160	86.9 (80.6, 91.7)	1.04(0.88, 1.21)
BSCM	8	9	88.9 (51.8, 99.7)	63	73	86.3 (76.2, 93.2)	1.03(0.80, 1.32)
BSAL	3	3	100.0 (29.2, 100.0)	38	41	92.7 (80.1, 98.5)	1.08(0.44, 1.15) #
BSM	22	31	71.0 (52.0, 85.8)	90	118	76.3 (67.6, 83.6)	0.93(0.73, 1.19)
BSCtoC	6	9	66.7 (29.9, 92.5)	28	48	58.3 (43.2, 72.4)	1.14(0.68, 1.92)
BSC	7	9	77.8 (40.0, 97.2)	36	42	85.7 (71.5, 94.6)	0.91(0.63, 1.31)
BSSL	5	7	71.4 (29.0, 96.3)	83	115	72.2 (63.0, 80.1)	0.99(0.61, 1.60)
BSOS	1	1	100.0 (2.5, 100.0)	49	59	83.1 (71.0, 91.6)	1.20(0.19, 1.26) #
Total	70	89	78.7 (68.7, 86.6)	526	656	80.2 (76.9, 83.2)	0.98(0.87, 1.10)

Ratios below one are unfavourable to Māori. Shaded boxes show confidence interval excludes target of >90%.

Table 2.g.1.2: Benign open biopsies weighing <30g as a percent of all benign open biopsies among Pacific and non-Māori non-Pacific women aged 45–49 years and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)	
45–49 years							
BSWN	0	1	0.0 (0.0, 97.5)	76	83	91.6 (83.4, 96.5)	0.00 (0.00, 4.13)
BSCM	5	5	100.0 (47.8, 100.0)	38	43	88.4 (74.9, 96.1)	1.13 (0.62, 1.24) #
BSAL	0	0	-	37	40	92.5 (79.6, 98.4)	-
BSM	0	0	-	36	56	64.3 (50.4, 76.6)	-
BSCtoC	0	0	-	15	24	62.5 (40.6, 81.2)	-
BSC	0	0	-	18	26	69.2 (48.2, 85.7)	-
BSSL	1	2	50.0 (1.3, 98.7)	49	61	80.3 (68.2, 89.4)	0.62 (0.15, 2.50)
BSOS	0	0	-	19	25	76.0 (54.9, 90.6)	-
Total	6	8	75.0 (34.9, 96.8)	288	358	80.4 (76.0, 84.4)	0.93 (0.62, 1.40)
50–69 years							
BSWN	6	7	85.7 (42.1, 99.6)	133	153	86.9 (80.5, 91.8)	0.99 (0.72, 1.34)
BSCM	10	13	76.9 (46.2, 95.0)	53	60	88.3 (77.4, 95.2)	0.87 (0.64, 1.19)
BSAL	5	5	100.0 (47.8, 100.0)	33	36	91.7 (77.5, 98.2)	1.09 (0.60, 1.20) #
BSM	0	1	0.0 (0.0, 97.5)	90	117	76.9 (68.2, 84.2)	0.00 (0.00, 4.90)
BSCtoC	0	2	0.0 (0.0, 84.2)	28	46	60.9 (45.4, 74.9)	0.00 (0.00, 3.24)
BSC	2	3	66.7 (9.4, 99.2)	34	39	87.2 (72.6, 95.7)	0.76 (0.34, 1.72)
BSSL	1	3	33.3 (0.8, 90.6)	82	112	73.2 (64.0, 81.1)	0.46 (0.09, 2.26)
BSOS	0	0	-	49	59	83.1 (71.0, 91.6)	-
Total	24	34	70.6 (52.5, 84.9)	502	622	80.7 (77.4, 83.7)	0.87 (0.70, 1.09)

Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target value is >90%.

Table 2.g.1.3: Benign open biopsies weighing <30g as a percent of all benign open biopsies among total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)	Number of benign open biopsies <30g	Total benign open biopsies	% of benign open biopsies <30g (95% CI)
BSWN	27	30	90.0(73.5, 97.9)	74	80	92.5(84.4, 97.2)
BSCM	24	26	92.3(74.9, 99.1)	31	35	88.6(73.3, 96.8)
BSAL	12	13	92.3(64.0, 99.8)	12	13	92.3(64.0, 99.8)
BSM	26	38	68.4(51.3, 82.5)	61	80	76.2(65.4, 85.1)
BSCtoC	11	14	78.6(49.2, 95.3)	20	31	64.5(45.4, 80.8)
BSC	10	13	76.9(46.2, 95.0)	22	26	84.6(65.1, 95.6)
BSSL	29	34	85.3(68.9, 95.0)	48	63	76.2(63.8, 86.0)
BSOS	9	11	81.8(48.2, 97.7)	23	28	82.1(63.1, 93.9)
Total	148	179	82.7(76.3, 87.9)	291	356	81.7(77.3, 85.6)

Shaded boxes show confidence interval excludes target of >90%.

Table 2.g.2.1: Distribution of open biopsies by weight, Māori and non-Māori women aged 45–49 years and 50–69 years, 5 years (July 2010 to June 2015)

Lead Provider	Māori					Non-Māori				
	<30g	30-49g	50–69g	≥70 g	Unknown weight	<30g	30-49g	50–69g	≥70 g	Unknown weight
45–49 years										
BSWN	13	3	0	1	0	76	5	0	0	3
BSCM	8	0	1	0	0	43	4	0	0	1
BSAL	1	1	1	0	0	37	3	0	0	0
BSM	18	3	3	0	0	36	12	4	2	2
BSCtoC	3	0	0	0	0	15	2	1	0	6
BSC	1	0	0	0	0	18	7	0	0	1
BSSL	7	0	1	0	0	50	9	3	1	0
BSHC/BSOS	1	0	0	0	0	19	2	1	1	2
Total	52	7	6	1	0	294	44	9	4	15
50–69 years										
BSWN	18	0	1	0	1	139	10	2	4	5
BSCM	8	1	0	0	0	63	6	1	2	1
BSAL	3	0	0	0	0	38	2	1	0	0
BSM	22	3	3	2	1	90	18	6	2	2
BSCtoC	6	2	0	0	1	28	6	2	4	8
BSC	7	2	0	0	0	36	4	1	1	0
BSSL	5	2	0	0	0	83	25	4	3	0
BSHC/BSOS	1	0	0	0	0	49	6	0	3	1
Total	70	10	4	2	3	526	77	17	19	17

Table 2.g.2.2: Distribution of open biopsies by weight, Pacific and non-Māori non-Pacific women aged 45–49 years and 50–69 years, 5 years (July 2010 to June 2015)

Lead Provider	Pacific					Non-Māori Non-Pacific				
	<30g	30-49g	50–69g	≥70 g	Unknown weight	<30g	30-49g	50–69g	≥70 g	Unknown weight
45–49 years										
BSWN	0	1	0	0	0	76	4	0	0	3
BSCM	5	0	0	0	0	38	4	0	0	1
BSAL	0	0	0	0	0	37	3	0	0	0
BSM	0	0	0	0	0	36	12	4	2	2
BSCtoC	0	0	0	0	0	15	2	1	0	6
BSC	0	0	0	0	0	18	7	0	0	1
BSSL	1	0	1	0	0	49	9	2	1	0
BSHC/BSOS	0	0	0	0	0	19	2	1	1	2
Total	6	1	1	0	0	288	43	8	4	15
50–69 years										
BSWN	6	1	0	0	0	133	9	2	4	5
BSCM	10	2	0	1	0	53	4	1	1	1
BSAL	5	0	0	0	0	33	2	1	0	0
BSM	0	1	0	0	0	90	17	6	2	2
BSCtoC	0	0	0	1	1	28	6	2	3	7
BSC	2	1	0	0	0	34	3	1	1	0
BSSL	1	2	0	0	0	82	23	4	3	0
BSHC/BSOS	0	0	0	0	0	49	6	0	3	1
Total	24	7	0	2	1	502	70	17	17	16

Table 2.g.2.3: Distribution of open biopsies by weight, total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	45–49 years					50–69 years				
	<30g	30-49g	50–69g	≥70 g	Unknown weight	<30g	30-49g	50–69g	≥70 g	Unknown weight
BSWN	27	2	0	1	0	74	4	1	1	0
BSCM	24	1	0	0	1	31	3	0	0	1
BSAL	12	1	0	0	0	12	0	1	0	0
BSM	26	5	5	0	2	61	13	4	1	1
BSCtoC	11	1	1	0	1	20	5	2	3	1
BSC	10	2	0	0	1	22	4	0	0	0
BSSL	29	3	2	0	0	48	12	2	1	0
BSHC/BSOS	9	0	0	0	2	23	3	0	1	1
Total	148	15	8	1	7	291	44	10	7	4

2.h Pre-operative diagnosis rate

Description:

The number of women in which a needle biopsy provides the definitive diagnosis (pre-operative diagnosis), as a percentage of all women diagnosed with breast cancer in the programme.

Target for women aged 50–69 years:

>90% (desired target)

>70% (expected target)

Table 2.h.1: Percentage of Māori and non-Māori women with a preoperative diagnosis of cancer, aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number with pre-operative diagnosis of cancer	Number. of cancers	% of cancers with a pre-operative diagnosis (95% CI)	Number with pre-operative diagnosis of cancer	Number of cancers	% of cancers with a pre-operative diagnosis (95% CI)	
45–49 years							
BSWN	10	10	100.0 (69.2, 100.0)	70	78	89.7 (80.8, 95.5)	1.11 (0.80, 1.19) #
BSCM	9	9	100.0 (66.4, 100.0)	48	50	96.0 (86.3, 99.5)	1.04 (0.73, 1.11) #
BSAL	3	4	75.0 (19.4, 99.4)	36	36	100.0 (90.3, 100.0)	0.75 (0.29, 0.98) #
BSM	17	17	100.0 (80.5, 100.0)	53	61	86.9 (75.8, 94.2)	1.15 (0.93, 1.27) #
BSCtoC	15	16	93.8 (69.8, 99.8)	42	43	97.7 (87.7, 99.9)	0.96 (0.84, 1.10)
BSC	7	7	100.0 (59.0, 100.0)	38	40	95.0 (83.1, 99.4)	1.05 (0.68, 1.14) #
BSSL	12	12	100.0 (73.5, 100.0)	88	92	95.7 (89.2, 98.8)	1.05 (0.79, 1.09) #
BSOS	2	2	100.0 (15.8, 100.0)	30	34	88.2 (72.5, 96.7)	1.13 (0.34, 1.23) #
Total	75	77	97.4 (90.9, 99.7)	405	434	93.3 (90.5, 95.5)	1.04 (1.00, 1.09)
50–69 years							
BSWN	51	53	96.2 (87.0, 99.5)	312	337	92.6 (89.2, 95.1)	1.04 (0.98, 1.11)
BSCM	41	43	95.3 (84.2, 99.4)	222	231	96.1 (92.7, 98.2)	0.99 (0.92, 1.07)
BSAL	13	14	92.9 (66.1, 99.8)	167	172	97.1 (93.3, 99.0)	0.96 (0.83, 1.11)
BSM	103	113	91.2 (84.3, 95.7)	337	371	90.8 (87.4, 93.6)	1.00 (0.94, 1.07)
BSCtoC	49	53	92.5 (81.8, 97.9)	243	255	95.3 (91.9, 97.5)	0.97 (0.89, 1.05)
BSC	21	23	91.3 (72.0, 98.9)	182	190	95.8 (91.9, 98.2)	0.95 (0.84, 1.09)
BSSL	21	21	100.0 (83.9, 100.0)	461	470	98.1 (96.4, 99.1)	1.02 (0.86, 1.03) #
BSOS	7	8	87.5 (47.3, 99.7)	160	169	94.7 (90.1, 97.5)	0.92 (0.71, 1.20)
Total	306	328	93.3 (90.0, 95.7)	2,084	2,195	94.9 (93.9, 95.8)	0.98 (0.95, 1.01)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori.

Figure 2.h.a: Trends in the percentage of Māori and non-Māori women aged 50–69 years with a preoperative diagnosis of cancer, by Lead Provider, July 2008 to June 2015

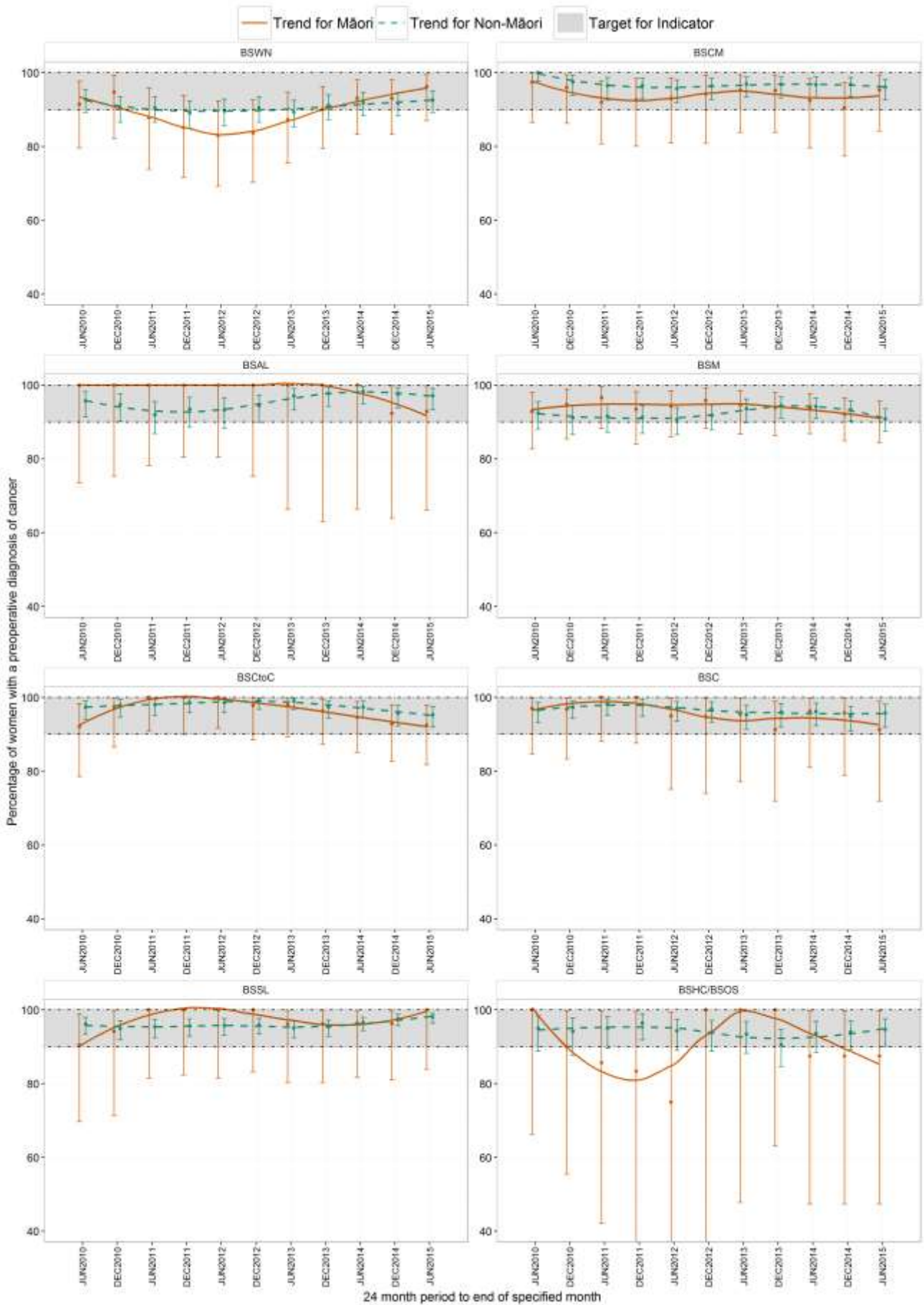


Table 2.h.2: Percentage of Pacific and non-Māori non-Pacific women with a preoperative diagnosis of cancer, aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number with pre-operative diagnosis of cancer	Number. of cancers	% of cancers with a pre-operative diagnosis (95% CI)	Number with pre-operative diagnosis of cancer	Number of cancers	% of cancers with a pre-operative diagnosis (95% CI)	
45–49 years							
BSWN	4	4	100.0(39.8, 100.0)	66	74	89.2(79.8, 95.2)	1.12 (0.54, 1.18) #
BSCM	11	11	100.0(71.5, 100.0)	37	39	94.9(82.7, 99.4)	1.05 (0.79, 1.15) #
BSAL	4	4	100.0(39.8, 100.0)	32	32	100.0(89.1, 100.0)	1.00 (0.49, 1.05) #
BSM	3	3	100.0(29.2, 100.0)	50	58	86.2(74.6, 93.9)	1.16 (0.47, 1.24) #
BSCtoC	2	2	100.0(15.8, 100.0)	40	41	97.6(87.1, 99.9)	1.03 (0.31, 1.06) #
BSC	2	3	66.7(9.4, 99.2)	36	37	97.3(85.8, 99.9)	0.69 (0.31, 1.53)
BSSL	2	2	100.0(15.8, 100.0)	86	90	95.6(89.0, 98.8)	1.05 (0.31, 1.06) #
BSOS	0	0	-	30	34	88.2(72.5, 96.7)	-
Total	28	29	96.6(82.2, 99.9)	377	405	93.1(90.2, 95.4)	1.04 (0.96, 1.12)
50–69 years							
BSWN	22	24	91.7(73.0, 99.0)	290	313	92.7(89.2, 95.3)	0.99 (0.87, 1.12)
BSCM	50	50	100.0(92.9, 100.0)	172	181	95.0(90.8, 97.7)	1.05 (0.98, 1.09) #
BSAL	18	18	100.0(81.5, 100.0)	149	154	96.8(92.6, 98.9)	1.03 (0.85, 1.06) #
BSM	5	6	83.3(35.9, 99.6)	332	365	91.0(87.5, 93.7)	0.92 (0.64, 1.31)
BSCtoC	1	1	100.0(2.5, 100.0)	242	254	95.3(91.9, 97.5)	1.05 (0.17, 1.04) #
BSC	13	13	100.0(75.3, 100.0)	169	177	95.5(91.3, 98.0)	1.05 (0.81, 1.07) #
BSSL	2	2	100.0(15.8, 100.0)	459	468	98.1(96.4, 99.1)	1.02 (0.30, 1.01) #
BSOS	3	3	100.0(29.2, 100.0)	157	166	94.6(90.0, 97.5)	1.06 (0.42, 1.07) #
Total	114	117	97.4(92.7, 99.5)	1,970	2,078	94.8(93.8, 95.7)	1.03 (1.00, 1.06)

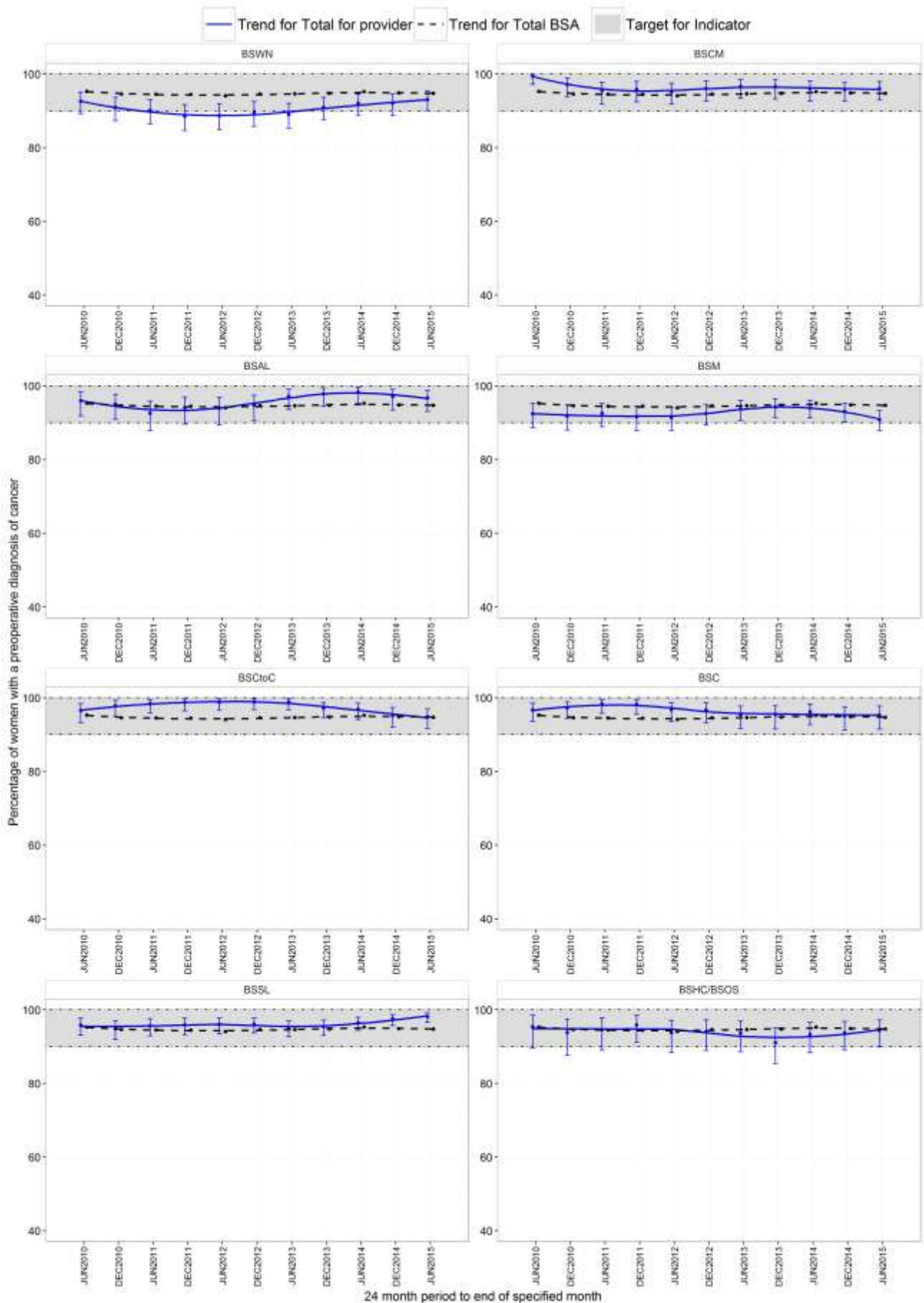
Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Desired target is >90%, expected target >70%.

Table 2.h.3: Percentage of total women with a preoperative diagnosis of cancer, aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Number with pre-operative diagnosis of cancer	Number. of cancers	% of cancers with a pre-operative diagnosis (95% CI)	Number with pre-operative diagnosis of cancer	Number of cancers	% of cancers with a pre-operative diagnosis (95% CI)
BSWN	80	88	90.9(82.9, 96.0)	363	390	93.1(90.1, 95.4)
BSCM	57	59	96.6(88.3, 99.6)	263	274	96.0(92.9, 98.0)
BSAL	39	40	97.5(86.8, 99.9)	180	186	96.8(93.1, 98.8)
BSM	70	78	89.7(80.8, 95.5)	440	484	90.9(88.0, 93.3)
BSCtoC	57	59	96.6(88.3, 99.6)	292	308	94.8(91.7, 97.0)
BSC	45	47	95.7(85.5, 99.5)	203	213	95.3(91.5, 97.7)
BSSL	100	104	96.2(90.4, 98.9)	482	491	98.2(96.5, 99.2)
BSOS	32	36	88.9(73.9, 96.9)	167	177	94.4(89.9, 97.3)
Total	480	511	93.9(91.5, 95.8)	2,390	2,523	94.7(93.8, 95.6)

Desired target is >90%, expected target >70%.

Figure 2.h.b: Trends in the percentage of total women aged 50–69 years with a preoperative diagnosis of cancer, by Lead Provider and all BSA, July 2008 to June 2015



2.1 Specificity

Description: Specificity is the proportion of women without breast cancer at screening with a negative screen result. This is estimated by expressing the number of women who have a negative screen result as a percentage of all women screened excluding the women screened positive with cancer. This is calculated as: Number with true negative screening results as a percentage of this number plus the number with false positive screening results.

Target for women aged 50–69 years: >93%

Table 2.1.1: Estimated specificity of BSA by Lead provider, by type of screen (initial and subsequent), 2 years (July 2013 to June 2015), Māori and non-Māori women aged 45–49 and 50–69 years

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Negative screens (RRS* from screen)	Negative screens plus false positives	Estimated specificity (95% CI)	Negative screens (RRS from screen)	Negative screens plus false positives	Estimated specificity (95% CI)	
45–49 years							
Initial screens							
BSWN	865	970	89.2 (87.0, 91.1)	6,547	7,210	90.8(90.1, 91.5)	0.98(0.96, 1.01)
BSCM	761	824	92.4 (90.3, 94.1)	4,986	5,317	93.8(93.1, 94.4)	0.98(0.96, 1.01)
BSAL	344	365	94.2 (91.3, 96.4)	4,527	4,849	93.4(92.6, 94.0)	1.01(0.98, 1.04)
BSM	1,473	1,656	88.9 (87.3, 90.4)	5,720	6,299	90.8(90.1, 91.5)	0.98(0.96, 1.00)
BSCtoC	977	1,059	92.3 (90.5, 93.8)	4,117	4,375	94.1(93.4, 94.8)	0.98(0.96, 1.00)
BSC	551	579	95.2 (93.1, 96.8)	4,540	4,834	93.9(93.2, 94.6)	1.01(0.99, 1.03)
BSSL	610	692	88.2 (85.5, 90.5)	7,840	8,700	90.1(89.5, 90.7)	0.98(0.95, 1.01)
BSOS	272	308	88.3 (84.2, 91.7)	3,302	3,697	89.3(88.3, 90.3)	0.99(0.95, 1.03)
Total	5,853	6,453	90.7 (90.0, 91.4)	41,579	45,281	91.8(91.6, 92.1)	0.99(0.98, 1.00)
Subsequent screens							
BSWN	1,082	1,139	95.0 (93.6, 96.2)	9,080	9,516	95.4(95.0, 95.8)	1.00(0.98, 1.01)
BSCM	798	821	97.2 (95.8, 98.2)	6,152	6,414	95.9(95.4, 96.4)	1.01(1.00, 1.03)
BSAL	376	384	97.9 (95.9, 99.1)	5,855	6,071	96.4(95.9, 96.9)	1.02(1.00, 1.03)
BSM	1,256	1,312	95.7 (94.5, 96.8)	6,585	6,945	94.8(94.3, 95.3)	1.01(1.00, 1.02)
BSCtoC	1,228	1,257	97.7 (96.7, 98.4)	6,112	6,245	97.9(97.5, 98.2)	1.00(0.99, 1.01)
BSC	621	636	97.6 (96.1, 98.7)	5,764	5,967	96.6(96.1, 97.0)	1.01(1.00, 1.02)
BSSL	822	864	95.1 (93.5, 96.5)	12,687	13,344	95.1(94.7, 95.4)	1.00(0.99, 1.02)
BSOS	235	252	93.3 (89.4, 96.0)	3,365	3,557	94.6(93.8, 95.3)	0.99(0.95, 1.02)
Total	6,418	6,665	96.3 (95.8, 96.7)	55,600	58,059	95.8(95.6, 95.9)	1.01(1.00, 1.01)
50–69 years							
Initial screens							
BSWN	242	282	85.8(81.2, 89.7)	2,530	2,841	89.1(87.8, 90.2)	0.96(0.92, 1.01)
BSCM	234	254	92.1(88.1, 95.1)	2,275	2,438	93.3(92.2, 94.3)	0.99(0.95, 1.02)
BSAL	99	111	89.2(81.9, 94.3)	1,986	2,103	94.4(93.4, 95.4)	0.94(0.88, 1.01)
BSM	817	923	88.5(86.3, 90.5)	2,687	2,941	91.4(90.3, 92.4)	0.97(0.94, 0.99)
BSCtoC	495	535	92.5(90.0, 94.6)	1,652	1,751	94.3(93.2, 95.4)	0.98(0.95, 1.01)
BSC	159	177	89.8(84.4, 93.9)	1,781	1,899	93.8(92.6, 94.8)	0.96(0.91, 1.01)
BSSL	107	122	87.7(80.5, 93.0)	1,562	1,762	88.6(87.1, 90.1)	0.99(0.92, 1.06)
BSOS	59	73	80.8(69.9, 89.1)	929	1,031	90.1(88.1, 91.9)	0.90(0.80, 1.00)
Total	2,212	2,477	89.3(88.0, 90.5)	15,402	16,766	91.9(91.4, 92.3)	0.97(0.96, 0.99)
Subsequent screens							
BSWN	5,631	5,817	96.8(96.3, 97.2)	50,329	51,864	97.0(96.9, 97.2)	1.00(0.99, 1.00)
BSCM	3,659	3,746	97.7(97.1, 98.1)	29,989	30,885	97.1(96.9, 97.3)	1.01(1.00, 1.01)
BSAL	1,844	1,888	97.7(96.9, 98.3)	28,024	28,709	97.6(97.4, 97.8)	1.00(0.99, 1.01)
BSM	7,568	7,799	97.0(96.6, 97.4)	46,270	47,727	96.9(96.8, 97.1)	1.00(1.00, 1.01)
BSCtoC	6,480	6,588	98.4(98.0, 98.7)	42,468	43,098	98.5(98.4, 98.6)	1.00(0.99, 1.00)
BSC	2,970	3,054	97.2(96.6, 97.8)	34,200	35,149	97.3(97.1, 97.5)	1.00(0.99, 1.01)
BSSL	3,347	3,459	96.8(96.1, 97.3)	67,866	70,087	96.8(96.7, 97.0)	1.00(0.99, 1.01)
BSOS	1,174	1,208	97.2(96.1, 98.0)	24,841	25,749	96.5(96.2, 96.7)	1.01(1.00, 1.02)
Total	32,673	33,559	97.4(97.2, 97.5)	323,987	333,268	97.2(97.2, 97.3)	1.00 (1.00, 1.00)

Shaded boxes show confidence interval excludes target of >93% for women aged 50–69 years. Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori.*RRS=return to routine screening.

Table 2.1.2: Estimated specificity of BSA by Lead provider, by type of screen (initial and subsequent), 2 years (July 2013 to June 2015), Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Negative screens (RRS* from screen)	Negative screens plus false positives	Estimated specificity (95% CI)	Negative screens (RRS* from screen)	Negative screens plus false positives	Estimated specificity (95% CI)	
45–49 years							
Initial screens							
BSWN	430	474	90.7(87.7, 93.2)	6,117	6,736	90.8(90.1, 91.5)	1.00(0.97, 1.03)
BSCM	1,231	1,295	95.1(93.7, 96.2)	3,755	4,022	93.4(92.5, 94.1)	1.02(1.00, 1.03)
BSAL	596	634	94.0(91.9, 95.7)	3,931	4,215	93.3(92.5, 94.0)	1.01(0.99, 1.03)
BSM	155	168	92.3(87.1, 95.8)	5,565	6,131	90.8(90.0, 91.5)	1.02(0.97, 1.06)
BSCtoC	95	104	91.3(84.2, 96.0)	4,022	4,271	94.2(93.4, 94.9)	0.97(0.91, 1.03)
BSC	301	322	93.5(90.2, 95.9)	4,239	4,512	93.9(93.2, 94.6)	0.99(0.97, 1.03)
BSSL	106	113	93.8(87.7, 97.5)	7,734	8,587	90.1(89.4, 90.7)	1.04(0.99, 1.09)
BSOS	40	49	81.6(68.0, 91.2)	3,262	3,648	89.4(88.4, 90.4)	0.91(0.80, 1.04)
Total	2,954	3,159	93.5(92.6, 94.3)	38,625	42,122	91.7(91.4, 92.0)	1.02(1.01, 1.03)
Subsequent screens							
BSWN	532	548	97.1(95.3, 98.3)	8,548	8,968	95.3(94.9, 95.7)	1.02(1.00, 1.03)
BSCM	1,305	1,354	96.4(95.2, 97.3)	4,847	5,060	95.8(95.2, 96.3)	1.01(0.99, 1.02)
BSAL	719	737	97.6(96.2, 98.5)	5,136	5,334	96.3(95.7, 96.8)	1.01(1.00, 1.03)
BSM	111	117	94.9(89.2, 98.1)	6,474	6,828	94.8(94.3, 95.3)	1.00(0.96, 1.04)
BSCtoC	112	112	100.0(96.8, 100.0)	6,000	6,133	97.8(97.4, 98.2)	1.02(0.99, 1.02) #
BSC	323	339	95.3(92.4, 97.3)	5,441	5,628	96.7(96.2, 97.1)	0.99(0.96, 1.01)
BSSL	148	152	97.4(93.4, 99.3)	12,539	13,192	95.1(94.7, 95.4)	1.02(1.00, 1.05)
BSOS	35	35	100.0(90.0, 100.0)	3,330	3,522	94.5(93.7, 95.3)	1.06(0.96, 1.06) #
Total	3,285	3,394	96.8(96.1, 97.4)	52,315	54,665	95.7(95.5, 95.9)	1.01(1.00, 1.02)
50–69 years							
Initial screens							
BSWN	132	152	86.8(80.4, 91.8)	2,398	2,689	89.2(87.9, 90.3)	0.97(0.91, 1.04)
BSCM	447	482	92.7(90.0, 94.9)	1,828	1,956	93.5(92.3, 94.5)	0.99(0.97, 1.02)
BSAL	190	205	92.7(88.2, 95.8)	1,796	1,898	94.6(93.5, 95.6)	0.98(0.94, 1.02)
BSM	106	110	96.4(91.0, 99.0)	2,581	2,831	91.2(90.1, 92.2)	1.06(1.02, 1.10)
BSCtoC	52	55	94.5(84.9, 98.9)	1,600	1,696	94.3(93.1, 95.4)	1.00(0.94, 1.07)
BSC	118	124	95.2(89.8, 98.2)	1,663	1,775	93.7(92.5, 94.8)	1.02(0.97, 1.06)
BSSL	33	36	91.7(77.5, 98.2)	1,529	1,726	88.6(87.0, 90.0)	1.03(0.94, 1.14)
BSOS	11	13	84.6(54.6, 98.1)	918	1,018	90.2(88.2, 91.9)	0.94(0.74, 1.18)
BSWN	1,089	1,177	92.5(90.9, 94.0)	14,313	15,589	91.8(91.4, 92.2)	1.01(0.99, 1.02)
Subsequent screens							
BSWN	2,438	2,508	97.2(96.5, 97.8)	47,891	49,356	97.0(96.9, 97.2)	1.00(1.00, 1.01)
BSCM	5,559	5,710	97.4(96.9, 97.8)	24,430	25,175	97.0(96.8, 97.2)	1.00(1.00, 1.01)
BSAL	2,849	2,905	98.1(97.5, 98.5)	25,175	25,804	97.6(97.4, 97.7)	1.01(1.00, 1.01)
BSM	538	551	97.6(96.0, 98.7)	45,732	47,176	96.9(96.8, 97.1)	1.01(0.99, 1.02)
BSCtoC	543	552	98.4(96.9, 99.3)	41,925	42,546	98.5(98.4, 98.7)	1.00(0.99, 1.01)
BSC	1,669	1,709	97.7(96.8, 98.3)	32,531	33,440	97.3(97.1, 97.5)	1.00(1.00, 1.01)
BSSL	544	557	97.7(96.0, 98.8)	67,322	69,530	96.8(96.7, 97.0)	1.01(1.00, 1.02)
BSOS	150	152	98.7(95.3, 99.8)	24,691	25,597	96.5(96.2, 96.7)	1.02(1.00, 1.04)
Total	14,290	14,644	97.6(97.3, 97.8)	309,697	318,624	97.2(97.1, 97.3)	1.00(1.00, 1.01)

*RRS=return to routine screening Shaded boxes show confidence interval excludes target of >93% for women 50–69 years. Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women.

Table 2.1.3: Estimated specificity of BSA by Lead provider, by type of screen (initial and subsequent), 2 years (July 2013 to June 2015), total women aged 45–49 years and 50–69 years

Lead provider	45–49 years			50–69 years		
	Negative screens (RRS* from screen)	Negative screens plus false positives	Estimated specificity (95% CI)	Negative screens (RRS* from screen)	Negative screens plus false positives	Estimated specificity (95% CI)
Initial screen						
BSWN	7,412	8,180	90.6(90.0, 91.2)	2,772	3,123	88.8(87.6, 89.8)
BSCM	5,747	6,141	93.6(92.9, 94.2)	2,509	2,692	93.2(92.2, 94.1)
BSAL	4,871	5,214	93.4(92.7, 94.1)	2,085	2,214	94.2(93.1, 95.1)
BSM	7,193	7,955	90.4(89.8, 91.1)	3,504	3,864	90.7(89.7, 91.6)
BSCtoC	5,094	5,434	93.7(93.1, 94.4)	2,147	2,286	93.9(92.9, 94.9)
BSC	5,091	5,413	94.1(93.4, 94.7)	1,940	2,076	93.4(92.3, 94.5)
BSSL	8,450	9,392	90.0(89.3, 90.6)	1,669	1,884	88.6(87.1, 90.0)
BSOS	3,574	4,005	89.2(88.2, 90.2)	988	1,104	89.5(87.5, 91.2)
Total	47,432	51,734	91.7(91.4, 91.9)	17,614	19,243	91.5(91.1, 91.9)
Subsequent screen						
BSWN	10,162	10,655	95.4(95.0, 95.8)	55,960	57,681	97.0(96.9, 97.2)
BSCM	6,950	7,235	96.1(95.6, 96.5)	33,648	34,631	97.2(97.0, 97.3)
BSAL	6,231	6,455	96.5(96.1, 97.0)	29,868	30,597	97.6(97.4, 97.8)
BSM	7,841	8,257	95.0(94.5, 95.4)	53,838	55,526	97.0(96.8, 97.1)
BSCtoC	7,340	7,502	97.8(97.5, 98.2)	48,948	49,686	98.5(98.4, 98.6)
BSC	6,385	6,603	96.7(96.2, 97.1)	37,170	38,203	97.3(97.1, 97.5)
BSSL	13,509	14,208	95.1(94.7, 95.4)	71,213	73,546	96.8(96.7, 97.0)
BSOS	3,600	3,809	94.5(93.7, 95.2)	26,015	26,957	96.5(96.3, 96.7)
Total	62,018	64,724	95.8(95.7, 96.0)	356,660	366,827	97.2(97.2, 97.3)

Shaded boxes show confidence interval excludes target of >93%.

*RRS=return to routine screening

2.m Benign biopsy rate

Description: The number of open biopsies that turn out to be benign lesions, expressed as a proportion of women screened.

Target for women aged 50–69 years:

Initial (prevalent) screen: ≤ 3.5 per 1,000 women screened

Subsequent (incident) screen: ≤ 1.6 per 1,000 women screened

Table 2.m.1: Benign open biopsies as a proportion of Māori and non-Māori women screened, aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)	
45–49 years							
Initial screen							
BSWN	1	978	1.0 (0.0, 5.7)	16	7,268	2.2 (1.3, 3.6)	0.46 (0.06, 3.50)
BSCM	1	831	1.2 (0.0, 6.7)	14	5,363	2.6 (1.4, 4.4)	0.46 (0.06, 3.50)
BSAL	0	369	0.0 (0.0, 9.9)	7	4,882	1.4 (0.6, 3.0)	0.00 (0.00, 9.18)
BSM	9	1,670	5.4 (2.5, 10.2)	16	6,337	2.5 (1.4, 4.1)	2.13 (0.94, 4.82)
BSCtoC	0	1,072	0.0 (0.0, 3.4)	8	4,402	1.8 (0.8, 3.6)	0.00 (0.00, 2.41)
BSC	1	581	1.7 (0.0, 9.6)	5	4,858	1.0 (0.3, 2.4)	1.67 (0.20, 14.29)
BSSL	4	699	5.7 (1.6, 14.6)	18	8,742	2.1 (1.2, 3.3)	2.78 (0.94, 8.19)
BSOS	0	311	0.0 (0.0, 11.8)	7	3,731	1.9 (0.8, 3.9)	0.00 (0.00, 8.32)
Total	16	6,511	2.5 (1.4, 4.0)	91	45,583	2.0 (1.6, 2.5)	1.23 (0.72, 2.09)
Subsequent screen							
BSWN	3	1,143	2.6 (0.5, 7.7)	9	9,556	0.9 (0.4, 1.8)	2.79 (0.76, 10.28)
BSCM	2	827	2.4 (0.3, 8.7)	8	6,437	1.2 (0.5, 2.4)	1.95 (0.41, 9.15)
BSAL	0	386	0.0 (0.0, 9.5)	6	6,096	1.0 (0.4, 2.1)	0.00 (0.00, 13.41)
BSM	2	1,319	1.5 (0.2, 5.5)	8	6,981	1.1 (0.5, 2.3)	1.32 (0.28, 6.22)
BSCtoC	1	1,262	0.8 (0.0, 4.4)	4	6,266	0.6 (0.2, 1.6)	1.24 (0.14, 11.10)
BSC	0	641	0.0 (0.0, 5.7)	6	5,994	1.0 (0.4, 2.2)	0.00 (0.00, 7.94)
BSSL	1	870	1.1 (0.0, 6.4)	11	13,404	0.8 (0.4, 1.5)	1.40 (0.18, 10.84)
BSOS	0	252	0.0 (0.0, 14.5)	4	3,563	1.1 (0.3, 2.9)	0.00 (0.00, 21.42)
Total	9	6,700	1.3 (0.6, 2.5)	56	58,297	1.0 (0.7, 1.2)	1.40 (0.69, 2.83)
50–69 years							
Initial screen							
BSWN	3	287	10.5 (2.2, 30.2)	9	2,873	3.1 (1.4, 5.9)	3.34 (0.91, 12.26)
BSCM	0	263	0.0 (0.0, 13.9)	6	2,495	2.4 (0.9, 5.2)	0.00 (0.00, 8.06)
BSAL	0	117	0.0 (0.0, 31.0)	2	2,139	0.9 (0.1, 3.4)	0.00 (0.00, 97.34)
BSM	5	950	5.3 (1.7, 12.2)	14	2,991	4.7 (2.6, 7.8)	1.12 (0.41, 3.11)
BSCtoC	1	549	1.8 (0.0, 10.1)	6	1,778	3.4 (1.2, 7.3)	0.54 (0.07, 4.47)
BSC	0	179	0.0 (0.0, 20.4)	3	1,911	1.6 (0.3, 4.6)	0.00 (0.00, 25.84)
BSSL	0	125	0.0 (0.0, 29.1)	14	1,778	7.9 (4.3, 13.2)	0.00 (0.00, 4.29)
BSOS	1	73	13.7 (0.3, 74.0)	4	1,052	3.8 (1.0, 9.7)	3.60 (0.41, 31.82)
Total	10	2,543	3.9 (1.9, 7.2)	58	17,017	3.4 (2.6, 4.4)	1.15 (0.59, 2.25)
Subsequent screen							
BSWN	6	5,867	1.0 (0.4, 2.2)	60	52,208	1.1 (0.9, 1.5)	0.89 (0.38, 2.06)
BSCM	3	3,789	0.8 (0.2, 2.3)	26	31,095	0.8 (0.5, 1.2)	0.95 (0.29, 3.13)
BSAL	2	1,900	1.1 (0.1, 3.8)	9	28,882	0.3 (0.1, 0.6)	3.38 (0.73, 15.62)
BSM	12	7,898	1.5 (0.8, 2.7)	41	48,093	0.9 (0.6, 1.2)	1.78 (0.94, 3.39)
BSCtoC	2	6,631	0.3 (0.0, 1.1)	22	43,338	0.5 (0.3, 0.8)	0.59 (0.14, 2.53)
BSC	4	3,077	1.3 (0.4, 3.3)	18	35,343	0.5 (0.3, 0.8)	2.55 (0.86, 7.54)
BSSL	3	3,477	0.9 (0.2, 2.5)	43	70,553	0.6 (0.4, 0.8)	1.42 (0.44, 4.56)
BSOS	0	1,218	0.0 (0.0, 3.0)	20	25,916	0.8 (0.5, 1.2)	0.00 (0.00, 4.31)
Total	32	33,857	0.9 (0.6, 1.3)	239	335,428	0.7 (0.6, 0.8)	1.33 (0.92, 1.92)

Ratios above one are unfavourable to Māori. The targets are ≤ 3.5 per 1,000 women having initial screens and ≤ 1.6 per 1,000 women having subsequent screens for women 50–69 years.

Table 2.m.2: Benign open biopsies as a proportion of Pacific and non-Māori non-Pacific women screened, aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)	
45–49 years							
Initial screen							
BSWN	0	478	0.0 (0.0, 7.7)	16	6,790	2.4(1.3, 3.8)	0.00 (0.00, 3.68)
BSCM	1	1,308	0.8 (0.0, 4.3)	13	4,055	3.2(1.7, 5.5)	0.24 (0.03, 1.82)
BSAL	0	638	0.0 (0.0, 5.8)	7	4,244	1.6(0.7, 3.4)	0.00 (0.00, 4.62)
BSM	0	171	0.0 (0.0, 21.3)	16	6,166	2.6(1.5, 4.2)	0.00 (0.00, 9.35)
BSCtoC	0	105	0.0 (0.0, 34.5)	8	4,297	1.9(0.8, 3.7)	0.00 (0.00, 23.97)
BSC	0	324	0.0 (0.0, 11.3)	5	4,534	1.1(0.4, 2.6)	0.00 (0.00, 15.27)
BSSL	1	114	8.8 (0.2, 47.9)	17	8,628	2.0(1.1, 3.2)	4.45 (0.60, 33.17)
BSOS	0	49	0.0 (0.0, 72.5)	7	3,682	1.9(0.8, 3.9)	0.00 (0.00, 52.14)
Total	2	3,187	0.6 (0.1, 2.3)	89	42,396	2.1(1.7, 2.6)	0.30 (0.07, 1.21)
Subsequent screen							
BSWN	0	552	0.0 (0.0, 6.7)	9	9,004	1.0(0.5, 1.9)	0.00 (0.00, 8.26)
BSCM	0	1,357	0.0 (0.0, 2.7)	8	5,080	1.6(0.7, 3.1)	0.00 (0.00, 2.19)
BSAL	0	740	0.0 (0.0, 5.0)	6	5,356	1.1(0.4, 2.4)	0.00 (0.00, 6.15)
BSM	0	118	0.0 (0.0, 30.8)	8	6,863	1.2(0.5, 2.3)	0.00 (0.00, 34.07)
BSCtoC	0	113	0.0 (0.0, 32.1)	4	6,153	0.7(0.2, 1.7)	0.00 (0.00, 82.49)
BSC	0	342	0.0 (0.0, 10.7)	6	5,652	1.1(0.4, 2.3)	0.00 (0.00, 14.04)
BSSL	0	153	0.0 (0.0, 23.8)	11	13,251	0.8(0.4, 1.5)	0.00 (0.00, 34.51)
BSOS	0	35	0.0 (0.0, 100.0)	4	3,528	1.1(0.3, 2.9)	0.00 (0.00, 152.70)
Total	0	3,410	0.0 (0.0, 1.1)	56	54,887	1.0(0.8, 1.3)	0.00 (0.00, 1.10)
50–69 years							
Initial screen							
BSWN	1	155	6.5 (0.2, 35.4)	8	2,718	2.9(1.3, 5.8)	2.19 (0.28, 17.41)
BSCM	1	506	2.0 (0.1, 11.0)	5	1,989	2.5(0.8, 5.9)	0.79 (0.09, 6.71)
BSAL	1	212	4.7 (0.1, 26.0)	1	1,927	0.5(0.0, 2.9)	9.09 (0.57, 144.79)
BSM	0	111	0.0 (0.0, 32.7)	14	2,880	4.9(2.7, 8.1)	0.00 (0.00, 7.82)
BSCtoC	1	56	17.9 (0.5, 95.5)	5	1,722	2.9(0.9, 6.8)	6.15 (0.73, 51.78)
BSC	0	124	0.0 (0.0, 29.3)	3	1,787	1.7(0.3, 4.9)	0.00 (0.00, 34.87)
BSSL	0	36	0.0 (0.0, 97.4)	14	1,742	8.0(4.4, 13.4)	0.00 (0.00, 14.59)
BSOS	0	13	0.0 (0.0, 247.1)	4	1,039	3.8(1.0, 9.8)	0.00 (0.00, 121.07)
Total	4	1,213	3.3 (0.9, 8.4)	54	15,804	3.4(2.6, 4.5)	0.97 (0.35, 2.66)
Subsequent screen							
BSWN	4	2,534	1.6 (0.4, 4.0)	56	49,674	1.1(0.9, 1.5)	1.40 (0.51, 3.86)
BSCM	4	5,748	0.7 (0.2, 1.8)	22	25,347	0.9(0.5, 1.3)	0.80 (0.28, 2.33)
BSAL	1	2,925	0.3 (0.0, 1.9)	8	25,957	0.3(0.1, 0.6)	1.11 (0.14, 8.87)
BSM	1	557	1.8 (0.0, 10.0)	40	47,536	0.8(0.6, 1.1)	2.13 (0.29, 15.49)
BSCtoC	0	553	0.0 (0.0, 6.6)	22	42,785	0.5(0.3, 0.8)	0.00 (0.00, 14.12)
BSC	0	1,723	0.0 (0.0, 2.1)	18	33,620	0.5(0.3, 0.8)	0.00 (0.00, 4.44)
BSSL	0	559	0.0 (0.0, 6.6)	43	69,994	0.6(0.4, 0.8)	0.00 (0.00, 11.22)
BSOS	0	155	0.0 (0.0, 23.5)	20	25,761	0.8(0.5, 1.2)	0.00 (0.00, 33.66)
Total	10	14,754	0.7 (0.3, 1.2)	229	320,674	0.7(0.6, 0.8)	0.95 (0.50, 1.79)

Ratios above one are unfavourable to Pacific women. Shaded boxes show the value excludes the target of ≤ 3.5 per 1,000 women having initial screens and ≤ 1.6 per 1,000 women having subsequent screens.

Table 2.m.3: Benign open biopsies as a proportion of total women screened, aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)	Benign open biopsies	Number of women screened	Benign biopsies per 1,000 women screened (95% CI)
Initial screen						
BSWN	17	8,246	2.1 (1.2, 3.3)	12	3,160	3.8 (2.0, 6.6)
BSCM	15	6,194	2.4 (1.4, 4.0)	6	2,758	2.2 (0.8, 4.7)
BSAL	7	5,251	1.3 (0.5, 2.7)	2	2,256	0.9 (0.1, 3.2)
BSM	25	8,007	3.1 (2.0, 4.6)	19	3,941	4.8 (2.9, 7.5)
BSCtoC	8	5,474	1.5 (0.6, 2.9)	7	2,327	3.0 (1.2, 6.2)
BSC	6	5,439	1.1 (0.4, 2.4)	3	2,090	1.4 (0.3, 4.2)
BSSL	22	9,441	2.3 (1.5, 3.5)	14	1,903	7.4 (4.0, 12.3)
BSOS	7	4,042	1.7 (0.7, 3.6)	5	1,125	4.4 (1.4, 10.3)
Total	107	52,094	2.1 (1.7, 2.5)	68	19,560	3.5 (2.7, 4.4)
Subsequent screen						
BSWN	12	10,699	1.1 (0.6, 2.0)	66	58,075	1.1 (0.9, 1.4)
BSCM	10	7,264	1.4 (0.7, 2.5)	29	34,884	0.8 (0.6, 1.2)
BSAL	6	6,482	0.9 (0.3, 2.0)	11	30,782	0.4 (0.2, 0.6)
BSM	10	8,300	1.2 (0.6, 2.2)	53	55,991	0.9 (0.7, 1.2)
BSCtoC	5	7,528	0.7 (0.2, 1.5)	24	49,969	0.5 (0.3, 0.7)
BSC	6	6,635	0.9 (0.3, 2.0)	22	38,420	0.6 (0.4, 0.9)
BSSL	12	14,274	0.8 (0.4, 1.5)	46	74,030	0.6 (0.5, 0.8)
BSOS	4	3,815	1.0 (0.3, 2.7)	20	27,134	0.7 (0.5, 1.1)
Total	65	64,997	1.0 (0.8, 1.3)	271	369,285	0.7 (0.6, 0.8)

The targets are ≤ 3.5 per 1,000 women having initial screens and ≤ 1.6 per 1,000 women having subsequent screens.

SECTION 3: EARLY DETECTION OF DCIS OR INVASIVE BREAST CANCER

3.a.1 Detection of DCIS or invasive breast cancer

Description: The number of women who have breast cancer detected within BSA, expressed as a rate per 1,000 screens. Targets now only apply to invasive breast cancers.

Table 3.a.1.1: Detection rate of DCIS and invasive breast cancer per 1,000 screens, Māori and non-Māori women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	
45–49 years							
Initial screen							
BSWN	7	988	7.1 (2.9, 14.5)	44	7,403	5.9 (4.3, 8.0)	1.19 (0.54, 2.64)
BSCM	4	838	4.8 (1.3, 12.2)	32	5,463	5.9 (4.0, 8.3)	0.81 (0.29, 2.30)
BSAL	2	376	5.3 (0.6, 19.1)	20	5,031	4.0 (2.4, 6.1)	1.34 (0.31, 5.70)
BSM	11	1,707	6.4 (3.2, 11.5)	30	6,577	4.6 (3.1, 6.5)	1.41 (0.71, 2.81)
BSCtoC	11	1,117	9.8 (4.9, 17.6)	24	4,691	5.1 (3.3, 7.6)	1.92 (0.95, 3.92)
BSC	2	604	3.3 (0.4, 11.9)	22	4,934	4.5 (2.8, 6.7)	0.74 (0.18, 3.15)
BSSL	7	711	9.8 (4.0, 20.2)	37	8,877	4.2 (2.9, 5.7)	2.36 (1.06, 5.28)
BSOS	2	312	6.4 (0.8, 23.0)	29	3,748	7.7 (5.2, 11.1)	0.83 (0.20, 3.46)
Total	46	6,653	6.9 (5.1, 9.2)	238	46,724	5.1 (4.5, 5.8)	1.36 (0.99, 1.86)
Subsequent screen							
BSWN	3	1,151	2.6 (0.5, 7.6)	34	9,764	3.5 (2.4, 4.9)	0.75 (0.23, 2.43)
BSCM	5	840	6.0 (1.9, 13.8)	18	6,588	2.7 (1.6, 4.3)	2.18 (0.81, 5.85)
BSAL	2	392	5.1 (0.6, 18.3)	16	6,272	2.6 (1.5, 4.1)	2.00 (0.46, 8.67)
BSM	6	1,366	4.4 (1.6, 9.5)	31	7,265	4.3 (2.9, 6.1)	1.03 (0.43, 2.46)
BSCtoC	5	1,323	3.8 (1.2, 8.8)	19	6,665	2.9 (1.7, 4.4)	1.33 (0.50, 3.54)
BSC	5	660	7.6 (2.5, 17.6)	18	6,134	2.9 (1.7, 4.6)	2.58 (0.96, 6.93)
BSSL	5	887	5.6 (1.8, 13.1)	55	13,655	4.0 (3.0, 5.2)	1.40 (0.56, 3.49)
BSOS	0	252	0.0 (0.0, 14.5)	5	3,579	1.4 (0.5, 3.3)	0.00 (0.00, 15.50)
Total	31	6,871	4.5 (3.1, 6.4)	196	59,922	3.3 (2.8, 3.8)	1.38 (0.95, 2.01)
50–69 years							
Initial screen							
BSWN	4	288	13.9 (3.8, 35.2)	21	2,921	7.2 (4.5, 11.0)	1.93 (0.67, 5.59)
BSCM	5	267	18.7 (6.1, 43.2)	42	2,529	16.6 (12.0, 22.4)	1.13 (0.45, 2.83)
BSAL	5	119	42.0 (13.8, 95.3)	22	2,217	9.9 (6.2, 15.0)	4.23 (1.63, 10.99)
BSM	21	981	21.4 (13.3, 32.5)	40	3,063	13.1 (9.3, 17.7)	1.64 (0.97, 2.77)
BSCtoC	12	571	21.0 (10.9, 36.4)	24	1,876	12.8 (8.2, 19.0)	1.64 (0.83, 3.26)
BSC	2	183	10.9 (1.3, 38.9)	11	1,936	5.7 (2.8, 10.1)	1.92 (0.43, 8.61)
BSSL	3	127	23.6 (4.9, 67.5)	13	1,798	7.2 (3.9, 12.3)	3.27 (0.94, 11.32)
BSOS	0	73	0.0 (0.0, 49.3)	15	1,058	14.2 (8.0, 23.3)	0.00 (0.00, 4.04)
Total	52	2,609	19.9 (14.9, 26.1)	188	17,398	10.8 (9.3, 12.5)	1.84 (1.36, 2.50)
Subsequent screen							
BSWN	49	5,892	8.3 (6.2, 11.0)	316	53,444	5.9 (5.3, 6.6)	1.41 (1.04, 1.90)
BSCM	38	3,842	9.9 (7.0, 13.6)	189	31,712	6.0 (5.1, 6.9)	1.66 (1.17, 2.35)
BSAL	9	1,951	4.6 (2.1, 8.7)	150	29,843	5.0 (4.3, 5.9)	0.92 (0.47, 1.80)
BSM	92	8,246	11.2 (9.0, 13.7)	331	50,098	6.6 (5.9, 7.4)	1.69 (1.34, 2.12)
BSCtoC	41	6,916	5.9 (4.3, 8.0)	231	45,837	5.0 (4.4, 5.7)	1.18 (0.84, 1.64)
BSC	21	3,152	6.7 (4.1, 10.2)	179	35,912	5.0 (4.3, 5.8)	1.34 (0.85, 2.10)
BSSL	18	3,549	5.1 (3.0, 8.0)	457	72,023	6.3 (5.8, 7.0)	0.80 (0.50, 1.28)
BSOS	8	1,220	6.6 (2.8, 12.9)	154	26,026	5.9 (5.0, 6.9)	1.11 (0.55, 2.25)
Total	276	34,768	7.9 (7.0, 8.9)	2,007	344,895	5.8 (5.6, 6.1)	1.36 (1.20, 1.55)

A ratio above 1.0 shows Māori have a higher rate of screen-detected cancer than non-Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori.

Figure 3.a.1.a: Trends in the detection rate of DCIS and invasive breast cancer per 1,000 initial screens for Māori and non-Māori women aged 50–69 years, by Lead Provider July 2008 to June 2015

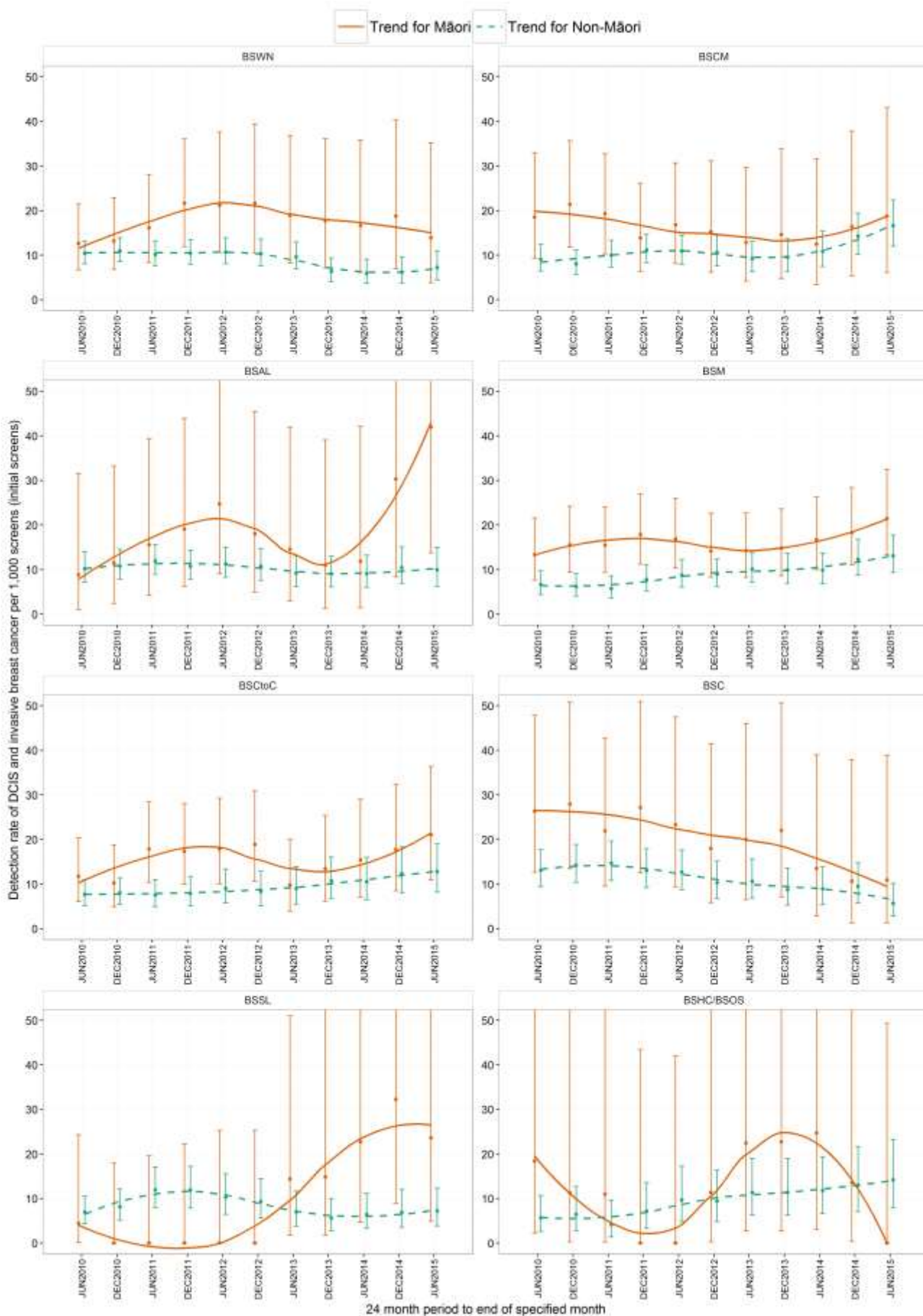


Figure 3.a.1.b: Trends in the detection rate of DCIS and invasive breast cancer per 1,000 subsequent screens for Māori and non-Māori women aged 50–69 years, by Lead Provider, July 2008 to June 2015

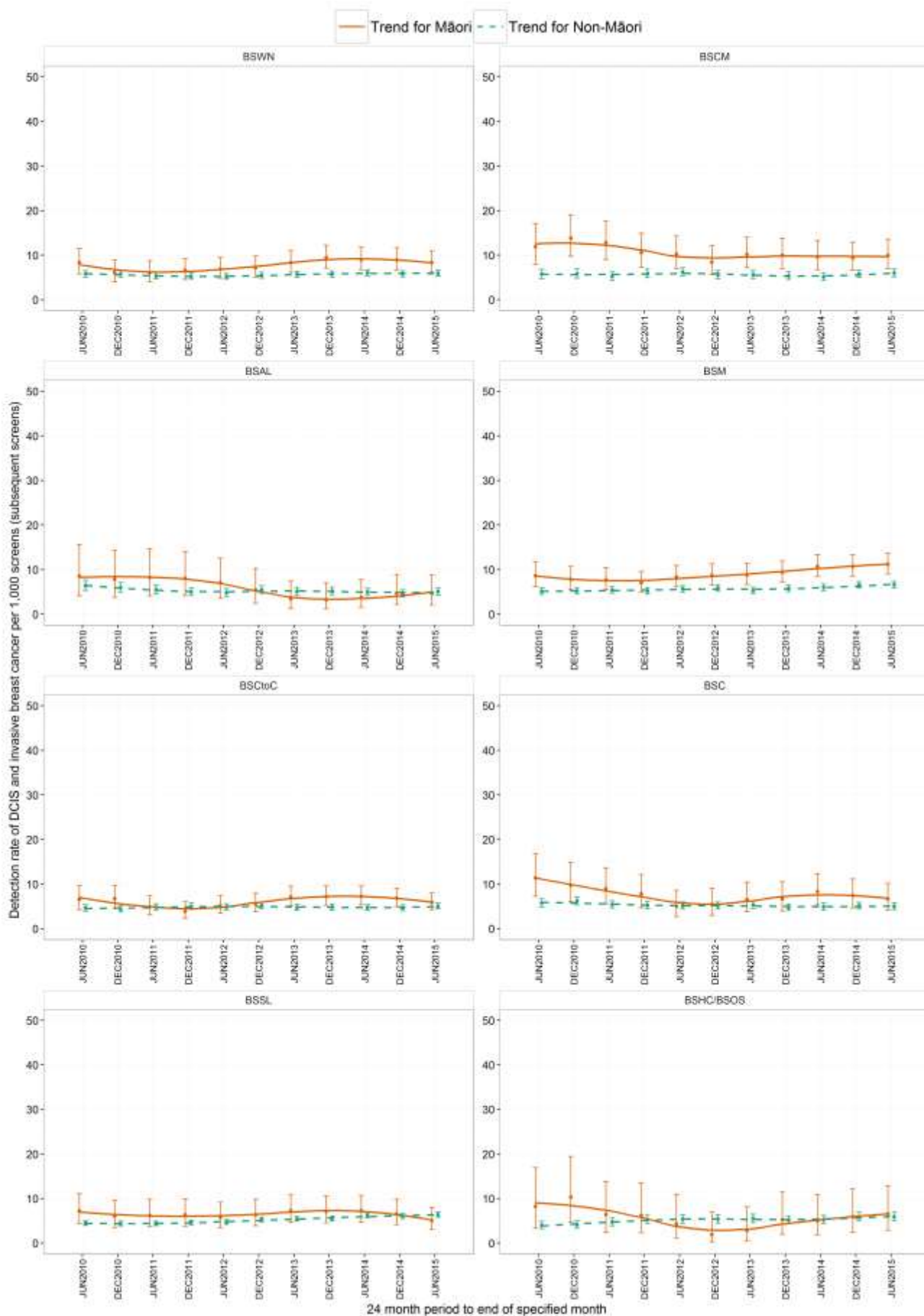


Table 3.a.1.2: Detection rate of DCIS and invasive breast cancer per 1,000 screens, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	
45–49 years							
Initial screen							
BSWN	2	483	4.1 (0.5, 14.9)	42	6,920	6.1 (4.4, 8.2)	0.68 (0.17, 2.81)
BSCM	9	1,329	6.8 (3.1, 12.8)	23	4,134	5.6 (3.5, 8.3)	1.22 (0.56, 2.62)
BSAL	1	654	1.5 (0.0, 8.5)	19	4,377	4.3 (2.6, 6.8)	0.35 (0.05, 2.63)
BSM	2	176	11.4 (1.4, 40.4)	28	6,401	4.4 (2.9, 6.3)	2.60 (0.62, 10.82)
BSCtoC	1	111	9.0 (0.2, 49.2)	23	4,580	5.0 (3.2, 7.5)	1.79 (0.24, 13.17)
BSC	2	337	5.9 (0.7, 21.3)	20	4,597	4.4 (2.7, 6.7)	1.36 (0.32, 5.81)
BSSL	1	115	8.7 (0.2, 47.5)	36	8,762	4.1 (2.9, 5.7)	2.12 (0.29, 15.31)
BSOS	0	49	0.0 (0.0, 72.5)	29	3,699	7.8 (5.3, 11.2)	0.00 (0.00, 10.24)
Total	18	3,254	5.5 (3.3, 8.7)	220	43,470	5.1 (4.4, 5.8)	1.09 (0.68, 1.76)
Subsequent screen							
BSWN	2	561	3.6 (0.4, 12.8)	32	9,203	3.5 (2.4, 4.9)	1.03 (0.25, 4.27)
BSCM	2	1,392	1.4 (0.2, 5.2)	16	5,196	3.1 (1.8, 5.0)	0.47 (0.11, 2.03)
BSAL	3	753	4.0 (0.8, 11.6)	13	5,519	2.4 (1.3, 4.0)	1.69 (0.48, 5.92)
BSM	1	122	8.2 (0.2, 44.8)	30	7,143	4.2 (2.8, 6.0)	1.95 (0.27, 14.20)
BSCtoC	1	119	8.4 (0.2, 45.9)	18	6,546	2.7 (1.6, 4.3)	3.06 (0.41, 22.71)
BSC	1	353	2.8 (0.1, 15.7)	17	5,781	2.9 (1.7, 4.7)	0.96 (0.13, 7.22)
BSSL	1	156	6.4 (0.2, 35.2)	54	13,499	4.0 (3.0, 5.2)	1.60 (0.22, 11.51)
BSOS	0	35	0.0 (0.0, 100.0)	5	3,544	1.4 (0.5, 3.3)	0.00 (0.00, 110.50)
Total	11	3,491	3.2 (1.6, 5.6)	185	56,431	3.3 (2.8, 3.8)	0.96 (0.52, 1.76)
50–69 years							
Initial screen							
BSWN	2	156	12.8 (1.6, 45.5)	19	2,765	6.9 (4.1, 10.7)	1.87 (0.44, 7.94)
BSCM	18	511	35.2 (21.0, 55.1)	24	2,018	11.9 (7.6, 17.6)	2.96 (1.62, 5.42)
BSAL	4	216	18.5 (5.1, 46.7)	18	2,001	9.0 (5.3, 14.2)	2.06 (0.70, 6.03)
BSM	0	112	0.0 (0.0, 32.4)	40	2,951	13.6 (9.7, 18.4)	0.00 (0.00, 2.55)
BSCtoC	1	59	16.9 (0.4, 90.9)	23	1,817	12.7 (8.0, 18.9)	1.34 (0.18, 9.75)
BSC	0	128	0.0 (0.0, 28.4)	11	1,808	6.1 (3.0, 10.9)	0.00 (0.00, 5.63)
BSSL	0	36	0.0 (0.0, 97.4)	13	1,762	7.4 (3.9, 12.6)	0.00 (0.00, 16.06)
BSOS	0	13	0.0 (0.0, 247.1)	15	1,045	14.4 (8.1, 23.6)	0.00 (0.00, 22.41)
Total	25	1,231	20.3 (13.2, 29.8)	163	16,167	10.1 (8.6, 11.7)	2.01 (1.33, 3.06)
Subsequent screen							
BSWN	22	2,569	8.6 (5.4, 12.9)	294	50,875	5.8 (5.1, 6.5)	1.48 (0.96, 2.28)
BSCM	32	5,876	5.4 (3.7, 7.7)	157	25,836	6.1 (5.2, 7.1)	0.90 (0.61, 1.31)
BSAL	14	2,987	4.7 (2.6, 7.9)	136	26,856	5.1 (4.3, 6.0)	0.93 (0.53, 1.60)
BSM	6	584	10.3 (3.8, 22.2)	325	49,514	6.6 (5.9, 7.3)	1.57 (0.70, 3.50)
BSCtoC	0	592	0.0 (0.0, 6.2)	231	45,245	5.1 (4.5, 5.8)	0.00 (0.00, 1.23)
BSC	13	1,763	7.4 (3.9, 12.6)	166	34,149	4.9 (4.2, 5.7)	1.52 (0.86, 2.66)
BSSL	2	571	3.5 (0.4, 12.6)	455	71,452	6.4 (5.8, 7.0)	0.55 (0.14, 2.20)
BSOS	3	155	19.4 (4.0, 55.5)	151	25,871	5.8 (4.9, 6.8)	3.32 (1.07, 10.28)
Total	92	15,097	6.1 (4.9, 7.5)	1,915	329,798	5.8 (5.6, 6.1)	1.05 (0.85, 1.29)

A ratio above 1.0 shows Pacific women have a higher rate of screen-detected cancer than non-Māori non-Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women.

Table 3.a.1.3: Detection rate of DCIS and invasive breast cancer per 1,000 screens, total women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)
Initial screen						
BSWN	51	8,391	6.1 (4.5, 8.0)	25	3,209	7.8 (5.0, 11.5)
BSCM	36	6,301	5.7 (4.0, 7.9)	47	2,796	16.8 (12.4, 22.3)
BSAL	22	5,407	4.1 (2.6, 6.2)	27	2,336	11.6 (7.6, 16.8)
BSM	41	8,284	4.9 (3.6, 6.7)	61	4,044	15.1 (11.6, 19.3)
BSCtoC	35	5,808	6.0 (4.2, 8.4)	36	2,447	14.7 (10.3, 20.3)
BSC	24	5,538	4.3 (2.8, 6.4)	13	2,119	6.1 (3.3, 10.5)
BSSL	44	9,588	4.6 (3.3, 6.2)	16	1,925	8.3 (4.8, 13.5)
BSOS	31	4,060	7.6 (5.2, 10.8)	15	1,131	13.3 (7.4, 21.8)
Total	284	53,377	5.3 (4.7, 6.0)	240	20,007	12.0 (10.5, 13.6)
Subsequent screen						
BSWN	37	10,915	3.4 (2.4, 4.7)	365	59,336	6.2 (5.5, 6.8)
BSCM	23	7,428	3.1 (2.0, 4.6)	227	35,554	6.4 (5.6, 7.3)
BSAL	18	6,664	2.7 (1.6, 4.3)	159	31,794	5.0 (4.3, 5.8)
BSM	37	8,631	4.3 (3.0, 5.9)	423	58,344	7.3 (6.6, 8.0)
BSCtoC	24	7,988	3.0 (1.9, 4.5)	272	52,753	5.2 (4.6, 5.8)
BSC	23	6,794	3.4 (2.1, 5.1)	200	39,064	5.1 (4.4, 5.9)
BSSL	60	14,542	4.1 (3.1, 5.3)	475	75,572	6.3 (5.7, 6.9)
BSOS	5	3,831	1.3 (0.4, 3.0)	162	27,246	5.9 (5.1, 6.9)
Total	227	66,793	3.4 (3.0, 3.9)	2,283	379,663	6.0 (5.8, 6.3)

Figure 3.a.1.c: Trends in the detection rate of DCIS and invasive breast cancer per 1,000 initial screens for total women aged 50–69 years, by Lead Provider and all BSA July 2008 to June 2015

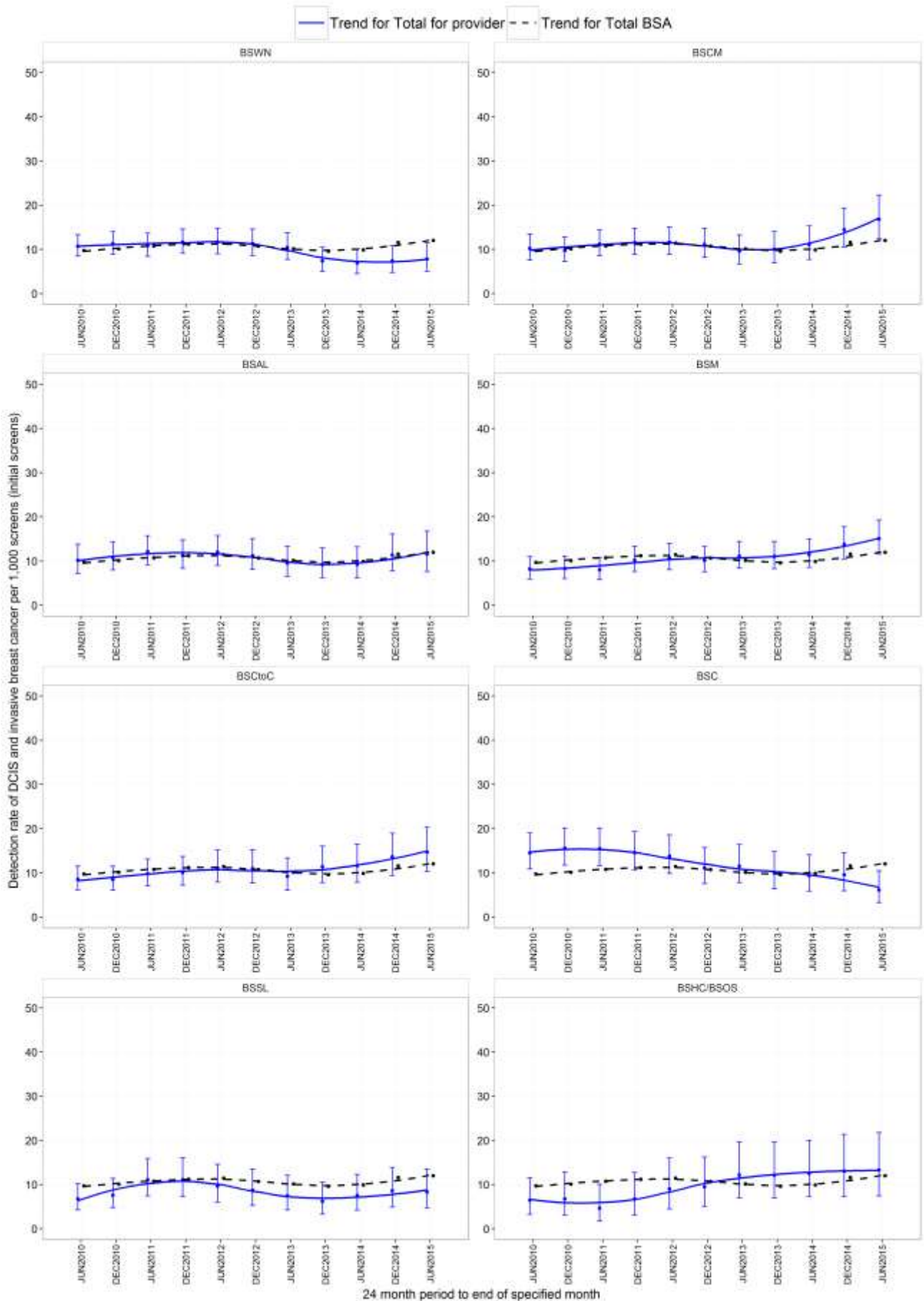
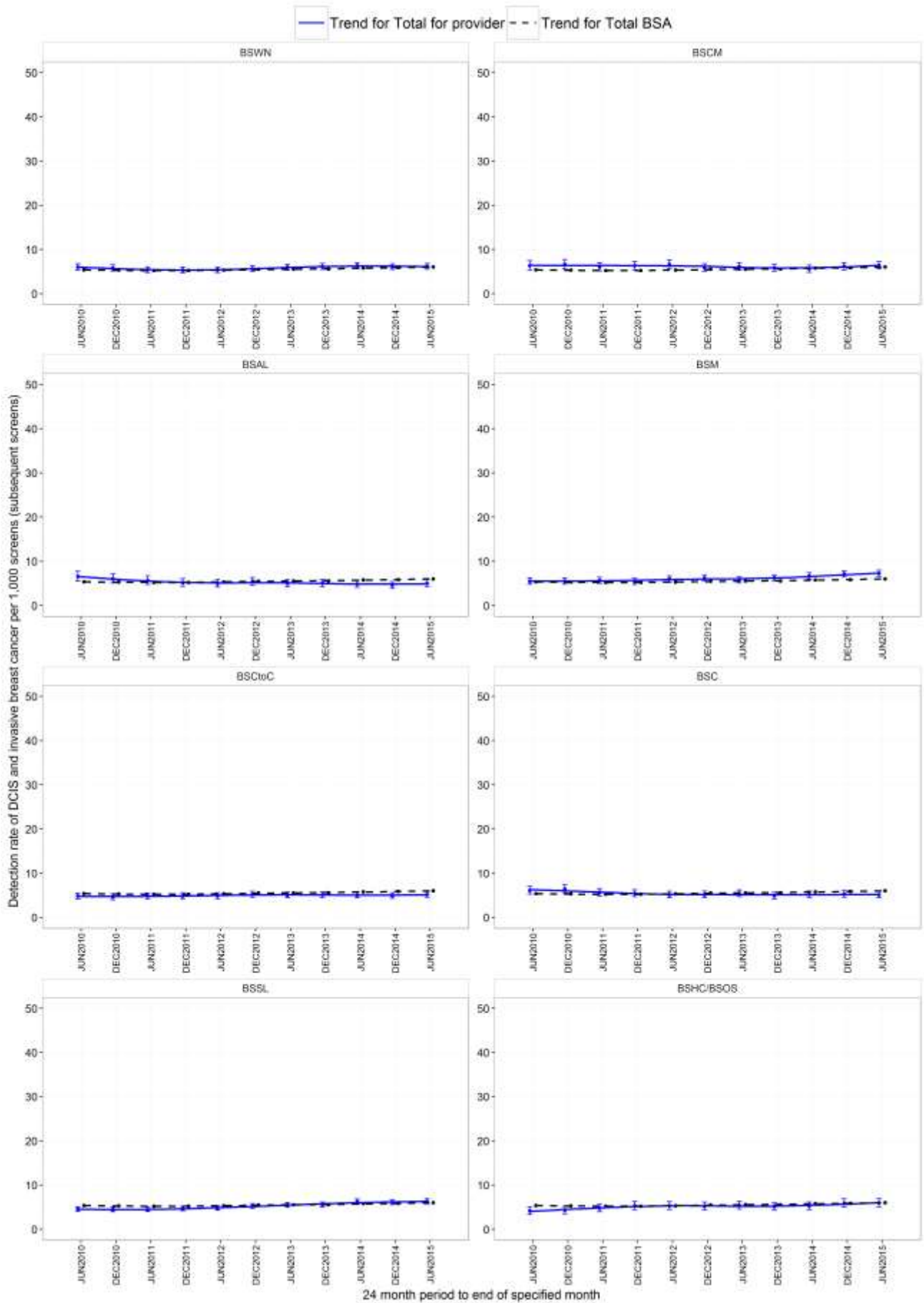


Figure 3.a.1.d: Trends in the detection rate of DCIS and invasive breast cancer per 1,000 subsequent screens for total women aged 50–69 years, by Lead Provider and all BSA, July 2008 to June 2015



3.a.2 Detection of invasive breast cancer

Description: The number of women who have invasive breast cancer detected within BSA, expressed as a rate per 1,000 screens.

Target for women aged 50–69 years:

Initial (prevalent) round: ≥ 6.1 per 1,000 screens

Subsequent (incident) round: ≥ 3.45 per 1,000 screens

Table 3.a.2.1: Detection rate of invasive breast cancer per 1,000 screens, Māori and non-Māori women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	
45–49 years							
Initial screen							
BSWN	6	988	6.1 (2.2, 13.2)	26	7,403	3.5(2.3, 5.1)	1.73 (0.71, 4.19)
BSCM	3	838	3.6 (0.7, 10.4)	23	5,463	4.2(2.7, 6.3)	0.85 (0.26, 2.83)
BSAL	0	376	0.0 (0.0, 9.8)	15	5,031	3.0(1.7, 4.9)	0.00 (0.00, 3.73)
BSM	8	1,707	4.7 (2.0, 9.2)	22	6,577	3.3(2.1, 5.1)	1.40 (0.62, 3.14)
BSCtoC	9	1,117	8.1 (3.7, 15.2)	20	4,691	4.3(2.6, 6.6)	1.89 (0.86, 4.14)
BSC	2	604	3.3 (0.4, 11.9)	19	4,934	3.9(2.3, 6.0)	0.86 (0.20, 3.68)
BSSL	5	711	7.0 (2.3, 16.3)	24	8,877	2.7(1.7, 4.0)	2.60 (1.00, 6.80)
BSOS	0	312	0.0 (0.0, 11.8)	24	3,748	6.4(4.1, 9.5)	0.00 (0.00, 2.00)
Total	33	6,653	5.0 (3.4, 7.0)	173	46,724	3.7(3.2, 4.3)	1.34 (0.92, 1.94)
Subsequent screen							
BSWN	3	1,151	2.6 (0.5, 7.6)	24	9,764	2.5(1.6, 3.7)	1.06 (0.32, 3.52)
BSCM	3	840	3.6 (0.7, 10.4)	14	6,588	2.1(1.2, 3.6)	1.68 (0.48, 5.84)
BSAL	1	392	2.6 (0.1, 14.1)	7	6,272	1.1(0.4, 2.3)	2.29 (0.28, 18.53)
BSM	3	1,366	2.2 (0.5, 6.4)	19	7,265	2.6(1.6, 4.1)	0.84 (0.25, 2.83)
BSCtoC	3	1,323	2.3 (0.5, 6.6)	13	6,665	2.0(1.0, 3.3)	1.16 (0.33, 4.07)
BSC	4	660	6.1 (1.7, 15.4)	15	6,134	2.4(1.4, 4.0)	2.48 (0.82, 7.45)
BSSL	2	887	2.3 (0.3, 8.1)	39	13,655	2.9(2.0, 3.9)	0.79 (0.19, 3.26)
BSOS	0	252	0.0 (0.0, 14.5)	3	3,579	0.8(0.2, 2.4)	0.00 (0.00, 34.37)
Total	19	6,871	2.8 (1.7, 4.3)	134	59,922	2.2(1.9, 2.6)	1.24 (0.77, 2.00)
50–69 years							
Initial screen							
BSWN	2	288	6.9 (0.8, 24.9)	13	2,921	4.5(2.4, 7.6)	1.56 (0.35, 6.88)
BSCM	4	267	15.0 (4.1, 37.9)	30	2,529	11.9(8.0, 16.9)	1.26 (0.45, 3.56)
BSAL	0	119	0.0 (0.0, 30.5)	18	2,217	8.1(4.8, 12.8)	0.00 (0.00, 4.24)
BSM	15	981	15.3 (8.6, 25.1)	32	3,063	10.4(7.2, 14.7)	1.46 (0.80, 2.69)
BSCtoC	9	571	15.8 (7.2, 29.7)	20	1,876	10.7(6.5, 16.4)	1.48 (0.68, 3.23)
BSC	1	183	5.5 (0.1, 30.1)	10	1,936	5.2(2.5, 9.5)	1.06 (0.14, 8.22)
BSSL	2	127	15.7 (1.9, 55.7)	12	1,798	6.7(3.5, 11.6)	2.36 (0.53, 10.43)
BSOS	0	73	0.0 (0.0, 49.3)	10	1,058	9.5(4.5, 17.3)	0.00 (0.00, 6.47)
Total	33	2,609	12.6 (8.7, 17.7)	145	17,398	8.3(7.0, 9.8)	1.52 (1.04, 2.21)
Subsequent screen							
BSWN	37	5,892	6.3 (4.4, 8.6)	246	53,444	4.6(4.0, 5.2)	1.36 (0.97, 1.93)
BSCM	29	3,842	7.5 (5.1, 10.8)	125	31,712	3.9(3.3, 4.7)	1.91 (1.28, 2.86)
BSAL	7	1,951	3.6 (1.4, 7.4)	94	29,843	3.1(2.5, 3.9)	1.14 (0.53, 2.45)
BSM	76	8,246	9.2 (7.3, 11.5)	241	50,098	4.8(4.2, 5.5)	1.92 (1.48, 2.48)
BSCtoC	29	6,916	4.2 (2.8, 6.0)	167	45,837	3.6(3.1, 4.2)	1.15 (0.78, 1.71)
BSC	17	3,152	5.4 (3.1, 8.6)	131	35,912	3.6(3.1, 4.3)	1.48 (0.89, 2.45)
BSSL	15	3,549	4.2 (2.4, 7.0)	337	72,023	4.7(4.2, 5.2)	0.90 (0.54, 1.51)
BSOS	7	1,220	5.7 (2.3, 11.8)	117	26,026	4.5(3.7, 5.4)	1.28 (0.60, 2.73)
Total	217	34,768	6.2 (5.4, 7.1)	1,458	344,895	4.2(4.0, 4.4)	1.48 (1.28, 1.70)

Target values are ≥ 6.1 per 1,000 initial screens and ≥ 3.45 per 1,000 in subsequent screens. A ratio above 1.0 shows Māori have a higher rate of screen-detected cancer than non-Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori.

Table 3.a.2.2: Detection rate of invasive breast cancer per 1,000 screens, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	
45–49 years							
Initial screen							
BSWN	2	483	4.1 (0.5, 14.9)	24	6,920	3.5 (2.2, 5.2)	1.19(0.28, 5.04)
BSCM	5	1,329	3.8 (1.2, 8.8)	18	4,134	4.4 (2.6, 6.9)	0.86(0.32, 2.32)
BSAL	1	654	1.5 (0.0, 8.5)	14	4,377	3.2 (1.7, 5.4)	0.48(0.06, 3.63)
BSM	1	176	5.7 (0.1, 31.2)	21	6,401	3.3 (2.0, 5.0)	1.73(0.23, 12.80)
BSCtoC	1	111	9.0 (0.2, 49.2)	19	4,580	4.1 (2.5, 6.5)	2.17(0.29, 16.08)
BSC	2	337	5.9 (0.7, 21.3)	17	4,597	3.7 (2.2, 5.9)	1.60(0.37, 6.92)
BSSL	1	115	8.7 (0.2, 47.5)	23	8,762	2.6 (1.7, 3.9)	3.31(0.45, 24.32)
BSOS	0	49	0.0 (0.0, 72.5)	24	3,699	6.5 (4.2, 9.6)	0.00(0.00, 12.54)
Total	13	3,254	4.0 (2.1, 6.8)	160	43,470	3.7 (3.1, 4.3)	1.09(0.62, 1.91)
Subsequent screen							
BSWN	2	561	3.6 (0.4, 12.8)	22	9,203	2.4 (1.5, 3.6)	1.49(0.35, 6.33)
BSCM	2	1,392	1.4 (0.2, 5.2)	12	5,196	2.3 (1.2, 4.0)	0.62(0.14, 2.78)
BSAL	2	753	2.7 (0.3, 9.6)	5	5,519	0.9 (0.3, 2.1)	2.93(0.57, 15.08)
BSM	1	122	8.2 (0.2, 44.8)	18	7,143	2.5 (1.5, 4.0)	3.25(0.44, 24.17)
BSCtoC	1	119	8.4 (0.2, 45.9)	12	6,546	1.8 (0.9, 3.2)	4.58(0.60, 34.97)
BSC	1	353	2.8 (0.1, 15.7)	14	5,781	2.4 (1.3, 4.1)	1.17(0.15, 8.87)
BSSL	1	156	6.4 (0.2, 35.2)	38	13,499	2.8 (2.0, 3.9)	2.28(0.31, 16.48)
BSOS	0	35	0.0 (0.0, 100.0)	3	3,544	0.8 (0.2, 2.5)	0.00(0.00, 245.04)
Total	10	3,491	2.9 (1.4, 5.3)	124	56,431	2.2 (1.8, 2.6)	1.30(0.69, 2.48)
50–69 years							
Initial screen							
BSWN	2	156	12.8(1.6, 45.5)	11	2,765	4.0 (2.0, 7.1)	3.22(0.72, 14.41)
BSCM	15	511	29.4(16.5, 48.0)	15	2,018	7.4 (4.2, 12.2)	3.95(1.94, 8.02)
BSAL	4	216	18.5(5.1, 46.7)	14	2,001	7.0 (3.8, 11.7)	2.65(0.88, 7.97)
BSM	0	112	0.0(0.0, 32.4)	32	2,951	10.8 (7.4, 15.3)	0.00(0.00, 3.22)
BSCtoC	1	59	16.9(0.4, 90.9)	19	1,817	10.5 (6.3, 16.3)	1.62(0.22, 11.91)
BSC	0	128	0.0(0.0, 28.4)	10	1,808	5.5 (2.7, 10.1)	0.00(0.00, 6.30)
BSSL	0	36	0.0(0.0, 97.4)	12	1,762	6.8 (3.5, 11.9)	0.00(0.00, 17.61)
BSOS	0	13	0.0(0.0, 247.1)	10	1,045	9.6 (4.6, 17.5)	0.00(0.00, 35.86)
Total	22	1,231	17.9(11.2, 26.9)	123	16,167	7.6 (6.3, 9.1)	2.35(1.50, 3.68)
Subsequent screen							
BSWN	14	2,569	5.4(3.0, 9.1)	232	50,875	4.6 (4.0, 5.2)	1.20(0.70, 2.05)
BSCM	23	5,876	3.9(2.5, 5.9)	102	25,836	3.9 (3.2, 4.8)	0.99(0.63, 1.56)
BSAL	9	2,987	3.0(1.4, 5.7)	85	26,856	3.2 (2.5, 3.9)	0.95(0.48, 1.89)
BSM	5	584	8.6(2.8, 19.9)	236	49,514	4.8 (4.2, 5.4)	1.80(0.74, 4.34)
BSCtoC	0	592	0.0(0.0, 6.2)	167	45,245	3.7 (3.2, 4.3)	0.00(0.00, 1.71)
BSC	8	1,763	4.5(2.0, 8.9)	123	34,149	3.6 (3.0, 4.3)	1.26(0.62, 2.57)
BSSL	2	571	3.5(0.4, 12.6)	335	71,452	4.7 (4.2, 5.2)	0.75(0.19, 2.99)
BSOS	0	155	0.0(0.0, 23.5)	117	25,871	4.5 (3.7, 5.4)	0.00(0.00, 5.35)
Total	61	15,097	4.0(3.1, 5.2)	1,397	329,798	4.2 (4.0, 4.5)	0.95(0.74, 1.23)

Target values are ≥ 6.1 per 1,000 initial screens and ≥ 3.45 per 1,000 in subsequent screens.

A ratio above 1.0 shows Pacific women have a higher rate of screen-detected cancer than non-Māori non-Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women.

Table 3.a.2.3: Detection rate of invasive breast cancer per 1,000 screens, total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)	Number with breast cancer	Number of screens	Rate of breast cancers detected per 1,000 screens (95% CI)
Initial screen						
BSWN	32	8,391	3.8 (2.6, 5.4)	15	3,209	4.7 (2.6, 7.7)
BSCM	26	6,301	4.1 (2.7, 6.0)	34	2,796	12.2 (8.4, 17.0)
BSAL	15	5,407	2.8 (1.6, 4.6)	18	2,336	7.7 (4.6, 12.2)
BSM	30	8,284	3.6 (2.4, 5.2)	47	4,044	11.6 (8.6, 15.4)
BSCtoC	29	5,808	5.0 (3.3, 7.2)	29	2,447	11.9 (8.0, 17.0)
BSC	21	5,538	3.8 (2.3, 5.8)	11	2,119	5.2 (2.6, 9.3)
BSSL	29	9,588	3.0 (2.0, 4.3)	14	1,925	7.3 (4.0, 12.2)
BSOS	24	4,060	5.9 (3.8, 8.8)	10	1,131	8.8 (4.2, 16.2)
Total	206	53,377	3.9 (3.4, 4.4)	178	20,007	8.9 (7.6, 10.3)
Subsequent screen						
BSWN	27	10,915	2.5 (1.6, 3.6)	283	59,336	4.8 (4.2, 5.4)
BSCM	17	7,428	2.3 (1.3, 3.7)	154	35,554	4.3 (3.7, 5.1)
BSAL	8	6,664	1.2 (0.5, 2.4)	101	31,794	3.2 (2.6, 3.9)
BSM	22	8,631	2.5 (1.6, 3.9)	317	58,344	5.4 (4.9, 6.1)
BSCtoC	16	7,988	2.0 (1.1, 3.3)	196	52,753	3.7 (3.2, 4.3)
BSC	19	6,794	2.8 (1.7, 4.4)	148	39,064	3.8 (3.2, 4.4)
BSSL	41	14,542	2.8 (2.0, 3.8)	352	75,572	4.7 (4.2, 5.2)
BSOS	3	3,831	0.8 (0.2, 2.3)	124	27,246	4.6 (3.8, 5.4)
Total	153	66,793	2.3 (1.9, 2.7)	1,675	379,663	4.4 (4.2, 4.6)

*Target values are ≥ 6.1 per 1,000 initial screens and ≥ 3.45 per 1,000 in subsequent screens for women aged 50 – 69 years.

3.a.3 Summary of referral to assessment, specificity, false positives and detection rate of DCIS and invasive cancer

Table 3.a.3.1: Summary of Referral to Assessment, Specificity, False Positives and Detection Rate of DCIS and Invasive Cancer, Māori and non-Māori women aged 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Māori				Non-Māori			
	Referral to assessment as % of women screened	Estimated specificity %	Positive Predictive Value %	Detection rate per 1,000 screens	Referral to assessment as % of women screened	Estimated Specificity %	Positive Predictive Value %	Detection rate per 1,000 screens
Initial screens								
BSWN	15.7	85.8	8.9	13.9	11.9	89.1	6.1	7.2
BSCM	11.0	92.1	17.2	18.7	8.8	93.3	19.1	16.6
BSAL	15.4	89.2	27.8	42.0	7.2	94.4	14.4	9.9
BSM	14.0	88.5	15.8	21.4	10.2	91.4	13.2	13.1
BSCtoC	9.8	92.5	22.2	21.0	7.1	94.3	19.0	12.8
BSC	11.2	89.8	10.0	10.9	6.8	93.8	8.5	5.7
BSSL	14.4	87.7	16.7	23.6	12.1	88.6	6.0	7.2
BSHC/BSOS	19.2	80.8	0.0	0.0	11.7	90.1	12.2	14.2
BSA Total	13.0	89.3	15.7	19.9	9.5	91.9	11.6	10.8
Subsequent screens								
BSWN	4.0	96.8	20.8	8.3	3.6	97.0	16.8	5.9
BSCM	3.4	97.7	29.2	9.9	3.6	97.1	17.1	6.0
BSAL	2.9	97.7	16.1	4.6	3.0	97.6	17.5	5.0
BSM	4.2	97.0	27.9	11.2	3.8	96.9	18.2	6.6
BSCtoC	2.3	98.4	27.2	5.9	2.0	98.5	26.6	5.0
BSC	3.5	97.2	19.6	6.7	3.2	97.3	15.7	5.0
BSSL	3.7	96.8	13.8	5.1	3.8	96.8	17.0	6.3
BSHC/BSOS	3.6	97.2	18.2	6.6	4.1	96.5	14.3	5.9
BSA Total	3.5	97.4	23.3	7.9	3.4	97.2	17.5	5.8

Table 3.a.3.2: Māori/non-Māori summary ratios, women aged 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Initial screens				Subsequent screens			
	Referral to assessment as % of women screened	Estimated specificity	Positive Predictive Value	Detection rate per 1,000 screens	Referral to assessment as % of women screened	Estimated Specificity	Positive Predictive Value	Detection rate per 1,000 screens
BSWN	1.31	0.96	1.45	1.93	1.12	1.00	1.23	1.41
BSCM	1.25	0.99	0.90	1.13	0.96	1.01	1.71	1.66
BSAL	2.15	0.94	1.93	4.23	0.99	1.00	0.92	0.92
BSM	1.38	0.97	1.20	1.64	1.10	1.00	1.54	1.69
BSCtoC	1.39	0.98	1.17	1.64	1.13	1.00	1.02	1.18
BSC	1.64	0.96	1.18	1.92	1.08	1.00	1.25	1.34
BSSL	1.19	0.99	2.77	3.27	0.98	1.00	0.81	0.80
BSHC/BSOS	1.64	0.90	0.00	0.00	0.87	1.01	1.27	1.11
BSA Total	1.37	0.97	1.35	1.84	1.03	1.00	1.33	1.36

Table 3.a.3.3: Summary of Referral to Assessment, Specificity, False Positives and Detection Rate of DCIS and Invasive Cancer, Pacific and non-Māori non-Pacific women aged 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Pacific				Non-Māori non-Pacific			
	Referral to assessment as % of women screened	Estimated specificity %	Positive Predictive Value %	Detection rate per 1,000 screens	Referral to assessment as % of women screened	Estimated Specificity %	Positive Predictive Value %	Detection rate per 1,000 screens
Initial screens								
BSWN	14.8	86.8	8.7	12.8	11.8	89.2	5.9	6.9
BSCM	11.7	92.7	30.5	35.2	8.1	93.5	14.9	11.9
BSAL	10.4	92.7	18.2	18.5	6.8	94.6	13.7	9.0
BSM	4.5	96.4	0.0	0.0	10.4	91.2	13.4	13.6
BSCtoC	7.1	94.5	25.0	16.9	7.1	94.3	18.9	12.7
BSC	4.8	95.2	0.0	0.0	6.9	93.7	8.9	6.1
BSSL	8.3	91.7	0.0	0.0	12.2	88.6	6.1	7.4
BSHC/BSOS	15.4	84.6	0.0	0.0	11.6	90.2	12.4	14.4
BSA Total	10.2	92.5	20.2	20.3	9.4	91.8	10.9	10.1
Subsequent screens								
BSWN	3.8	97.2	22.9	8.6	3.6	97.0	16.5	5.8
BSCM	3.3	97.4	16.9	5.4	3.6	97.0	17.1	6.1
BSAL	2.6	98.1	18.4	4.7	3.0	97.6	17.4	5.1
BSM	3.4	97.6	31.6	10.3	3.8	96.9	18.0	6.6
BSCtoC	1.8	98.4	0.0	0.0	2.0	98.5	26.9	5.1
BSC	3.1	97.7	24.1	7.4	3.2	97.3	15.2	4.9
BSSL	2.7	97.7	13.3	3.5	3.8	96.8	17.0	6.4
BSHC/BSOS	3.2	98.7	60.0	19.4	4.2	96.5	14.1	5.8
BSA Total	3.1	97.6	19.8	6.1	3.4	97.2	17.4	5.8

Table 3.a.3.4: Pacific/non-Māori non-Pacific summary ratios, women aged 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Initial screens				Subsequent screens			
	Referral to assessment as % of women screened	Estimated specificity	Positive Predictive Value	Detection rate per 1,000 screens	Referral to assessment as % of women screened	Estimated Specificity	Positive Predictive Value	Detection rate per 1,000 screens
BSWN	1.26	0.97	1.46	1.87	1.06	1.00	1.39	1.48
BSCM	1.44	0.99	2.05	2.96	0.91	1.00	0.99	0.90
BSAL	1.53	0.98	1.32	2.06	0.86	1.01	1.06	0.93
BSM	0.43	1.06	0.00	0.00	0.90	1.01	1.75	1.57
BSCtoC	1.01	1.00	1.33	1.34	0.90	1.00	0.00	0.00
BSC	0.70	1.02	0.00	0.00	0.97	1.00	1.58	1.52
BSSL	0.68	1.03	0.00	0.00	0.70	1.01	0.78	0.55
BSHC/BSOS	1.32	0.94	0.00	0.00	0.78	1.02	4.25	3.32
BSA Total	1.08	1.01	1.84	2.01	0.92	1.00	1.14	1.05

Table 3.a.3.5: Summary of Referral to Assessment, Specificity, False Positives and Detection Rate of DCIS and Invasive Cancer, total women aged 50–69 years, 2 years (July 2013 to June 2015)

Lead Provider	Initial screen				Subsequent screen			
	Referral to assessment as % of women screened	Estimated specificity %	Positive Predictive Value %	Detection rate per 1,000 screens	Referral to assessment as % of women screened	Estimated Specificity %	Positive Predictive Value %	Detection rate per 1,000 screens
BSWN	12.3	88.8	6.4	7.8	3.6	97.0	17.3	6.2
BSCM	9.0	93.2	18.9	16.8	3.5	97.2	18.4	6.4
BSAL	7.6	94.2	15.8	11.6	3.0	97.6	17.4	5.0
BSM	11.1	90.7	14.0	15.1	3.8	97.0	19.6	7.3
BSCtoC	7.7	93.9	20.0	14.7	2.0	98.5	26.6	5.2
BSC	7.2	93.4	8.7	6.1	3.3	97.3	16.0	5.1
BSSL	12.3	88.6	6.8	8.3	3.8	96.8	16.9	6.3
BSHC/BSOS	12.2	89.5	10.9	13.3	4.1	96.5	14.5	5.9
BSA Total	9.9	91.5	12.3	12.0	3.4	97.2	18.1	6.0

3c Invasive cancers less than or equal to 15mm in size

Description: Proportion and rate of primary invasive breast cancer of diameter ≤ 15 mm.

Target for women aged 50–69 years:

Initial (prevalent) round: $>50\%$, which gives a rate of >30.5 per 10,000 screens.

Subsequent (incident) round: $>50\%$, which gives a rate of >17.3 per 10,000 screens

Table 3.c.1.1: Proportion of invasive cancers less than or equal to 15mm, Māori and non-Māori women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Invasive cancers ≤ 15 mm	Total invasive cancers	% of invasive cancers ≤ 15 mm	Invasive cancers ≤ 15 mm	Total invasive cancers	% of invasive cancers ≤ 15 mm	
45–49 years							
Initial screen							
BSWN	12	16	75.0(47.6, 92.7)	42	66	63.6(50.9, 75.1)	1.18 (0.84, 1.65)
BSCM	3	12	25.0(5.5, 57.2)	25	57	43.9(30.7, 57.6)	0.57 (0.20, 1.59)
BSAL	1	3	33.3(0.8, 90.6)	17	31	54.8(36.0, 72.7)	0.61 (0.12, 3.11)
BSM	10	20	50.0(27.2, 72.8)	31	49	63.3(48.3, 76.6)	0.79 (0.49, 1.29)
BSCtoC	11	20	55.0(31.5, 76.9)	23	39	59.0(42.1, 74.4)	0.93 (0.58, 1.50)
BSC	1	4	25.0(0.6, 80.6)	27	48	56.2(41.2, 70.5)	0.44 (0.08, 2.47)
BSSL	5	10	50.0(18.7, 81.3)	32	59	54.2(40.8, 67.3)	0.92 (0.48, 1.79)
BSHC/BSOS	0	0	-	25	38	65.8(48.6, 80.4)	-
Total BSA	43	85	50.6(39.5, 61.6)	222	387	57.4(52.3, 62.3)	0.88 (0.70, 1.11)
Subsequent screen							
BSWN	5	10	50.0(18.7, 81.3)	40	54	74.1(60.3, 85.0)	0.68 (0.36, 1.28)
BSCM	6	12	50.0(21.1, 78.9)	12	29	41.4(23.5, 61.1)	1.21 (0.59, 2.46)
BSAL	3	5	60.0(14.7, 94.7)	23	36	63.9(46.2, 79.2)	0.94 (0.44, 2.00)
BSM	3	7	42.9(9.9, 81.6)	24	43	55.8(39.9, 70.9)	0.77 (0.31, 1.88)
BSCtoC	2	8	25.0(3.2, 65.1)	16	33	48.5(30.8, 66.5)	0.52 (0.15, 1.80)
BSC	6	6	100.0(54.1, 100.0)	23	36	63.9(46.2, 79.2)	1.57 (0.90, 1.94) #
BSSL	9	9	100.0(66.4, 100.0)	56	90	62.2(51.4, 72.2)	1.61 (1.09, 1.83) #
BSHC/BSOS	2	3	66.7(9.4, 99.2)	11	20	55.0(31.5, 76.9)	1.21 (0.50, 2.96)
Total BSA	36	60	60.0(46.5, 72.4)	205	341	60.1(54.7, 65.4)	1.00 (0.80, 1.25)
50–69 years							
Initial screen							
BSWN	10	16	62.5(35.4, 84.8)	43	60	71.7 (58.6, 82.5)	0.87 (0.58, 1.32)
BSCM	7	11	63.6(30.8, 89.1)	30	71	42.3 (30.6, 54.6)	1.51 (0.89, 2.54)
BSAL	1	5	20.0(0.5, 71.6)	36	55	65.5 (51.4, 77.8)	0.31 (0.05, 1.78)
BSM	19	36	52.8(35.5, 69.6)	35	71	49.3 (37.2, 61.4)	1.07 (0.73, 1.58)
BSCtoC	8	22	36.4(17.2, 59.3)	26	46	56.5 (41.1, 71.1)	0.64 (0.35, 1.18)
BSC	5	7	71.4(29.0, 96.3)	25	49	51.0 (36.3, 65.6)	1.40 (0.81, 2.41)
BSSL	2	3	66.7(9.4, 99.2)	23	35	65.7 (47.8, 80.9)	1.01 (0.44, 2.34)
BSHC/BSOS	1	2	50.0(1.3, 98.7)	10	22	45.5 (24.4, 67.8)	1.10 (0.26, 4.73)
Total BSA	53	102	52.0(41.8, 62.0)	228	409	55.7 (50.8, 60.6)	0.93 (0.76, 1.14)
Subsequent screen							
BSWN	60	81	74.1(63.1, 83.2)	350	533	65.7 (61.5, 69.7)	1.13 (0.98, 1.30)
BSCM	41	77	53.2(41.5, 64.7)	145	285	50.9 (44.9, 56.8)	1.05 (0.82, 1.33)
BSAL	7	16	43.8(19.8, 70.1)	130	219	59.4 (52.5, 65.9)	0.74 (0.42, 1.30)
BSM	86	140	61.4(52.8, 69.5)	355	523	67.9 (63.7, 71.9)	0.90 (0.78, 1.05)
BSCtoC	38	72	52.8(40.7, 64.7)	245	401	61.1 (56.1, 65.9)	0.86 (0.68, 1.09)
BSC	22	34	64.7(46.5, 80.3)	193	311	62.1 (56.4, 67.5)	1.04 (0.80, 1.36)
BSSL	30	41	73.2(57.1, 85.8)	557	769	72.4 (69.1, 75.6)	1.01 (0.84, 1.22)
BSHC/BSOS	5	10	50.0(18.7, 81.3)	188	274	68.6 (62.8, 74.1)	0.73 (0.39, 1.36)
Total BSA	289	471	61.4(56.8, 65.8)	2,163	3,315	65.2 (63.6, 66.9)	0.94 (0.87, 1.01)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Target values are $>50\%$ for initial and for subsequent screens for women aged 50–69 years.

Table 3.c.1.2: Proportion of invasive cancers less than or equal to 15mm, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Invasive cancers ≤15mm	Total invasive cancers	% of invasive cancers ≤15mm	Invasive cancers ≤15mm	Total invasive cancers	% of invasive cancers ≤15mm	
45–49 years							
Initial screen							
BSWN	3	4	75.0(19.4, 99.4)	39	62	62.9 (49.7, 74.8)	1.19 (0.66, 2.17)
BSCM	2	15	13.3(1.7, 40.5)	23	42	54.8 (38.7, 70.2)	0.24 (0.07, 0.91)
BSAL	1	3	33.3(0.8, 90.6)	16	28	57.1 (37.2, 75.5)	0.58 (0.11, 2.98)
BSM	0	1	0.0(0.0, 97.5)	31	48	64.6 (49.5, 77.8)	0.00 (0.00, 6.07)
BSCtoC	1	1	100.0(2.5, 100.0)	22	38	57.9 (40.8, 73.7)	1.73 (0.27, 2.01) #
BSC	1	5	20.0(0.5, 71.6)	26	43	60.5 (44.4, 75.0)	0.33 (0.06, 1.94)
BSSL	1	1	100.0(2.5, 100.0)	31	58	53.4 (39.9, 66.7)	1.87 (0.30, 2.11) #
BSHC/BSOS	0	0	-	25	38	65.8 (48.6, 80.4)	-
Total BSA	9	30	30.0(14.7, 49.4)	213	357	59.7 (54.4, 64.8)	0.50 (0.29, 0.87)
Subsequent screen							
BSWN	3	3	100.0(29.2, 100.0)	37	51	72.5 (58.3, 84.1)	1.38 (0.55, 1.54) #
BSCM	1	4	25.0(0.6, 80.6)	11	25	44.0 (24.4, 65.1)	0.57 (0.10, 3.28)
BSAL	5	5	100.0(47.8, 100.0)	18	31	58.1 (39.1, 75.5)	1.72 (0.89, 2.23) #
BSM	0	1	0.0(0.0, 97.5)	24	42	57.1 (41.0, 72.3)	0.00 (0.00, 6.98)
BSCtoC	1	1	100.0(2.5, 100.0)	15	32	46.9 (29.1, 65.3)	2.13 (0.33, 2.67) #
BSC	0	1	0.0(0.0, 97.5)	23	35	65.7 (47.8, 80.9)	0.00 (0.00, 6.09)
BSSL	0	1	0.0(0.0, 97.5)	56	89	62.9 (52.0, 72.9)	0.00 (0.00, 6.06)
BSHC/BSOS	0	1	0.0(0.0, 97.5)	11	19	57.9 (33.5, 79.7)	0.00 (0.00, 7.57)
Total BSA	10	17	58.8(32.9, 81.6)	195	324	60.2 (54.6, 65.6)	0.98 (0.65, 1.47)
50–69 years							
Initial screen							
BSWN	4	7	57.1(18.4, 90.1)	39	53	73.6 (59.7, 84.7)	0.78 (0.40, 1.50)
BSCM	11	25	44.0(24.4, 65.1)	19	46	41.3 (27.0, 56.8)	1.07 (0.61, 1.87)
BSAL	5	9	55.6(21.2, 86.3)	31	46	67.4 (52.0, 80.5)	0.82 (0.44, 1.53)
BSM	0	0	-	35	71	49.3 (37.2, 61.4)	-
BSCtoC	0	3	0.0(0.0, 70.8)	26	43	60.5 (44.4, 75.0)	0.00 (0.00, 2.18)
BSC	1	6	16.7(0.4, 64.1)	24	43	55.8 (39.9, 70.9)	0.30 (0.05, 1.82)
BSSL	0	0	-	23	35	65.7 (47.8, 80.9)	-
BSHC/BSOS	0	1	0.0(0.0, 97.5)	10	21	47.6 (25.7, 70.2)	0.00 (0.00, 9.37)
Total BSA	21	51	41.2(27.6, 55.8)	207	358	57.8 (52.5, 63.0)	0.71 (0.51, 1.00)
Subsequent screen							
BSWN	20	28	71.4(51.3, 86.8)	330	505	65.3 (61.0, 69.5)	1.09 (0.86, 1.39)
BSCM	20	48	41.7(27.6, 56.8)	125	237	52.7 (46.2, 59.2)	0.79 (0.55, 1.13)
BSAL	11	26	42.3(23.4, 63.1)	119	193	61.7 (54.4, 68.5)	0.69 (0.43, 1.09)
BSM	6	10	60.0(26.2, 87.8)	349	513	68.0 (63.8, 72.1)	0.88 (0.53, 1.47)
BSCtoC	1	2	50.0(1.3, 98.7)	244	399	61.2 (56.2, 66.0)	0.82 (0.20, 3.28)
BSC	7	15	46.7(21.3, 73.4)	186	296	62.8 (57.1, 68.4)	0.74 (0.43, 1.28)
BSSL	5	7	71.4(29.0, 96.3)	552	762	72.4 (69.1, 75.6)	0.99 (0.62, 1.58)
BSHC/BSOS	1	1	100.0(2.5, 100.0)	187	273	68.5 (62.6, 74.0)	1.46 (0.23, 1.47) #
Total BSA	71	137	51.8(43.1, 60.4)	2092	3178	65.8 (64.1, 67.5)	0.79 (0.67, 0.93)

Ratios below one are unfavourable to Pacific. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target values are >50% for initial and for subsequent screens for women aged 50–69 years.

Table 3.c.1.3: Proportion of invasive cancers less than or equal to 15mm, total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Invasive cancers ≤15mm	Total invasive cancers	% of invasive cancers ≤15mm	Invasive cancers ≤15mm	Total invasive cancers	% of invasive cancers ≤15mm
Initial screen						
BSWN	14	31	45.2(27.3, 64.0)	11	15	73.3(44.9, 92.2)
BSCM	11	26	42.3(23.4, 63.1)	11	33	33.3(18.0, 51.8)
BSAL	8	15	53.3(26.6, 78.7)	12	16	75.0(47.6, 92.7)
BSM	18	29	62.1(42.3, 79.3)	22	47	46.8(32.1, 61.9)
BSCtoC	18	29	62.1(42.3, 79.3)	16	28	57.1(37.2, 75.5)
BSC	11	20	55.0(31.5, 76.9)	6	11	54.5(23.4, 83.3)
BSSL	16	28	57.1(37.2, 75.5)	10	14	71.4(41.9, 91.6)
BSHC/BSOS	15	24	62.5(40.6, 81.2)	4	10	40.0(12.2, 73.8)
Total BSA	111	202	55.0(47.8, 61.9)	92	174	52.9(45.2, 60.5)
Subsequent screen						
BSWN	19	26	73.1(52.2, 88.4)	193	281	68.7(62.9, 74.1)
BSCM	5	17	29.4(10.3, 56.0)	76	153	49.7(41.5, 57.9)
BSAL	7	8	87.5(47.3, 99.7)	61	100	61.0(50.7, 70.6)
BSM	10	21	47.6(25.7, 70.2)	213	313	68.1(62.6, 73.2)
BSCtoC	7	16	43.8(19.8, 70.1)	122	196	62.2(55.1, 69.1)
BSC	15	18	83.3(58.6, 96.4)	90	144	62.5(54.1, 70.4)
BSSL	27	40	67.5(50.9, 81.4)	241	347	69.5(64.3, 74.3)
BSHC/BSOS	3	3	100.0(29.2, 100.0)	83	124	66.9(57.9, 75.1)
Total BSA	93	149	62.4(54.1, 70.2)	1,079	1,658	65.1(62.7, 67.4)

Target values for women aged 50–69 years are >50% for initial and for subsequent screens.

Table 3.c.2.1: Detection rate of invasive breast cancer less than or equal to 15mm per 10,000 screens, Māori and non-Māori women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens	
45–49 years							
Initial screen							
BSWN	12	2,708	44.3 (22.9, 77.3)	42	20,098	20.9 (15.1, 28.2)	2.12 (1.12, 4.02)
BSCM	3	2,369	12.7 (2.6, 37.0)	25	14,574	17.2 (11.1, 25.3)	0.74 (0.22, 2.44)
BSAL	1	986	10.1 (0.3, 56.4)	17	13,609	12.5 (7.3, 20.0)	0.81 (0.11, 6.09)
BSM	10	3,984	25.1 (12.0, 46.1)	31	16,135	19.2 (13.1, 27.3)	1.31 (0.64, 2.66)
BSCtoC	11	2,927	37.6 (18.8, 67.1)	23	12,192	18.9 (12.0, 28.3)	1.99 (0.97, 4.08)
BSC	1	1,457	6.9 (0.2, 38.2)	27	12,625	21.4 (14.1, 31.1)	0.32 (0.04, 2.36)
BSSL	5	1,749	28.6 (9.3, 66.6)	32	22,817	14.0 (9.6, 19.8)	2.04 (0.80, 5.22)
BSOS	0	698	0.0 (0.0, 52.7)	25	8,383	29.8 (19.3, 44.0)	0.00 (0.00, 1.91)
Total	43	16,878	25.5 (18.4, 34.3)	222	120,433	18.4 (16.1, 21.0)	1.38 (1.00, 1.92)
Subsequent screen							
BSWN	5	3,035	16.5 (5.4, 38.4)	40	23,491	17.0 (12.2, 23.2)	0.97 (0.38, 2.45)
BSCM	6	2,004	29.9 (11.0, 65.1)	12	15,142	7.9 (4.1, 13.8)	3.78 (1.42, 10.05)
BSAL	3	1,028	29.2 (6.0, 85.0)	23	15,306	15.0 (9.5, 22.5)	1.94 (0.58, 6.46)
BSM	3	3,006	10.0 (2.1, 29.1)	24	16,317	14.7 (9.4, 21.9)	0.68 (0.20, 2.25)
BSCtoC	2	3,091	6.5 (0.8, 23.4)	16	16,564	9.7 (5.5, 15.7)	0.67 (0.15, 2.91)
BSC	6	1,514	39.6 (14.6, 86.1)	23	14,304	16.1 (10.2, 24.1)	2.46 (1.01, 6.04)
BSSL	9	2,256	39.9 (18.3, 75.6)	56	35,547	15.8 (11.9, 20.5)	2.53 (1.25, 5.11)
BSOS	2	623	32.1 (3.9, 115.5)	11	9,218	11.9 (6.0, 21.3)	2.69 (0.60, 12.11)
Total	36	16,557	21.7 (15.2, 30.1)	205	145,889	14.1 (12.2, 16.1)	1.55 (1.09, 2.20)
50–69 years							
Initial screen							
BSWN	10	993	100.7 (48.4, 184.4)	43	9,909	43.4 (31.4, 58.4)	2.32 (1.17, 4.60)
BSCM	7	1,017	68.8 (27.7, 141.3)	30	8,230	36.5 (24.6, 52.0)	1.89 (0.83, 4.29)
BSAL	1	468	21.4 (0.5, 118.5)	36	7,985	45.1 (31.6, 62.4)	0.47 (0.07, 3.45)
BSM	19	2,691	70.6 (42.6, 110.0)	35	8,752	40.0 (27.9, 55.6)	1.77 (1.01, 3.08)
BSCtoC	8	1,738	46.0 (19.9, 90.5)	26	5,599	46.4 (30.4, 68.0)	0.99 (0.45, 2.19)
BSC	5	595	84.0 (27.3, 195.0)	25	5,715	43.7 (28.3, 64.5)	1.92 (0.74, 5.00)
BSSL	2	340	58.8 (7.1, 210.9)	23	4,899	46.9 (29.8, 70.4)	1.25 (0.30, 5.29)
BSOS	1	206	48.5 (1.2, 267.5)	10	2,817	35.5 (17.0, 65.2)	1.37 (0.18, 10.63)
Total	53	8,048	65.9 (49.4, 86.1)	228	53,906	42.3 (37.0, 48.1)	1.56 (1.16, 2.10)
Subsequent screen							
BSWN	60	14,092	42.6 (32.5, 54.8)	350	124,600	28.1 (25.2, 31.2)	1.52 (1.15, 1.99)
BSCM	41	9,035	45.4 (32.6, 61.5)	145	73,250	19.8 (16.7, 23.3)	2.29 (1.62, 3.24)
BSAL	7	4,421	15.8 (6.4, 32.6)	130	68,482	19.0 (15.9, 22.5)	0.83 (0.39, 1.78)
BSM	86	17,377	49.5 (39.6, 61.1)	355	113,466	31.3 (28.1, 34.7)	1.58 (1.25, 2.00)
BSCtoC	38	15,450	24.6 (17.4, 33.7)	245	106,959	22.9 (20.1, 26.0)	1.07 (0.76, 1.51)
BSC	22	7,031	31.3 (19.6, 47.3)	193	83,697	23.1 (19.9, 26.5)	1.36 (0.87, 2.11)
BSSL	30	8,240	36.4 (24.6, 51.9)	557	177,669	31.4 (28.8, 34.1)	1.16 (0.80, 1.68)
BSOS	5	2,757	18.1 (5.9, 42.3)	188	63,531	29.6 (25.5, 34.1)	0.61 (0.25, 1.49)
Total	289	78,403	36.9 (32.7, 41.4)	2,163	811,654	26.6 (25.5, 27.8)	1.38 (1.22, 1.56)

Ratios above 1 mean Māori have higher rates of screen detected cancer ≤15mm than non-Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Target values are ≥ 30.5 per 10,000 screens for initial screens and ≥17.3 per 10,000 screens for subsequent screens.

Table 3.c.2.2: Detection rate of invasive breast cancer less than or equal to 15mm per 10,000 screens, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens (95% CI)	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens (95% CI)	
45–49 years							
Initial screen							
BSWN	3	1,310	22.9 (4.7, 66.8)	39	18,788	20.8 (14.8, 28.4)	1.10 (0.34, 3.57)
BSCM	2	3,570	5.6 (0.7, 20.2)	23	11,004	20.9 (13.3, 31.3)	0.27 (0.06, 1.14)
BSAL	1	1,799	5.6 (0.1, 30.9)	16	11,810	13.5 (7.7, 22.0)	0.41 (0.05, 3.09)
BSM	0	354	0.0 (0.0, 103.7)	31	15,781	19.6 (13.4, 27.9)	0.00 (0.00, 5.63)
BSCtoC	1	296	33.8 (0.9, 186.8)	22	11,896	18.5 (11.6, 28.0)	1.83 (0.25, 13.51)
BSC	1	839	11.9 (0.3, 66.2)	26	11,786	22.1 (14.4, 32.3)	0.54 (0.07, 3.98)
BSSL	1	310	32.3 (0.8, 178.4)	31	22,507	13.8 (9.4, 19.5)	2.34 (0.32, 17.10)
BSOS	0	108	0.0 (0.0, 335.8)	25	8,275	30.2 (19.6, 44.6)	0.00 (0.00, 12.18)
Total	9	8,586	10.5 (4.8, 19.9)	213	111,847	19.0 (16.6, 21.8)	0.55 (0.28, 1.07)
Subsequent screen							
BSWN	3	1,415	21.2 (4.4, 61.8)	37	22,076	16.8 (11.8, 23.1)	1.26 (0.39, 4.10)
BSCM	1	3,021	3.3 (0.1, 18.4)	11	12,121	9.1 (4.5, 16.2)	0.36 (0.05, 2.82)
BSAL	5	1,791	27.9 (9.1, 65.0)	18	13,515	13.3 (7.9, 21.0)	2.10 (0.78, 5.64)
BSM	0	240	0.0 (0.0, 152.5)	24	16,077	14.9 (9.6, 22.2)	0.00 (0.00, 11.13)
BSCtoC	1	257	38.9 (1.0, 214.9)	15	16,307	9.2 (5.1, 15.2)	4.23 (0.56, 31.90)
BSC	0	778	0.0 (0.0, 47.3)	23	13,526	17.0 (10.8, 25.5)	0.00 (0.00, 3.02)
BSSL	0	332	0.0 (0.0, 110.5)	56	35,215	15.9 (12.0, 20.6)	0.00 (0.00, 7.22)
BSOS	0	79	0.0 (0.0, 456.2)	11	9,139	12.0 (6.0, 21.5)	0.00 (0.00, 46.09)
Total	10	7,913	12.6 (6.1, 23.2)	195	137,976	14.1 (12.2, 16.3)	0.89 (0.47, 1.69)
50–69 years							
Initial screen							
BSWN	4	602	66.4 (18.1, 169.2)	39	9,307	41.9 (29.8, 57.2)	1.59 (0.57, 4.42)
BSCM	11	1,853	59.4 (29.7, 106.0)	19	6,377	29.8 (17.9, 46.5)	1.99 (0.95, 4.18)
BSAL	5	881	56.8 (18.5, 131.9)	31	7,104	43.6 (29.7, 61.9)	1.30 (0.51, 3.34)
BSM	0	228	0.0 (0.0, 160.5)	35	8,524	41.1 (28.6, 57.1)	0.00 (0.00, 4.16)
BSCtoC	0	173	0.0 (0.0, 211.0)	26	5,426	47.9 (31.3, 70.1)	0.00 (0.00, 4.78)
BSC	1	479	20.9 (0.5, 115.8)	24	5,236	45.8 (29.4, 68.1)	0.46 (0.06, 3.36)
BSSL	0	98	0.0 (0.0, 369.4)	23	4,801	47.9 (30.4, 71.8)	0.00 (0.00, 8.52)
BSOS	0	40	0.0 (0.0, 881.0)	10	2,777	36.0 (17.3, 66.1)	0.00 (0.00, 30.97)
Total	21	4,354	48.2 (29.9, 73.6)	207	49,552	41.8 (36.3, 47.9)	1.15 (0.74, 1.81)
Subsequent screen							
BSWN	20	5,923	33.8 (20.6, 52.1)	330	118,677	27.8 (24.9, 31.0)	1.21 (0.77, 1.91)
BSCM	20	12,888	15.5 (9.5, 24.0)	125	60,362	20.7 (17.2, 24.7)	0.75 (0.47, 1.20)
BSAL	11	6,999	15.7 (7.8, 28.1)	119	61,483	19.4 (16.0, 23.2)	0.81 (0.44, 1.51)
BSM	6	1,304	46.0 (16.9, 99.9)	349	112,162	31.1 (27.9, 34.6)	1.48 (0.66, 3.31)
BSCtoC	1	1,272	7.9 (0.2, 43.7)	244	105,687	23.1 (20.3, 26.2)	0.34 (0.05, 2.43)
BSC	7	3,917	17.9 (7.2, 36.8)	186	79,780	23.3 (20.1, 26.9)	0.77 (0.36, 1.63)
BSSL	5	1,318	37.9 (12.3, 88.3)	552	176,351	31.3 (28.7, 34.0)	1.21 (0.50, 2.92)
BSOS	1	341	29.3 (0.7, 162.3)	187	63,190	29.6 (25.5, 34.1)	0.99 (0.14, 7.05)
Total	71	33,962	20.9 (16.3, 26.4)	2092	777,692	26.9 (25.8, 28.1)	0.78 (0.61, 0.98)

Ratios above 1 mean Pacific women have higher rates of screen detected cancer ≤15mm than non-Māori non-Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target values are ≥ 30.5 per 10,000 screens for initial screens and ≥17.3 per 10,000 screens for subsequent screens.

Table 3.c.2.3: Detection rate of invasive breast cancer less than or equal to 15mm per 10,000 screens, total women aged 45–49 and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens (95% CI)	Invasive cancers ≤15mm	Number of screens	Number of invasive cancers ≤15mm per 10,000 screens (95% CI)
Initial screen						
BSWN	14	8,390	16.7 (9.1, 28.0)	11	3,209	34.3 (17.1, 61.3)
BSCM	11	6,301	17.5 (8.7, 31.2)	11	2,795	39.4 (19.7, 70.3)
BSAL	8	5,407	14.8 (6.4, 29.1)	12	2,334	51.4 (26.6, 89.6)
BSM	18	8,283	21.7 (12.9, 34.3)	22	4,044	54.4 (34.1, 82.2)
BSCtoC	18	5,808	31.0 (18.4, 48.9)	16	2,446	65.4 (37.4, 106.0)
BSC	11	5,537	19.9 (9.9, 35.5)	6	2,119	28.3 (10.4, 61.5)
BSSL	16	9,587	16.7 (9.5, 27.1)	10	1,925	51.9 (24.9, 95.3)
BSOS	15	4,060	36.9 (20.7, 60.9)	4	1,131	35.4 (9.6, 90.3)
Total	111	53,373	20.8 (17.1, 25.0)	92	20,003	46.0 (37.1, 56.4)
Subsequent screen						
BSWN	19	10,914	17.4 (10.5, 27.2)	193	59,334	32.5 (28.1, 37.4)
BSCM	5	7,428	6.7 (2.2, 15.7)	76	35,553	21.4 (16.8, 26.7)
BSAL	7	6,664	10.5 (4.2, 21.6)	61	31,792	19.2 (14.7, 24.6)
BSM	10	8,630	11.6 (5.6, 21.3)	213	58,340	36.5 (31.8, 41.7)
BSCtoC	7	7,988	8.8 (3.5, 18.0)	122	52,753	23.1 (19.2, 27.6)
BSC	15	6,793	22.1 (12.4, 36.4)	90	39,060	23.0 (18.5, 28.3)
BSSL	27	14,541	18.6 (12.2, 27.0)	241	75,567	31.9 (28.0, 36.2)
BSOS	3	3,831	7.8 (1.6, 22.9)	83	27,246	30.5 (24.3, 37.7)
Total	93	66,789	13.9 (11.2, 17.1)	1,079	379,645	28.4 (26.8, 30.2)

Target values for women aged 50–69 years are ≥ 30.5 per 10,000 screens for initial screens and ≥ 17.3 per 10,000 screens for subsequent screens.

3.d Invasive cancers with no nodal involvement

Description: The proportion of women with invasive screen detected breast cancer that do not have nodal involvement. Note: this is calculated as 1 minus the proportion of women with invasive screen detected breast cancer who have nodal involvement.

Target for women aged 50–69 years:

Initial (prevalent) round: >70%

Subsequent (incident) round: >75%

Table 3.d.1: Invasive cancers without nodal involvement, Māori and non-Māori women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement	
45–49 years							
Initial screen							
BSWN	14	16	87.5 (61.7, 98.4)	51	69	73.9 (61.9, 83.7)	1.18 (0.94, 1.49)
BSCM	7	13	53.8 (25.1, 80.8)	36	59	61.0 (47.4, 73.5)	0.88 (0.51, 1.52)
BSAL	1	3	33.3 (0.8, 90.6)	22	32	68.8 (50.0, 83.9)	0.48 (0.10, 2.44)
BSM	12	20	60.0 (36.1, 80.9)	39	53	73.6 (59.7, 84.7)	0.82 (0.55, 1.21)
BSCtoC	13	20	65.0 (40.8, 84.6)	29	39	74.4 (57.9, 87.0)	0.87 (0.60, 1.27)
BSC	1	4	25.0 (0.6, 80.6)	35	50	70.0 (55.4, 82.1)	0.36 (0.06, 1.97)
BSSL	6	10	60.0 (26.2, 87.8)	48	61	78.7 (66.3, 88.1)	0.76 (0.45, 1.29)
BSOS	0	0	-	28	38	73.7 (56.9, 86.6)	-
Total	54	86	62.8 (51.7, 73.0)	288	401	71.8 (67.1, 76.2)	0.87 (0.73, 1.04)
Subsequent screen							
BSWN	5	10	50.0 (18.7, 81.3)	36	55	65.5 (51.4, 77.8)	0.76 (0.40, 1.46)
BSCM	7	12	58.3 (27.7, 84.8)	23	29	79.3 (60.3, 92.0)	0.74 (0.44, 1.23)
BSAL	4	5	80.0 (28.4, 99.5)	28	36	77.8 (60.8, 89.9)	1.03 (0.64, 1.65)
BSM	5	7	71.4 (29.0, 96.3)	29	44	65.9 (50.1, 79.5)	1.08 (0.65, 1.81)
BSCtoC	4	8	50.0 (15.7, 84.3)	24	33	72.7 (54.5, 86.7)	0.69 (0.33, 1.42)
BSC	5	7	71.4 (29.0, 96.3)	23	36	63.9 (46.2, 79.2)	1.12 (0.66, 1.90)
BSSL	8	9	88.9 (51.8, 99.7)	68	93	73.1 (62.9, 81.8)	1.22 (0.94, 1.58)
BSOS	2	3	66.7 (9.4, 99.2)	14	21	66.7 (43.0, 85.4)	1.00 (0.43, 2.35)
Total	40	61	65.6 (52.3, 77.3)	245	347	70.6 (65.5, 75.3)	0.93 (0.76, 1.13)
50–69 years							
Initial screen							
BSWN	14	16	87.5 (61.7, 98.4)	48	60	80.0(67.7, 89.2)	1.09 (0.87, 1.37)
BSCM	9	11	81.8 (48.2, 97.7)	51	74	68.9(57.1, 79.2)	1.19 (0.86, 1.63)
BSAL	3	5	60.0 (14.7, 94.7)	43	57	75.4(62.2, 85.9)	0.80 (0.38, 1.65)
BSM	24	36	66.7 (49.0, 81.4)	52	72	72.2(60.4, 82.1)	0.92 (0.70, 1.21)
BSCtoC	14	23	60.9 (38.5, 80.3)	33	46	71.7(56.5, 84.0)	0.85 (0.58, 1.23)
BSC	6	7	85.7 (42.1, 99.6)	28	50	56.0(41.3, 70.0)	1.53 (1.04, 2.26)
BSSL	3	3	100.0 (29.2, 100.0)	25	35	71.4(53.7, 85.4)	1.40 (0.56, 1.64) #
BSOS	2	2	100.0 (15.8, 100.0)	15	22	68.2(45.1, 86.1)	1.47 (0.43, 1.83) #
Total	75	103	72.8 (63.2, 81.1)	295	416	70.9(66.3, 75.2)	1.03 (0.90, 1.17)
Subsequent screen							
BSWN	68	81	84.0 (74.1, 91.2)	415	535	77.6(73.8, 81.0)	1.08 (0.97, 1.20)
BSCM	52	77	67.5 (55.9, 77.8)	213	287	74.2(68.7, 79.2)	0.91 (0.77, 1.08)
BSAL	11	16	68.8 (41.3, 89.0)	169	223	75.8(69.6, 81.3)	0.91 (0.65, 1.27)
BSM	102	140	72.9 (64.7, 80.0)	406	531	76.5(72.6, 80.0)	0.95 (0.85, 1.07)
BSCtoC	59	72	81.9 (71.1, 90.0)	316	404	78.2(73.9, 82.1)	1.05 (0.93, 1.18)
BSC	26	35	74.3 (56.7, 87.5)	245	316	77.5(72.5, 82.0)	0.96 (0.78, 1.17)
BSSL	34	41	82.9 (67.9, 92.8)	630	775	81.3(78.4, 84.0)	1.02 (0.88, 1.18)
BSOS	7	10	70.0 (34.8, 93.3)	220	277	79.4(74.2, 84.0)	0.88 (0.58, 1.33)
Total	359	472	76.1 (71.9, 79.8)	2,614	3,348	78.1(76.6, 79.5)	0.97 (0.92, 1.03)

Ratios below one are unfavourable to Māori. Target values are >70% for initial screens and >75% for subsequent screens for women 50–69 years.

Table 3.d.2: Invasive cancers without nodal involvement, Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years, 5 years (July 2010 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement	
45–49 years							
Initial screen							
BSWN	2	4	50.0(6.8, 93.2)	49	65	75.4 (63.1, 85.2)	0.66(0.25, 1.78)
BSCM	7	17	41.2(18.4, 67.1)	29	42	69.0 (52.9, 82.4)	0.60(0.33, 1.09)
BSAL	1	3	33.3(0.8, 90.6)	21	29	72.4 (52.8, 87.3)	0.46(0.09, 2.32)
BSM	0	1	0.0(0.0, 97.5)	39	52	75.0 (61.1, 86.0)	0.00(0.00, 5.16)
BSCtoC	1	1	100.0(2.5, 100.0)	28	38	73.7 (56.9, 86.6)	1.36(0.22, 1.50) #
BSC	3	6	50.0(11.8, 88.2)	32	44	72.7 (57.2, 85.0)	0.69(0.30, 1.56)
BSSL	0	1	0.0(0.0, 97.5)	48	60	80.0 (67.7, 89.2)	0.00(0.00, 4.79)
BSOS	0	0	-	28	38	73.7 (56.9, 86.6)	-
Total	14	33	42.4(25.5, 60.8)	274	368	74.5 (69.7, 78.8)	0.57(0.38, 0.85)
Subsequent screen							
BSWN	1	3	33.3(0.8, 90.6)	35	52	67.3 (52.9, 79.7)	0.50(0.10, 2.48)
BSCM	3	4	75.0(19.4, 99.4)	20	25	80.0 (59.3, 93.2)	0.94(0.52, 1.71)
BSAL	5	5	100.0(47.8, 100.0)	23	31	74.2 (55.4, 88.1)	1.35(0.73, 1.62) #
BSM	0	1	0.0(0.0, 97.5)	29	43	67.4 (51.5, 80.9)	0.00(0.00, 5.83)
BSCtoC	1	1	100.0(2.5, 100.0)	23	32	71.9 (53.3, 86.3)	1.39(0.22, 1.57) #
BSC	1	1	100.0(2.5, 100.0)	22	35	62.9 (44.9, 78.5)	1.59(0.25, 1.84) #
BSSL	0	1	0.0(0.0, 97.5)	68	92	73.9 (63.7, 82.5)	0.00(0.00, 5.13)
BSOS	1	1	100.0(2.5, 100.0)	13	20	65.0 (40.8, 84.6)	1.54(0.25, 1.92) #
Total	12	17	70.6(44.0, 89.7)	233	330	70.6 (65.4, 75.5)	1.00(0.73, 1.37)
50–69 years							
Initial screen							
BSWN	4	7	57.1(18.4, 90.1)	44	53	83.0 (70.2, 91.9)	0.69(0.36, 1.32)
BSCM	18	26	69.2(48.2, 85.7)	33	48	68.8 (53.7, 81.3)	1.01(0.73, 1.39)
BSAL	7	10	70.0(34.8, 93.3)	36	47	76.6 (62.0, 87.7)	0.91(0.59, 1.41)
BSM	0	0	-	52	72	72.2 (60.4, 82.1)	-
BSCtoC	1	3	33.3(0.8, 90.6)	32	43	74.4 (58.8, 86.5)	0.45(0.09, 2.24)
BSC	4	6	66.7(22.3, 95.7)	24	44	54.5 (38.8, 69.6)	1.22(0.65, 2.29)
BSSL	0	0	-	25	35	71.4 (53.7, 85.4)	-
BSOS	0	1	0.0(0.0, 97.5)	15	21	71.4 (47.8, 88.7)	0.00(0.00, 5.85)
Total	34	53	64.2(49.8, 76.9)	261	363	71.9 (67.0, 76.5)	0.89(0.72, 1.10)
Subsequent screen							
BSWN	20	28	71.4(51.3, 86.8)	395	507	77.9 (74.0, 81.4)	0.92(0.72, 1.16)
BSCM	34	48	70.8(55.9, 83.0)	179	239	74.9 (68.9, 80.3)	0.95(0.78, 1.15)
BSAL	18	28	64.3(44.1, 81.4)	151	195	77.4 (70.9, 83.1)	0.83(0.62, 1.11)
BSM	8	10	80.0(44.4, 97.5)	398	521	76.4 (72.5, 80.0)	1.05(0.77, 1.43)
BSCtoC	2	2	100.0(15.8, 100.0)	314	402	78.1 (73.7, 82.1)	1.28(0.37, 1.29) #
BSC	10	15	66.7(38.4, 88.2)	235	301	78.1 (73.0, 82.6)	0.85(0.59, 1.23)
BSSL	7	7	100.0(59.0, 100.0)	623	768	81.1 (78.2, 83.8)	1.23(0.78, 1.25) #
BSOS	1	1	100.0(2.5, 100.0)	219	276	79.3 (74.1, 84.0)	1.26(0.20, 1.26) #
Total	100	139	71.9(63.7, 79.2)	2514	3209	78.3 (76.9, 79.8)	0.92(0.83, 1.02)

Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target values are >70% for initial screens and >75% for subsequent screens for women aged 50–69 years.

Table 3.d.3: Invasive cancers without nodal involvement, total women aged 45–49 years and 50–69 years, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement	Node negative invasive cancers	Total invasive cancers	% of invasive cancers with no nodal involvement
Initial screen						
BSWN	23	32	71.9 (53.3, 86.3)	12	15	80.0 (51.9, 95.7)
BSCM	19	26	73.1 (52.2, 88.4)	24	34	70.6 (52.5, 84.9)
BSAL	11	15	73.3 (44.9, 92.2)	14	18	77.8 (52.4, 93.6)
BSM	20	30	66.7 (47.2, 82.7)	31	47	66.0 (50.7, 79.1)
BSCtoC	21	29	72.4 (52.8, 87.3)	22	29	75.9 (56.5, 89.7)
BSC	16	21	76.2 (52.8, 91.8)	9	11	81.8 (48.2, 97.7)
BSSL	22	29	75.9 (56.5, 89.7)	12	14	85.7 (57.2, 98.2)
BSOS	19	24	79.2 (57.8, 92.9)	6	10	60.0 (26.2, 87.8)
Total	151	206	73.3 (66.7, 79.2)	130	178	73.0 (65.9, 79.4)
Subsequent screen						
BSWN	19	27	70.4 (49.8, 86.2)	224	283	79.2 (73.9, 83.7)
BSCM	11	17	64.7 (38.3, 85.8)	110	154	71.4 (63.6, 78.4)
BSAL	6	8	75.0 (34.9, 96.8)	75	101	74.3 (64.6, 82.4)
BSM	15	22	68.2 (45.1, 86.1)	245	317	77.3 (72.3, 81.8)
BSCtoC	10	16	62.5 (35.4, 84.8)	156	196	79.6 (73.3, 85.0)
BSC	13	19	68.4 (43.4, 87.4)	121	148	81.8 (74.6, 87.6)
BSSL	30	41	73.2 (57.1, 85.8)	287	352	81.5 (77.1, 85.4)
BSOS	2	3	66.7 (9.4, 99.2)	99	124	79.8 (71.7, 86.5)
Total	106	153	69.3 (61.3, 76.5)	1,317	1,675	78.6 (76.6, 80.6)

Target values are >70% for initial screens and >75% for subsequent screens.

3.e Ductal carcinoma in situ

Description:

The percentage of all women with screen detected cancer who are diagnosed as having Ductal Carcinoma in Situ (DCIS) as their primary lesion.

Target for women aged 50–69 years:

10-25% of all cancers detected by the programme are DCIS.

Table 3.e.1: Māori and non-Māori women aged 45–49 and 50–69 years with DCIS as a percentage of all screen detected cancers, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Number of DCIS	Total number of cancers	% of total cancer (95% CI)	Number of DCIS	Total number of cancers	% of total cancers (95% CI)	
45–49 years							
BSWN	1	10	10.0 (0.3, 44.5)	28	78	35.9(25.3, 47.6)	0.28(0.04, 1.83)
BSCM	2	8	25.0 (3.2, 65.1)	3	40	7.5(1.6, 20.4)	3.33(0.66, 16.85)
BSAL	2	4	50.0 (6.8, 93.2)	11	35	31.4(16.9, 49.3)	1.59(0.53, 4.76)
BSM	6	17	35.3 (14.2, 61.7)	17	59	28.8(17.8, 42.1)	1.22(0.57, 2.61)
BSCtoC	2	14	14.3 (1.8, 42.8)	7	40	17.5(7.3, 32.8)	0.82(0.19, 3.48)
BSC	1	7	14.3 (0.4, 57.9)	5	40	12.5(4.2, 26.8)	1.14(0.16, 8.37)
BSSL	5	12	41.7 (15.2, 72.3)	27	90	30.0(20.8, 40.6)	1.39(0.66, 2.91)
BSOS	1	1	100.0(2.5, 100.0)	7	34	20.6(8.7, 37.9)	4.86(0.68, 7.45) #
Total	20	73	27.4 (17.6, 39.1)	105	416	25.2(21.1, 29.7)	1.09(0.72, 1.63)
50–69 years							
BSWN	11	52	21.2 (11.1, 34.7)	72	334	21.6(17.3, 26.4)	0.98(0.56, 1.72)
BSCM	3	36	8.3 (1.8, 22.5)	40	197	20.3(14.9, 26.6)	0.41(0.13, 1.26)
BSAL	6	14	42.9 (17.7, 71.1)	31	150	20.7(14.5, 28.0)	2.07(1.05, 4.10)
BSM	15	109	13.8 (7.9, 21.7)	90	366	24.6(20.3, 29.3)	0.56(0.34, 0.93)
BSCtoC	7	45	15.6 (6.5, 29.5)	33	220	15.0(10.6, 20.4)	1.04(0.49, 2.20)
BSC	4	22	18.2 (5.2, 40.3)	42	184	22.8(17.0, 29.6)	0.80(0.32, 2.01)
BSSL	3	21	14.3 (3.0, 36.3)	119	468	25.4(21.5, 29.6)	0.56(0.19, 1.62)
BSOS	1	8	12.5 (0.3, 52.7)	31	158	19.6(13.7, 26.7)	0.64(0.10, 4.09)
Total	50	307	16.3 (12.3, 20.9)	458	2,077	22.1(20.3, 23.9)	0.74(0.57, 0.96)

Ratios in italics show a statistically significant difference between Māori and non-Māori.

Table 3.e.2: Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years with DCIS as a percentage of all screen detected cancers, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Number of DCIS	Total number of cancers	% of total cancers that were DCIS (95% CI)	Number of DCIS	Total number of cancers	% of total cancers that were DCIS (95% CI)	
45–49 years							
BSWN	0	4	0.0(0.0, 60.2)	28	74	37.8(26.8, 49.9)	0.00(0.00, 2.61)
BSCM	1	8	12.5(0.3, 52.7)	2	32	6.2(0.8, 20.8)	2.00(0.21, 19.40)
BSAL	0	4	0.0(0.0, 60.2)	11	31	35.5(19.2, 54.6)	0.00(0.00, 3.09)
BSM	1	3	33.3(0.8, 90.6)	16	56	28.6(17.3, 42.2)	1.17(0.22, 6.09)
BSCtoC	0	2	0.0(0.0, 84.2)	7	38	18.4(7.7, 34.3)	0.00(0.00, 13.18)
BSC	0	3	0.0(0.0, 70.8)	5	37	13.5(4.5, 28.8)	0.00(0.00, 13.46)
BSSL	0	2	0.0(0.0, 84.2)	27	88	30.7(21.3, 41.4)	0.00(0.00, 6.44)
BSOS	0	0	-	7	34	20.6(8.7, 37.9)	-
Total	2	26	7.7(0.9, 25.1)	103	390	26.4(22.1, 31.1)	0.29(0.08, 1.11)
50–69 years							
BSWN	7	24	29.2(12.6, 51.1)	65	310	21.0(16.6, 25.9)	1.39(0.72, 2.69)
BSCM	5	43	11.6(3.9, 25.1)	35	154	22.7(16.4, 30.2)	0.51(0.21, 1.23)
BSAL	3	17	17.6(3.8, 43.4)	28	133	21.1(14.5, 29.0)	0.84(0.29, 2.46)
BSM	1	6	16.7(0.4, 64.1)	89	360	24.7(20.4, 29.5)	0.67(0.11, 4.07)
BSCtoC	0	1	0.0(0.0, 97.5)	33	219	15.1(10.6, 20.5)	0.00(0.00, 25.90)
BSC	4	12	33.3(9.9, 65.1)	38	172	22.1(16.1, 29.0)	1.51(0.65, 3.52)
BSSL	0	2	0.0(0.0, 84.2)	119	466	25.5(21.6, 29.8)	0.00(0.00, 7.34)
BSOS	2	2	100.0(15.8, 100.0)	29	156	18.6(12.8, 25.6)	5.38(1.50, 6.54) #
Total	22	107	20.6(13.4, 29.5)	436	1,970	22.1(20.3, 24.0)	0.93(0.63, 1.36)

Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target values for women aged 50–69 years are between 10% and 25%.

Table 3.e.3: Total women aged 45–49 and 50–69 years with DCIS as a percentage of all screen detected cancers, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Number of DCIS	Total number of cancers	% of total cancer (95% CI)	Number of DCIS	Total number of cancers	% of total cancers (95% CI)
BSWN	29	88	33.0(23.3, 43.8)	83	386	21.5(17.5, 25.9)
BSCM	5	48	10.4(3.5, 22.7)	43	233	18.5(13.7, 24.0)
BSAL	13	39	33.3(19.1, 50.2)	37	164	22.6(16.4, 29.7)
BSM	23	76	30.3(20.2, 41.9)	105	475	22.1(18.5, 26.1)
BSCtoC	9	54	16.7(7.9, 29.3)	40	265	15.1(11.0, 20.0)
BSC	6	47	12.8(4.8, 25.7)	46	206	22.3(16.8, 28.6)
BSSL	32	102	31.4(22.5, 41.3)	122	489	24.9(21.2, 29.0)
BSOS	8	35	22.9(10.4, 40.1)	32	166	19.3(13.6, 26.1)
Total	125	489	25.6(21.8, 29.7)	508	2,384	21.3(19.7, 23.0)

Target values for women aged 50–69 years are between 10% and 25%.

SECTION 5: PROVISION OF AN APPROPRIATE AND ACCEPTABLE SERVICE

5.a Time taken for provision of screening results

Description:

The time since screening that it takes for a woman to be sent the results of her mammogram.

Target for women aged 50–69 years:

90-95% notified within 10 working days.

Table 5.a.1: Percentage of Māori and non-Māori women aged 45–49 and 50–69 years notified of screening results within 10 working days, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)	
45–49 years							
BSWN	2,092	2,121	98.6 (98.0, 99.1)	16,592	16,824	98.6 (98.4, 98.8)	1.00(0.99, 1.01)
BSCM	1,634	1,658	98.6 (97.9, 99.1)	11,615	11,800	98.4 (98.2, 98.6)	1.00(0.99, 1.01)
BSAL	715	755	94.7 (92.9, 96.2)	10,317	10,978	94.0 (93.5, 94.4)	1.01(0.99, 1.03)
BSM	2,324	2,989	77.8 (76.2, 79.2)	9,999	13,318	75.1 (74.3, 75.8)	1.04(1.01, 1.06)
BSCtoC	2,323	2,334	99.5 (99.2, 99.8)	10,604	10,668	99.4 (99.2, 99.5)	1.00(1.00, 1.00)
BSC	1,158	1,222	94.8 (93.4, 95.9)	10,363	10,852	95.5 (95.1, 95.9)	0.99(0.98, 1.01)
BSSL	1,228	1,569	78.3 (76.1, 80.3)	17,426	22,146	78.7 (78.1, 79.2)	0.99(0.97, 1.02)
BSOS	465	563	82.6 (79.2, 85.6)	6,291	7,294	86.2 (85.4, 87.0)	0.96(0.92, 1.00)
Total	11,939	13,211	90.4(89.9, 90.9)	93,207	103,880	89.7(89.5, 89.9)	1.01(1.00, 1.01)
50–69 years							
*	6,088	6,154	98.9 (98.6, 99.2)	54,716	55,081	99.3 (99.3, 99.4)	1.00(0.99, 1.00)
BSCM	4,010	4,052	99.0 (98.6, 99.3)	33,216	33,590	98.9 (98.8, 99.0)	1.00(1.00, 1.00)
BSAL	1,929	2,017	95.6 (94.7, 96.5)	29,718	31,021	95.8 (95.6, 96.0)	1.00(0.99, 1.01)
BSM	6,943	8,848	78.5 (77.6, 79.3)	38,102	51,084	74.6 (74.2, 75.0)	1.05(1.04, 1.06)
BSCtoC	7,146	7,180	99.5 (99.3, 99.7)	44,918	45,116	99.6 (99.5, 99.6)	1.00(1.00, 1.00)
BSC	3,083	3,256	94.7 (93.9, 95.4)	35,733	37,254	95.9 (95.7, 96.1)	0.99(0.98, 1.00)
BSSL	2,894	3,602	80.3 (79.0, 81.6)	57,837	72,331	80.0 (79.7, 80.3)	1.00(0.99, 1.02)
BSOS	1,164	1,291	90.2 (88.4, 91.7)	24,335	26,968	90.2 (89.9, 90.6)	1.00(0.98, 1.02)
Total	33,257	36,400	91.4(91.1, 91.7)	318,575	352,445	90.4(90.3, 90.5)	1.01(1.01, 1.01)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori. Shaded boxes show the value excludes the target of 90–95%.

Figure 5.a.a: Trends in the percentage of Māori and non-Māori women aged 50–69 years notified of screening results within 10 working days, by Lead Provider, July 2008 to June 2015

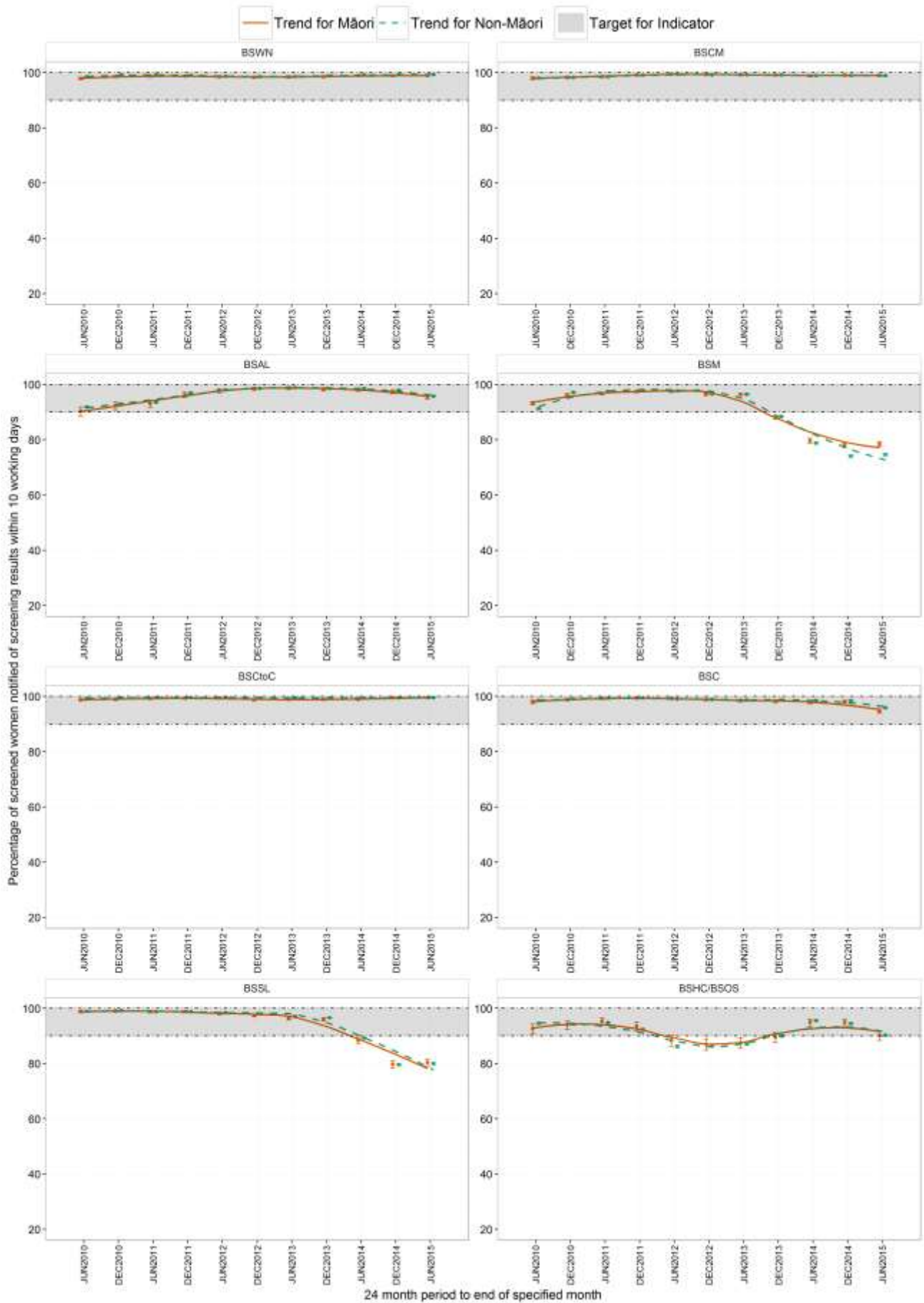


Table 5.a.2: Percentage of Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years notified of screening results within 10 working days, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)	
45–49 years							
BSWN	1,020	1,030	99.0(98.2, 99.5)	15,572	15,794	98.6(98.4, 98.8)	1.00(1.00, 1.01)
BSCM	2,606	2,665	97.8(97.2, 98.3)	9,009	9,135	98.6(98.4, 98.8)	0.99(0.99, 1.00)
BSAL	1,298	1,378	94.2(92.8, 95.4)	9,019	9,600	93.9(93.5, 94.4)	1.00(0.99, 1.02)
BSM	209	289	72.3(66.8, 77.4)	9,790	13,029	75.1(74.4, 75.9)	0.96(0.90, 1.03)
BSCtoC	217	218	99.5(97.5, 100.0)	10,387	10,450	99.4(99.2, 99.5)	1.00(0.99, 1.01)
BSC	607	666	91.1(88.7, 93.2)	9,756	10,186	95.8(95.4, 96.2)	0.95(0.93, 0.97)
BSSL	212	267	79.4(74.0, 84.1)	17,214	21,879	78.7(78.1, 79.2)	1.01(0.95, 1.07)
BSOS	68	84	81.0(70.9, 88.7)	6,223	7,210	86.3(85.5, 87.1)	0.94(0.85, 1.04)
Total	6,237	6,597	94.5(94.0, 95.1)	86,970	97,283	89.4(89.2, 89.6)	1.06(1.05, 1.06)
50–69 years							
BSWN	2,672	2,689	99.4(99.0, 99.6)	52,044	52,392	99.3(99.3, 99.4)	1.00(1.00, 1.00)
BSCM	6,176	6,254	98.8(98.4, 99.0)	27,040	27,336	98.9(98.8, 99.0)	1.00(1.00, 1.00)
BSAL	3,013	3,137	96.0(95.3, 96.7)	26,705	27,884	95.8(95.5, 96.0)	1.00(1.00, 1.01)
BSM	497	668	74.4(70.9, 77.7)	37,605	50,416	74.6(74.2, 75.0)	1.00(0.95, 1.04)
BSCtoC	608	609	99.8(99.1, 100.0)	44,310	44,507	99.6(99.5, 99.6)	1.00(1.00, 1.01)
BSC	1,758	1,847	95.2(94.1, 96.1)	33,975	35,407	96.0(95.7, 96.2)	0.99(0.98, 1.00)
BSSL	469	595	78.8(75.3, 82.0)	57,368	71,736	80.0(79.7, 80.3)	0.99(0.95, 1.03)
BSOS	140	168	83.3(76.8, 88.6)	24,195	26,800	90.3(89.9, 90.6)	0.92(0.86, 0.99)
Total	15,333	15,967	96.0(95.7, 96.3)	303,242	336,478	90.1(90.0, 90.2)	1.07(1.06, 1.07)

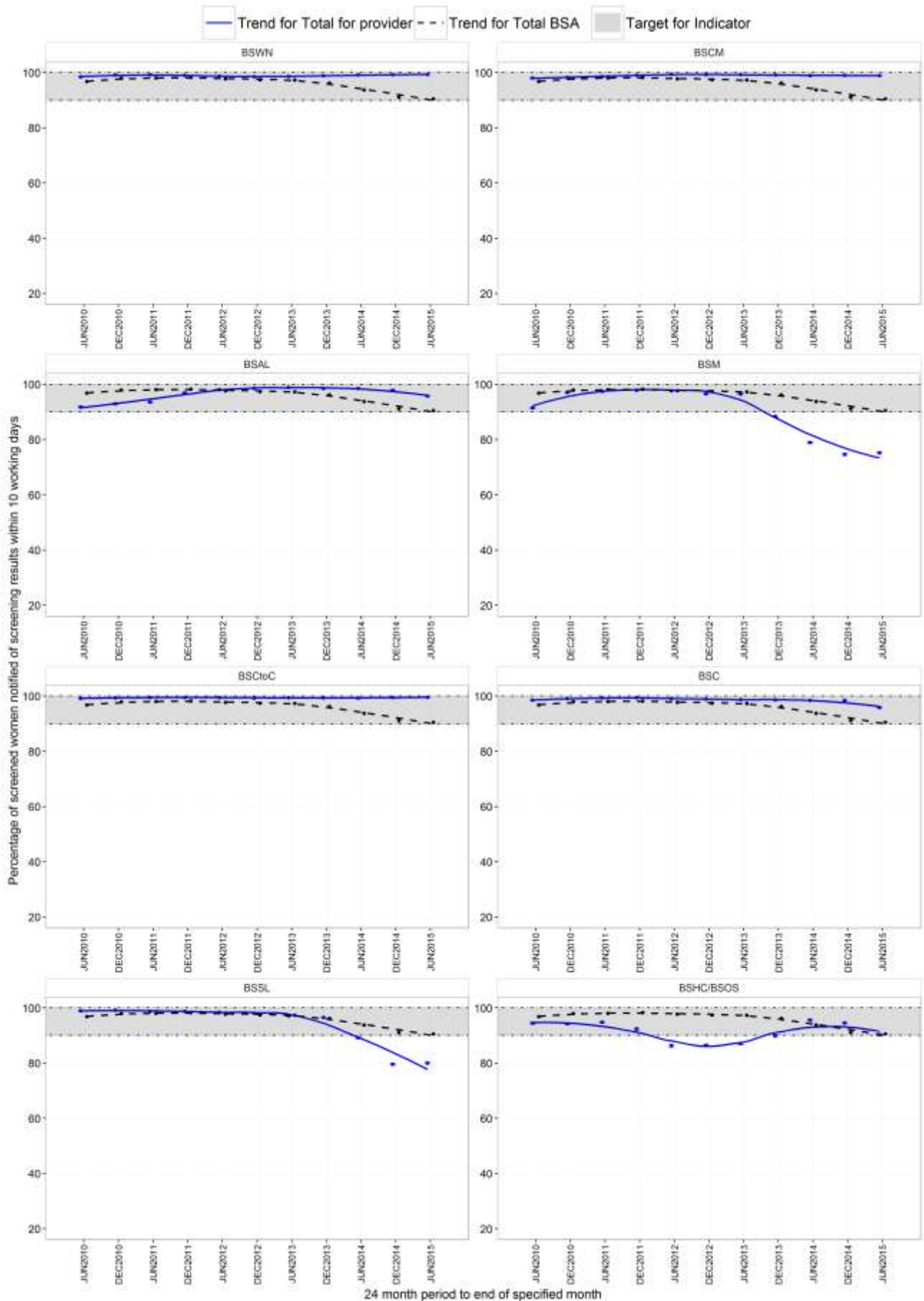
Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Target values are 90–95%. Shaded boxes show the value excludes the target of 90–95%.

Table 5.a.3: Percentage of total women aged 45–49 and 50–69 years notified of screening results within 10 working days, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)	No. of women notified within 10 working days	No. of women screened	% notified within 10 working days (95% CI)
BSWN	18,684	18,945	98.6(98.4, 98.8)	60,804	61,235	99.3(99.2, 99.4)
BSCM	13,249	13,458	98.4(98.2, 98.6)	37,226	37,642	98.9(98.8, 99.0)
BSAL	11,032	11,733	94.0(93.6, 94.4)	31,647	33,038	95.8(95.6, 96.0)
BSM	12,323	16,307	75.6(74.9, 76.2)	45,045	59,932	75.2(74.8, 75.5)
BSCtoC	12,927	13,002	99.4(99.3, 99.5)	52,064	52,296	99.6(99.5, 99.6)
BSC	11,521	12,074	95.4(95.0, 95.8)	38,816	40,510	95.8(95.6, 96.0)
BSSL	18,654	23,715	78.7(78.1, 79.2)	60,731	75,933	80.0(79.7, 80.3)
BSOS	6,756	7,857	86.0(85.2, 86.7)	25,499	28,259	90.2(89.9, 90.6)
Total	105,146	117,091	89.8(89.6, 90.0)	351,832	388,845	90.5(90.4, 90.6)

Target values are 90–95%. Shaded boxes show the value excludes the target of 90–95%.

Figure 5.a.b: Trends in the percentage of total women aged 50–69 years notified of screening results within 10 working days, by Lead Provider and all BSA, July 2008 to June 2015



5.b Time taken from screening visit to first offer of an assessment

Description:

The time between screening and the earliest appointment date the woman is offered for assessment. In some cases this date may not coincide with the actual date of assessment due to the fact that many women arrange for a time that suits them better.

Target for women aged 50–69 years:

90% offered an assessment appointment within 15 working days.

Table 5.b.1: Percentage of Māori and non-Māori women aged 45–49 and 50–69 years offered first assessment appointment within 15 working days, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)	
45–49 years							
BSWN	152	174	87.4(81.5, 91.9)	1,071	1,197	89.5 (87.6, 91.2)	0.98 (0.92, 1.04)
BSCM	71	99	71.7(61.8, 80.3)	522	662	78.9 (75.5, 81.9)	0.91 (0.80, 1.04)
BSAL	22	35	62.9(44.9, 78.5)	351	596	58.9 (54.8, 62.9)	1.07 (0.82, 1.39)
BSM	203	260	78.1(72.5, 83.0)	745	1,013	73.5 (70.7, 76.2)	1.06 (0.99, 1.14)
BSCtoC	98	129	76.0(67.7, 83.1)	375	439	85.4 (81.8, 88.6)	0.89 (0.80, 0.99)
BSC	42	50	84.0(70.9, 92.8)	440	548	80.3 (76.7, 83.5)	1.05 (0.92, 1.19)
BSSL	76	137	55.5(46.7, 64.0)	850	1,619	52.5 (50.0, 55.0)	1.06 (0.90, 1.24)
BSOS	9	56	16.1(7.6, 28.3)	140	627	22.3 (19.1, 25.8)	0.72 (0.39, 1.33)
Total	673	940	71.6(68.6, 74.5)	4,494	6,701	67.1 (65.9, 68.2)	1.07 (1.02, 1.12)
50–69 years							
BSWN	237	281	84.3(79.6, 88.4)	1,959	2,222	88.2 (86.7, 89.5)	0.96 (0.91, 1.01)
BSCM	108	159	67.9(60.1, 75.1)	1,001	1,326	75.5 (73.1, 77.8)	0.90 (0.81, 1.01)
BSAL	43	74	58.1(46.1, 69.5)	592	1,011	58.6 (55.4, 61.6)	0.99 (0.81, 1.21)
BSM	331	463	71.5(67.1, 75.6)	1,484	2,127	69.8 (67.8, 71.7)	1.02 (0.96, 1.09)
BSCtoC	143	205	69.8(63.0, 76.0)	819	996	82.2 (79.7, 84.6)	0.85 (0.77, 0.93)
BSC	98	127	77.2(68.9, 84.1)	1,063	1,273	83.5 (81.3, 85.5)	0.92 (0.84, 1.02)
BSSL	77	148	52.0(43.7, 60.3)	1,460	2,903	50.3 (48.5, 52.1)	1.03 (0.88, 1.21)
BSOS	13	58	22.4(12.5, 35.3)	327	1,198	27.3 (24.8, 29.9)	0.82 (0.50, 1.34)
Total	1,050	1,515	69.3(66.9, 71.6)	8,705	13,056	66.7 (65.9, 67.5)	1.04 (1.00, 1.08)

Ratios below one are unfavourable to Māori. Ratios in italics show a statistically significant difference between Māori and non-Māori women. Shaded boxes show confidence interval excludes target of 90% or more.

Figure 5.b.a: Trends in the percentage of Māori and non-Māori women aged 50–69 years offered first assessment appointment within 15 working days, by Lead Provider, July 2008 to June 2015

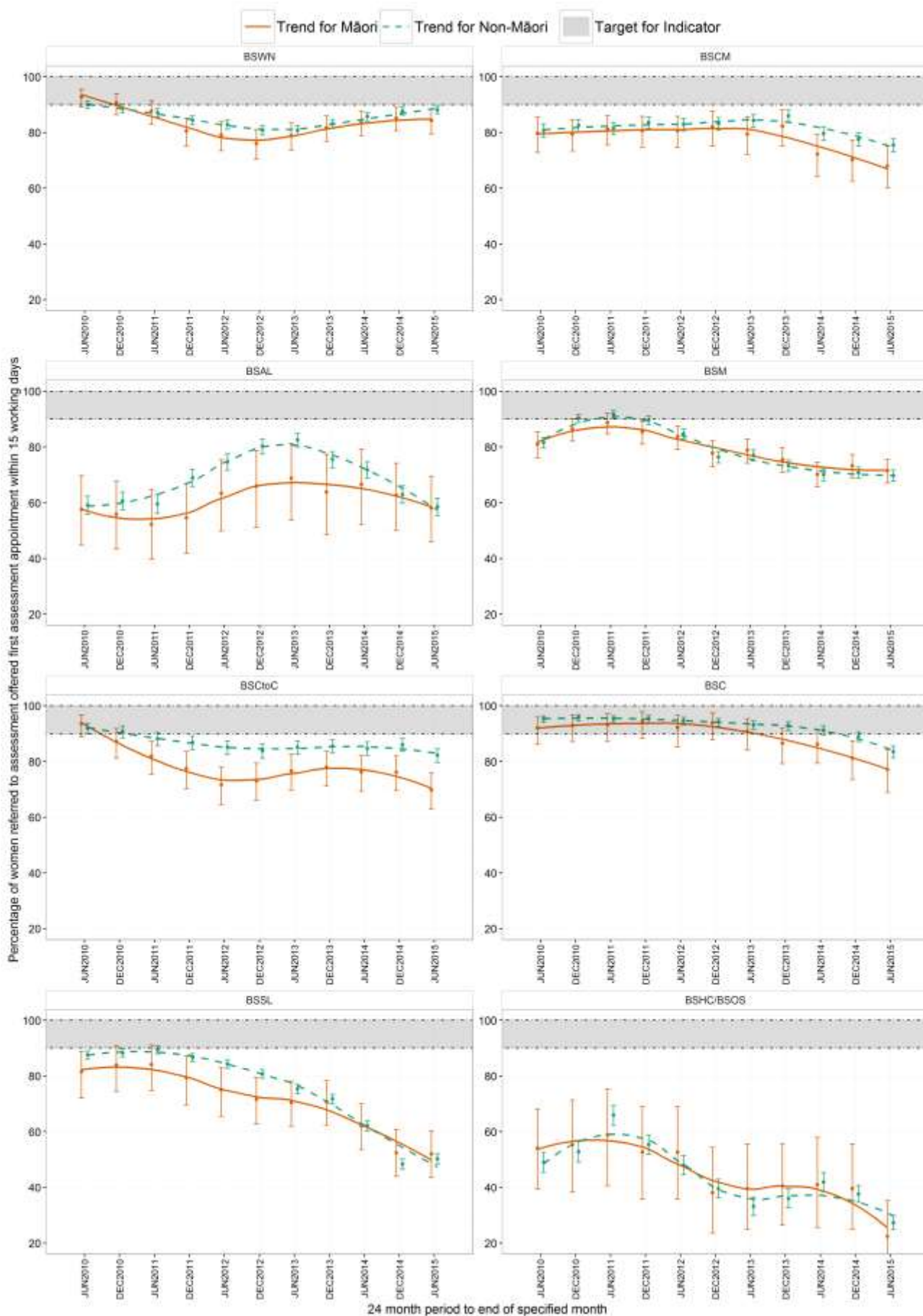


Table 5.b.2: Percentage of Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years offered first assessment appointment within 15 working days, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)	
45–49 years							
BSWN	58	68	85.3 (74.6, 92.7)	1,013	1,129	89.7 (87.8, 91.4)	0.95 (0.86, 1.05)
BSCM	83	129	64.3 (55.4, 72.6)	439	533	82.4 (78.9, 85.5)	0.78 (0.68, 0.89)
BSAL	31	63	49.2 (36.4, 62.1)	320	533	60.0 (55.7, 64.2)	0.82 (0.63, 1.06)
BSM	16	23	69.6 (47.1, 86.8)	729	990	73.6 (70.8, 76.4)	0.94 (0.72, 1.24)
BSCtoC	7	11	63.6 (30.8, 89.1)	368	428	86.0 (82.3, 89.1)	0.74 (0.47, 1.16)
BSC	28	42	66.7 (50.5, 80.4)	412	506	81.4 (77.8, 84.7)	0.82 (0.66, 1.02)
BSSL	7	13	53.8 (25.1, 80.8)	843	1,606	52.5 (50.0, 55.0)	1.03 (0.62, 1.70)
BSOS	1	9	11.1 (0.3, 48.2)	139	618	22.5 (19.3, 26.0)	0.49 (0.08, 3.15)
Total	231	358	64.5 (59.3, 69.5)	4,263	6,343	67.2 (66.0, 68.4)	0.96 (0.89, 1.04)
50–69 years							
BSWN	102	119	85.7 (78.1, 91.5)	1,857	2,103	88.3 (86.9, 89.6)	0.97 (0.90, 1.05)
BSCM	164	248	66.1 (59.9, 72.0)	837	1,078	77.6 (75.0, 80.1)	0.85 (0.77, 0.94)
BSAL	52	98	53.1 (42.7, 63.2)	540	913	59.1 (55.9, 62.4)	0.90 (0.74, 1.09)
BSM	14	24	58.3 (36.6, 77.9)	1,470	2,103	69.9 (67.9, 71.9)	0.83 (0.59, 1.17)
BSCtoC	10	14	71.4 (41.9, 91.6)	809	982	82.4 (79.9, 84.7)	0.87 (0.62, 1.21)
BSC	45	60	75.0 (62.1, 85.3)	1,018	1,213	83.9 (81.7, 85.9)	0.89 (0.77, 1.04)
BSSL	7	18	38.9 (17.3, 64.3)	1,453	2,885	50.4 (48.5, 52.2)	0.77 (0.43, 1.38)
BSOS	1	7	14.3 (0.4, 57.9)	326	1,191	27.4 (24.9, 30.0)	0.52 (0.08, 3.21)
Total	395	588	67.2 (63.2, 71.0)	8,310	12,468	66.7 (65.8, 67.5)	1.01 (0.95, 1.07)

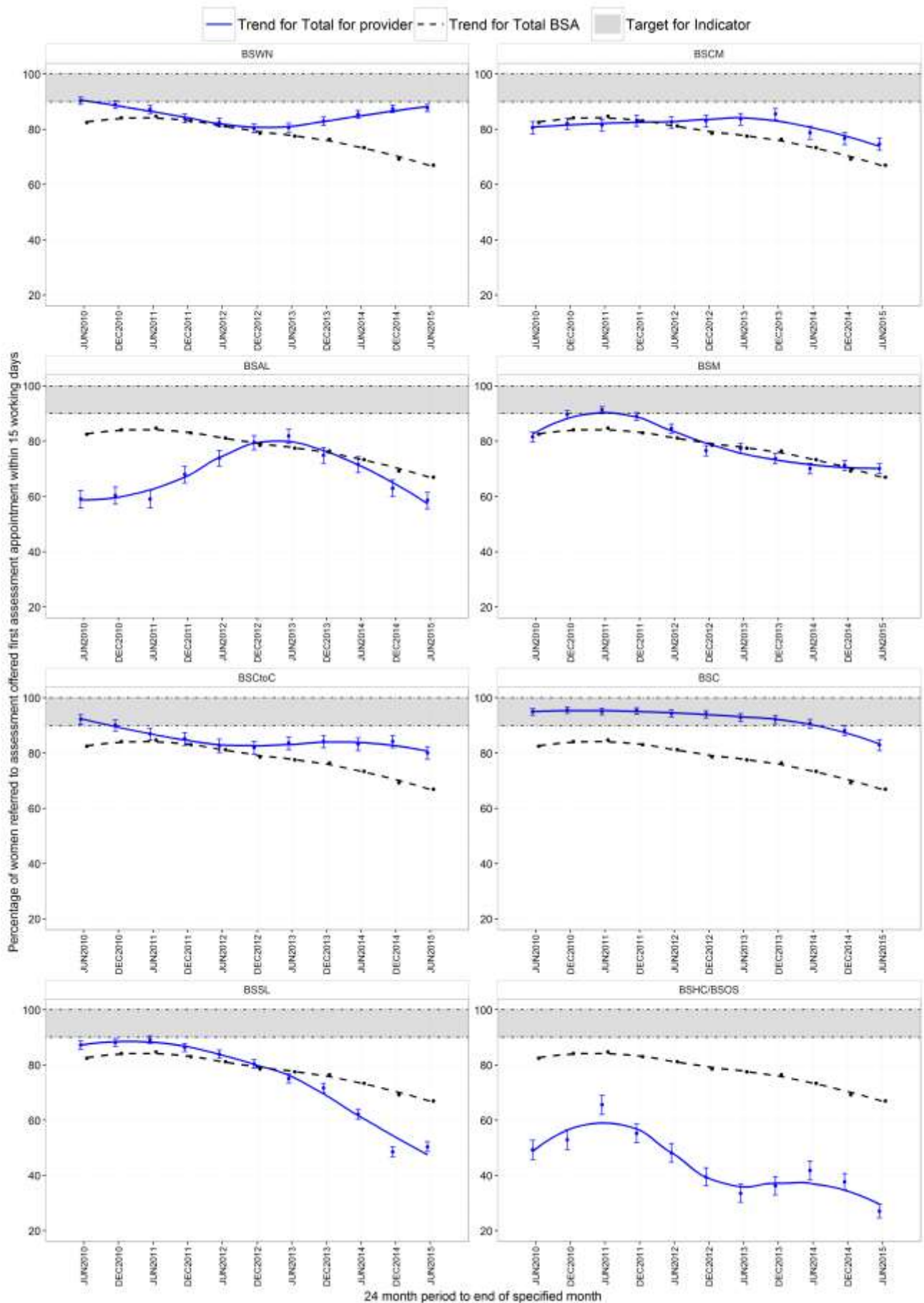
Ratios below one are unfavourable to Pacific women. Ratios in italics show a statistically significant difference between Pacific and non-Māori non-Pacific women. Shaded boxes show confidence interval excludes target of 90% or more.

Table 5.b.3: Percentage of total women aged 45–49 and 50–69 years offered first assessment appointment within 15 working days, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)	No. of women offered assessment within 15 working days	No. of women referred to assessment	% of women referred to assessment (95% CI)
BSWN	1,223	1,371	89.2 (87.4, 90.8)	2,196	2,503	87.7 (86.4, 89.0)
BSCM	593	761	77.9 (74.8, 80.8)	1,109	1,485	74.7 (72.4, 76.9)
BSAL	373	631	59.1 (55.2, 63.0)	635	1,085	58.5 (55.5, 61.5)
BSM	948	1,273	74.5 (72.0, 76.8)	1,815	2,590	70.1 (68.3, 71.8)
BSCtoC	473	568	83.3 (79.9, 86.3)	962	1,201	80.1 (77.7, 82.3)
BSC	482	598	80.6 (77.2, 83.7)	1,161	1,400	82.9 (80.9, 84.9)
BSSL	926	1,756	52.7 (50.4, 55.1)	1,537	3,051	50.4 (48.6, 52.2)
BSOS	149	683	21.8 (18.8, 25.1)	340	1,256	27.1 (24.6, 29.6)
Total	5,167	7,641	67.6 (66.6, 68.7)	9,755	14,571	66.9 (66.2, 67.7)

Shaded boxes show confidence interval excludes target of 90% or more.

Figure 5.b.b: Trends in the percentage of total women aged 50–69 years offered first assessment appointment within 15 working days, by Lead Provider and all BSA, July 2008 to June 2015



5.c Time taken from assessment to final diagnostic biopsy

Description:

The time between first level assessment and the final assessment procedure producing a diagnosis.

Targets for women aged 50–69 years:

At least 90% of women requiring **needle biopsy** have that procedure completed within **five working** days of their assessment.

At least 90% of women requiring **open biopsy** should have this performed within **20 working days** of being notified of the need for this operation.

Table 5.c.1.1: Māori and non-Māori women aged 45–49 and 50–69 years receiving needle biopsy within 5 working days of assessment, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI) #
	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)	
45–49 years							
BSWN	68	68	100.0 (94.7, 100.0)	315	318	99.1 (97.3, 99.8)	1.01 (0.96, 1.02) #
BSCM	50	52	96.2 (86.8, 99.5)	255	265	96.2 (93.2, 98.2)	1.00 (0.94, 1.06)
BSAL	11	14	78.6 (49.2, 95.3)	174	206	84.5 (78.8, 89.1)	0.93 (0.70, 1.23)
BSM	103	110	93.6 (87.3, 97.4)	287	311	92.3 (88.7, 95.0)	1.01 (0.96, 1.08)
BSCtoC	64	64	100.0 (94.4, 100.0)	130	130	100.0 (97.2, 100.0)	1.00 (0.95, 1.02) #
BSC	20	20	100.0 (83.2, 100.0)	116	116	100.0 (96.9, 100.0)	1.00 (0.85, 1.02) #
BSSL	52	54	96.3 (87.3, 99.5)	457	481	95.0 (92.7, 96.8)	1.01 (0.96, 1.07)
BSOS	15	15	100.0 (78.2, 100.0)	152	157	96.8 (92.7, 99.0)	1.03 (0.82, 1.06) #
Total	383	397	96.5 (94.2, 98.1)	1,886	1,984	95.1 (94.0, 96.0)	1.01 (0.99, 1.04)
50–69 years							
BSWN	111	112	99.1 (95.1, 100.0)	745	756	98.5 (97.4, 99.3)	1.01 (0.99, 1.03)
BSCM	88	91	96.7 (90.7, 99.3)	518	544	95.2 (93.1, 96.9)	1.02 (0.97, 1.06)
BSAL	23	30	76.7 (57.7, 90.1)	306	375	81.6 (77.3, 85.4)	0.94 (0.77, 1.15)
BSM	219	243	90.1 (85.7, 93.6)	732	806	90.8 (88.6, 92.7)	0.99 (0.95, 1.04)
BSCtoC	97	97	100.0 (96.3, 100.0)	429	430	99.8 (98.7, 100.0)	1.00 (0.97, 1.01) #
BSC	46	46	100.0 (92.3, 100.0)	361	364	99.2 (97.6, 99.8)	1.01 (0.93, 1.02) #
BSSL	47	47	100.0 (92.5, 100.0)	1,001	1,059	94.5 (93.0, 95.8)	1.06 (0.98, 1.07) #
BSOS	20	20	100.0 (83.2, 100.0)	354	358	98.9 (97.2, 99.7)	1.01 (0.85, 1.02) #
Total	651	686	94.9 (93.0, 96.4)	4,446	4,692	94.8 (94.1, 95.4)	1.00 (0.98, 1.02)

Ratios below one are unfavourable to Māori. Shaded boxes show confidence interval excludes target of 90% or more.

Figure 5.c.1a: Trends in the percentage of Māori and non-Māori women aged 50–69 years receiving their needle biopsy within 5 working days of assessment, by Lead Provider, July 2008 to June 2015

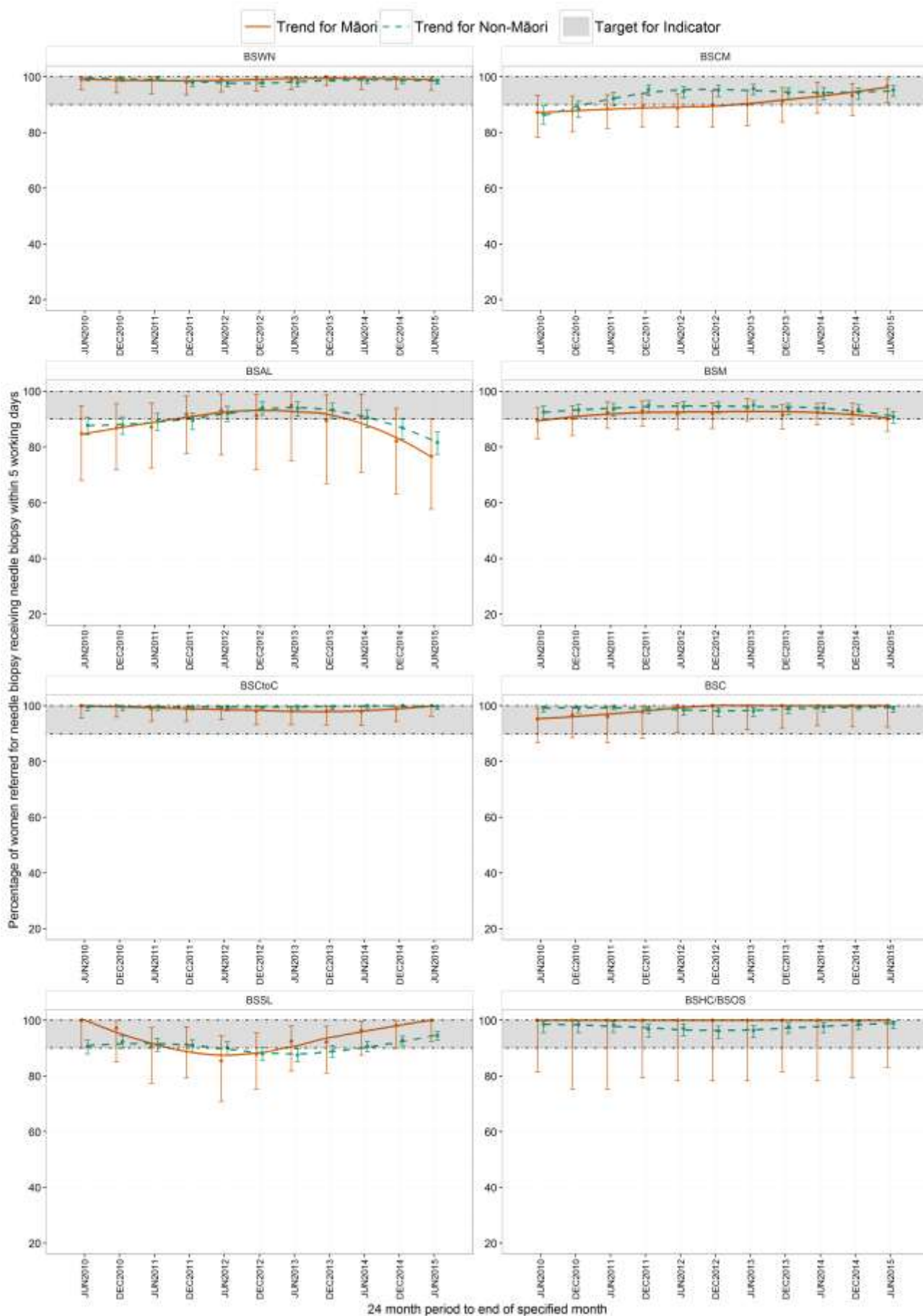


Table 5.c.1.2: Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years receiving needle biopsy within 5 working days of assessment, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)	
45–49 years							
BSWN	20	20	100.0(83.2, 100.0)	295	298	99.0 (97.1, 99.8)	1.01 (0.85, 1.02) #
BSCM	56	58	96.6(88.1, 99.6)	199	207	96.1 (92.5, 98.3)	1.00 (0.95, 1.06)
BSAL	21	26	80.8(60.6, 93.4)	153	180	85.0 (78.9, 89.9)	0.95 (0.78, 1.16)
BSM	11	11	100.0(71.5, 100.0)	276	300	92.0 (88.3, 94.8)	1.09 (0.80, 1.11) #
BSCtoC	5	5	100.0(47.8, 100.0)	125	125	100.0 (97.1, 100.0)	1.00 (0.54, 1.00) #
BSC	6	6	100.0(54.1, 100.0)	110	110	100.0 (96.7, 100.0)	1.00 (0.60, 1.01) #
BSSL	7	7	100.0(59.0, 100.0)	450	474	94.9 (92.6, 96.7)	1.05 (0.67, 1.06) #
BSOS	3	3	100.0(29.2, 100.0)	149	154	96.8 (92.6, 98.9)	1.03 (0.41, 1.04) #
Total	129	136	94.9(89.7, 97.9)	1,757	1,848	95.1 (94.0, 96.0)	1.00 (0.96, 1.04)
50–69 years							
BSWN	48	49	98.0(89.1, 99.9)	697	707	98.6 (97.4, 99.3)	0.99 (0.95, 1.04)
BSCM	105	109	96.3(90.9, 99.0)	413	435	94.9 (92.4, 96.8)	1.01 (0.97, 1.06)
BSAL	34	38	89.5(75.2, 97.1)	272	337	80.7 (76.1, 84.8)	1.11 (0.98, 1.25)
BSM	14	14	100.0(76.8, 100.0)	718	792	90.7 (88.4, 92.6)	1.10 (0.86, 1.11) #
BSCtoC	3	3	100.0(29.2, 100.0)	426	427	99.8 (98.7, 100.0)	1.00 (0.40, 1.00) #
BSC	21	22	95.5(77.2, 99.9)	340	342	99.4 (97.9, 99.9)	0.96 (0.88, 1.05)
BSSL	7	7	100.0(59.0, 100.0)	994	1,052	94.5 (92.9, 95.8)	1.06 (0.67, 1.06) #
BSOS	4	4	100.0(39.8, 100.0)	350	354	98.9 (97.1, 99.7)	1.01 (0.49, 1.01) #
Total	236	246	95.9(92.7, 98.0)	4,210	4,446	94.7(94.0, 95.3)	1.01 (0.99, 1.04)

Ratios below one are unfavourable to Pacific women. Shaded boxes show confidence interval excludes target of 90% or more.

Table 5.c.1.3: Total women aged 45–49 and 50–69 years receiving needle biopsy within 5 working days of assessment, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)	Needle biopsies within 5 days of assessment	Total needle biopsies	% of needle biopsies received within 5 days of assessment (95% CI)
BSWN	383	386	99.2(97.7, 99.8)	856	868	98.6(97.6, 99.3)
BSCM	305	317	96.2(93.5, 98.0)	606	635	95.4(93.5, 96.9)
BSAL	185	220	84.1(78.6, 88.7)	329	405	81.2(77.1, 84.9)
BSM	390	421	92.6(89.7, 94.9)	951	1,049	90.7(88.7, 92.4)
BSCtoC	194	194	100.0(98.1, 100.0)	526	527	99.8(98.9, 100.0)
BSC	136	136	100.0(97.3, 100.0)	407	410	99.3(97.9, 99.8)
BSSL	509	535	95.1(93.0, 96.8)	1,048	1,106	94.8(93.3, 96.0)
BSOS	167	172	97.1(93.3, 99.0)	374	378	98.9(97.3, 99.7)
Total	2,269	2,381	95.3(94.4, 96.1)	5,097	5,378	94.8(94.1, 95.4)

Shaded boxes show confidence interval excludes target of 90% or more.

Figure 5.c.1b: Trends in the percentage of total women aged 50–69 years receiving their needle biopsy within 5 working days of assessment, by Lead Provider and all BSA, July 2008 to June 2015

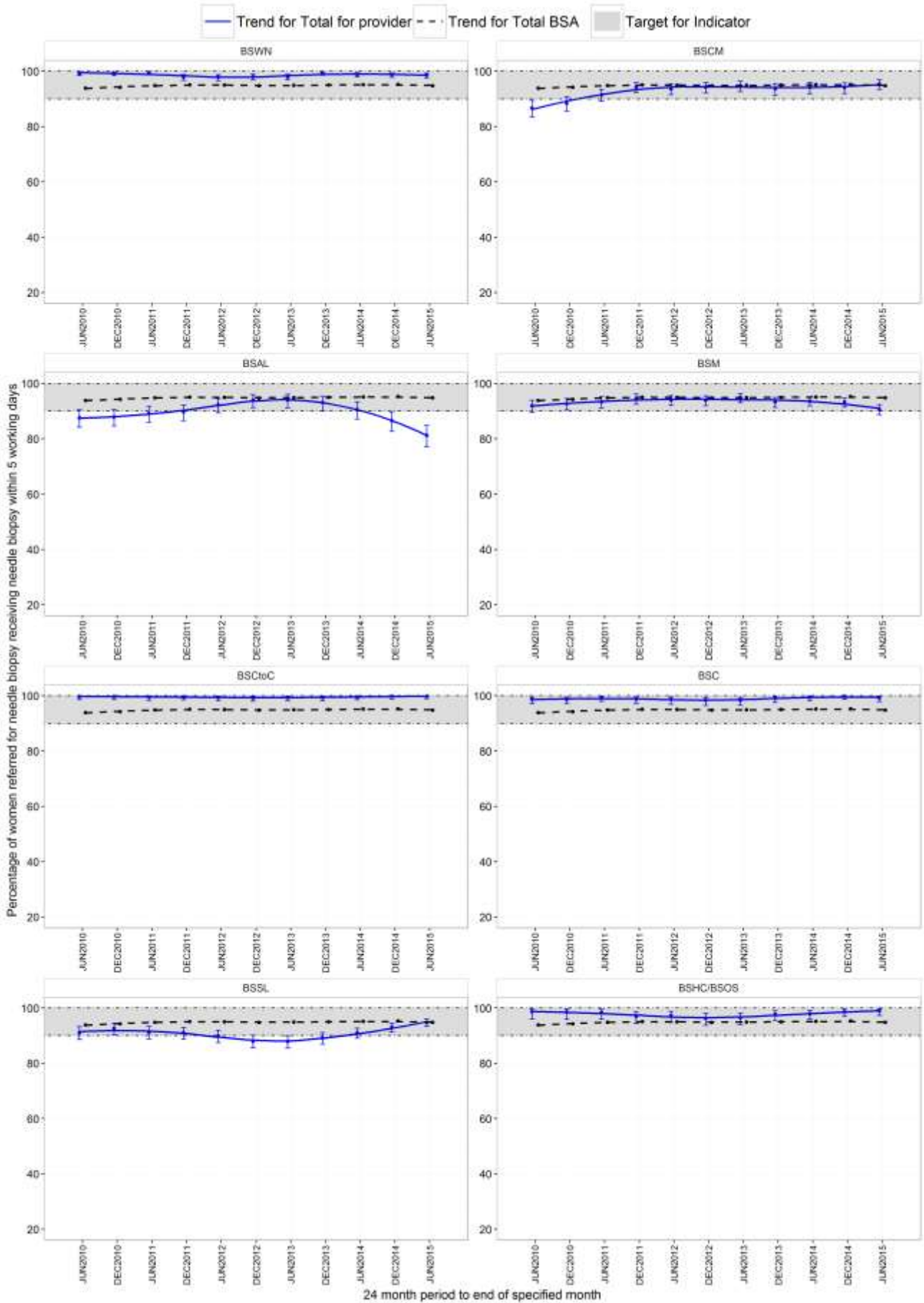


Table 5.c.2.1: Māori and non-Māori women aged 45–49 and 50–69 years receiving open biopsy procedure within 20 working days of notification of the need for the operation, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)	
45–49 years							
BSWN	1	4	25.0 (0.6, 80.6)	24	33	72.7 (54.5, 86.7)	0.34 (0.06, 1.90)
BSCM	0	0	-	2	4	50.0 (6.8, 93.2)	-
BSAL	1	1	100.0 (2.5, 100.0)	5	5	100.0 (47.8, 100.0)	1.00 (0.18, 1.47) #
BSM	5	12	41.7 (15.2, 72.3)	17	31	54.8 (36.0, 72.7)	0.76 (0.36, 1.60)
BSCtoC	0	1	0.0 (0.0, 97.5)	3	10	30.0 (6.7, 65.2)	0.00 (0.00, 24.20)
BSC	0	1	0.0 (0.0, 97.5)	2	5	40.0 (5.3, 85.3)	0.00 (0.00, 26.62)
BSSL	1	1	100.0 (2.5, 100.0)	24	30	80.0 (61.4, 92.3)	1.25 (0.20, 1.38) #
BSOS	0	0	-	3	5	60.0 (14.7, 94.7)	-
Total	8	20	40.0 (19.1, 63.9)	80	123	65.0 (55.9, 73.4)	0.62 (0.35, 1.07)
50–69 years							
BSWN	5	13	38.5 (13.9, 68.4)	47	88	53.4 (42.5, 64.1)	0.72 (0.35, 1.47)
BSCM	0	0	-	6	9	66.7 (29.9, 92.5)	-
BSAL	1	1	100.0 (2.5, 100.0)	4	4	100.0 (39.8, 100.0)	1.00 (0.19, 1.63) #
BSM	13	22	59.1 (36.4, 79.3)	37	89	41.6 (31.2, 52.5)	1.42 (0.93, 2.18)
BSCtoC	2	5	40.0 (5.3, 85.3)	8	28	28.6 (13.2, 48.7)	1.40 (0.41, 4.76)
BSC	3	4	75.0 (19.4, 99.4)	11	22	50.0 (28.2, 71.8)	1.50 (0.74, 3.03)
BSSL	1	1	100.0 (2.5, 100.0)	47	53	88.7 (77.0, 95.7)	1.13 (0.18, 1.17) #
BSOS	0	0	-	8	10	80.0 (44.4, 97.5)	-
Total	25	46	54.3 (39.0, 69.1)	168	303	55.4 (49.7, 61.1)	0.98 (0.74, 1.30)

Ratios below one are unfavourable to Māori. Shaded boxes show confidence interval excludes target of 90%.

Figure 5.c.2a: Trends in the proportion of Māori and non-Māori women aged 50–69 years receiving their open biopsy procedure within 20 working days of notification of the need for the operation, all BSA, July 2008 to June 2015

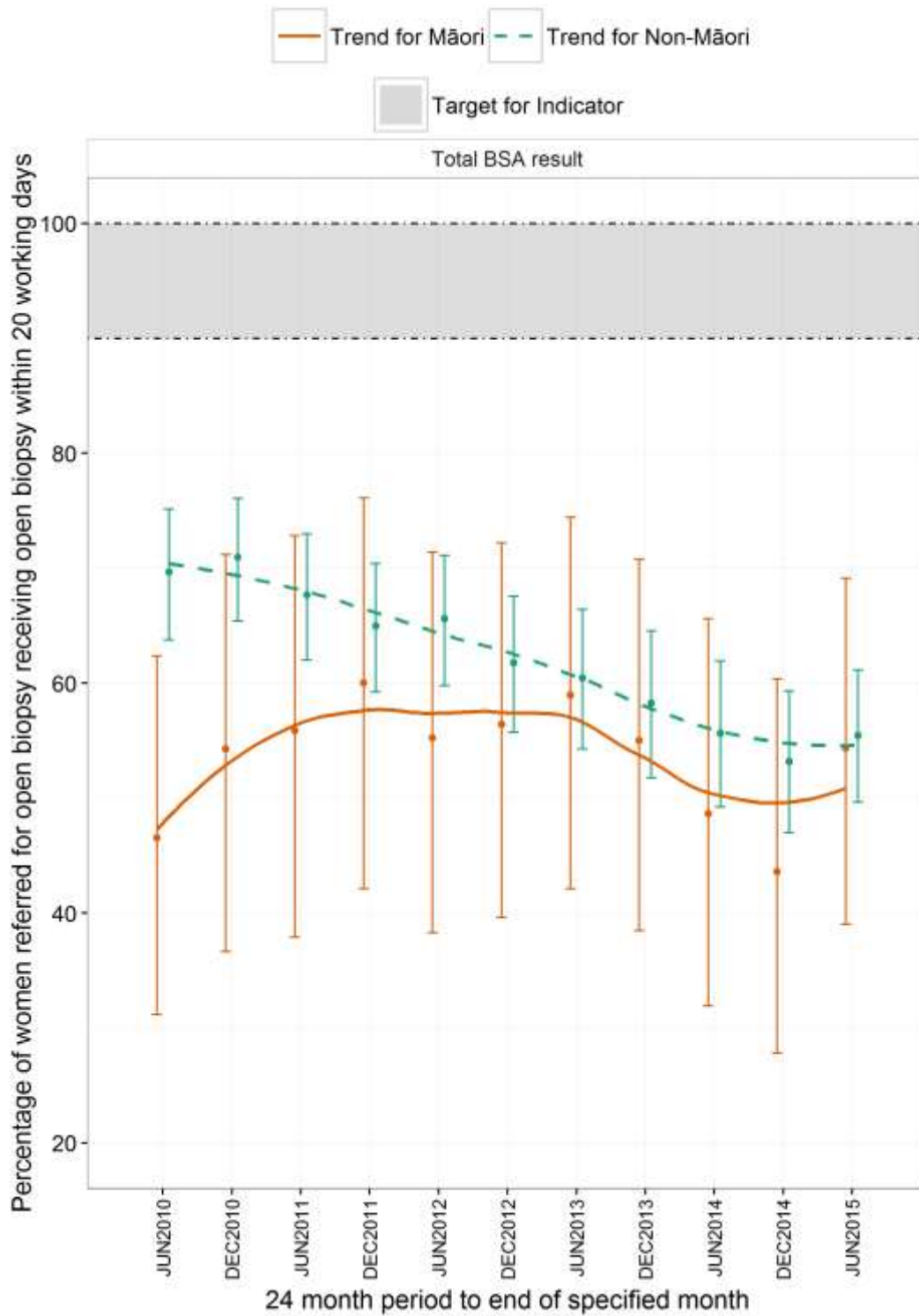


Table 5.c.2.2: Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years receiving open biopsy procedure within 20 working days of notification of the need for the operation, 5 years (July 2010 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)	
45–49 years							
BSWN	3	3	100.0(29.2, 100.0)	63	101	62.4(52.2, 71.8)	1.60(0.64, 1.74) #
BSCM	2	3	66.7(9.4, 99.2)	7	20	35.0(15.4, 59.2)	1.90(0.70, 5.17)
BSAL	0	0	-	27	32	84.4(67.2, 94.7)	-
BSM	0	0	-	42	66	63.6(50.9, 75.1)	-
BSCtoC	0	0	-	9	24	37.5(18.8, 59.4)	-
BSC	1	2	50.0(1.3, 98.7)	6	20	30.0(11.9, 54.3)	1.67(0.36, 7.77)
BSSL	1	2	50.0(1.3, 98.7)	53	60	88.3(77.4, 95.2)	0.57(0.14, 2.27)
BSOS	0	0	-	7	11	63.6(30.8, 89.1)	-
Total	7	10	70.0(34.8, 93.3)	214	334	64.1(58.7, 69.2)	1.09(0.72, 1.65)
50–69 years							
BSWN	2	11	18.2(2.3, 51.8)	116	197	58.9(51.7, 65.8)	0.31(0.09, 1.09)
BSCM	4	9	44.4(13.7, 78.8)	6	30	20.0(7.7, 38.6)	2.22(0.80, 6.18)
BSAL	5	5	100.0(47.8, 100.0)	33	40	82.5(67.2, 92.7)	1.21(0.66, 1.37) #
BSM	1	2	50.0(1.3, 98.7)	90	166	54.2(46.3, 62.0)	0.92(0.23, 3.71)
BSCtoC	1	1	100.0(2.5, 100.0)	16	50	32.0(19.5, 46.7)	3.12(0.47, 3.95) #
BSC	2	3	66.7(9.4, 99.2)	28	48	58.3(43.2, 72.4)	1.14(0.50, 2.63)
BSSL	2	3	66.7(9.4, 99.2)	96	110	87.3(79.6, 92.9)	0.76(0.34, 1.71)
BSOS	0	0	-	15	26	57.7(36.9, 76.6)	-
Total	17	34	50.0(32.4, 67.6)	400	667	60.0(56.1, 63.7)	0.83(0.59, 1.17)

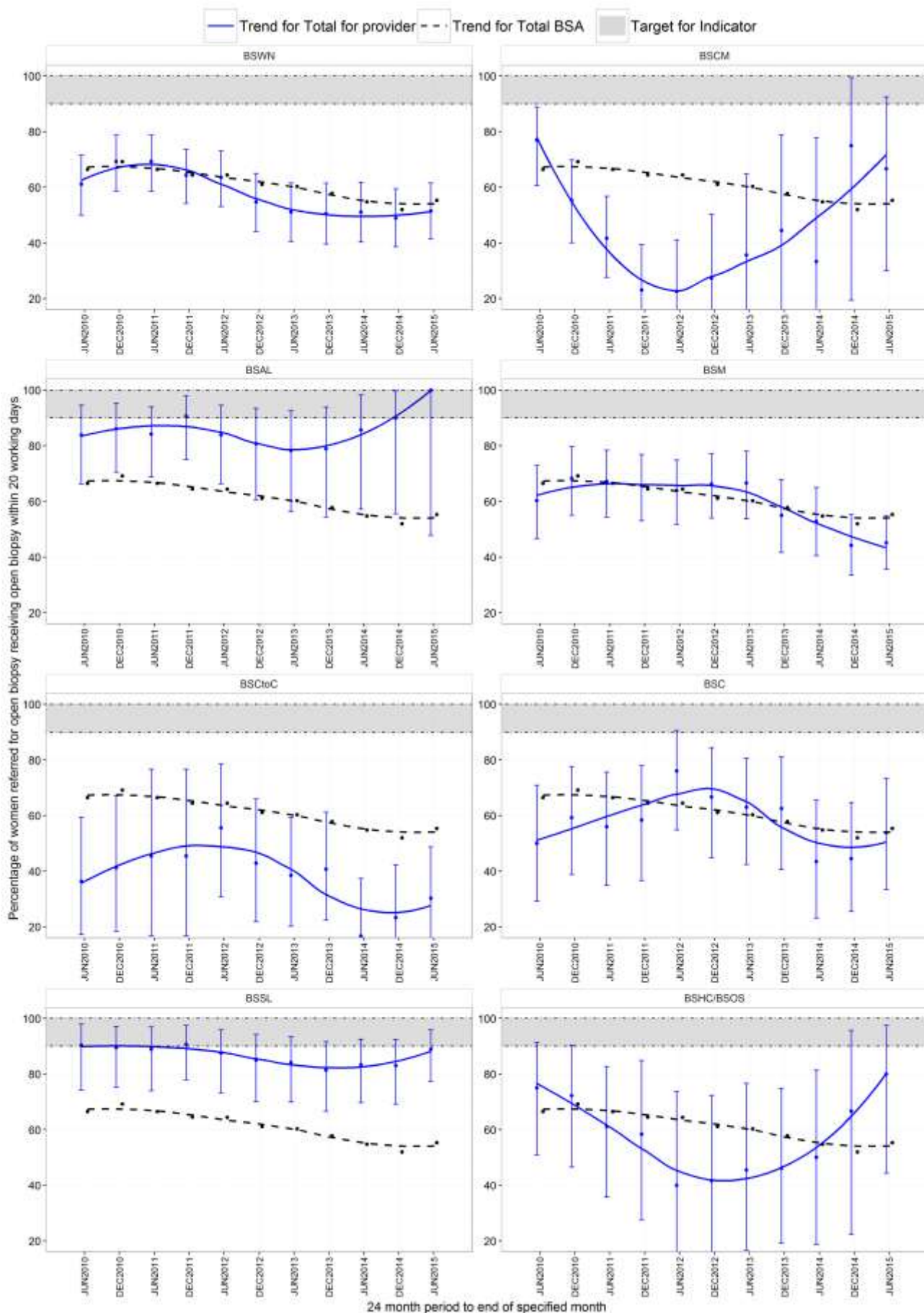
Ratios below one are unfavourable to Pacific women. Shaded boxes show confidence interval excludes target of 90%.

Table 5.c.2.3: Total women aged 45–49 and 50–69 years receiving open biopsy procedure within 20 working days of notification of the need for the operation, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)	Open biopsies within 20 working days of notification	Total open biopsies	% of open biopsies received within 20 working days of notification (95% CI)
BSWN	25	37	67.6 (50.2, 82.0)	52	101	51.5 (41.3, 61.6)
BSCM	2	4	50.0 (6.8, 93.2)	6	9	66.7 (29.9, 92.5)
BSAL	6	6	100.0 (54.1, 100.0)	5	5	100.0 (47.8, 100.0)
BSM	22	43	51.2 (35.5, 66.7)	50	111	45.0 (35.6, 54.8)
BSCtoC	3	11	27.3 (6.0, 61.0)	10	33	30.3 (15.6, 48.7)
BSC	2	6	33.3 (4.3, 77.7)	14	26	53.8 (33.4, 73.4)
BSSL	25	31	80.6 (62.5, 92.5)	48	54	88.9 (77.4, 95.8)
BSOS	3	5	60.0 (14.7, 94.7)	8	10	80.0 (44.4, 97.5)
Total	88	143	61.5 (53.0, 69.5)	193	349	55.3 (49.9, 60.6)

Shaded boxes show confidence interval excludes target of 90%.

Figure 5.c.2.b: Trends in the proportion of total women aged 50–69 years receiving their open biopsy procedure within 20 working days of notification of the need for the operation, by Lead Provider and all BSA, July 2008 to June 2015



5.d Time taken from final diagnostic biopsy to reporting assessment results

Description:

The time taken from the final biopsy procedure to reporting the diagnosis to the women.

Target for women aged 50–69 years:

Results reported to at least 90% of women within five working days of final diagnostic biopsy.

Table 5.d.1: Percentage of Māori and non-Māori women aged 45–49 and 50–69 years receiving final diagnostic biopsy results within 5 working days, 2 years (July 2013 to June 2015)

Lead provider	Māori			Non-Māori			Māori/non-Māori ratio (95% CI)
	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)	
45–49 years							
BSWN	60	68	88.2 (78.1, 94.8)	274	321	85.4 (81.0, 89.0)	1.03(0.94, 1.14)
BSCM	44	52	84.6 (71.9, 93.1)	230	265	86.8 (82.1, 90.6)	0.97(0.86, 1.10)
BSAL	8	14	57.1 (28.9, 82.3)	120	206	58.3 (51.2, 65.1)	0.98(0.61, 1.57)
BSM	87	110	79.1 (70.3, 86.3)	243	312	77.9 (72.9, 82.4)	1.02(0.91, 1.14)
BSCtoC	59	64	92.2 (82.7, 97.4)	112	130	86.2 (79.0, 91.6)	1.07(0.97, 1.18)
BSC	16	20	80.0 (56.3, 94.3)	93	116	80.2 (71.7, 87.0)	1.00(0.79, 1.26)
BSSL	46	54	85.2 (72.9, 93.4)	425	482	88.2 (85.0, 90.9)	0.97(0.86, 1.08)
BSOS	13	15	86.7 (59.5, 98.3)	120	158	75.9 (68.5, 82.4)	1.14(0.92, 1.42)
Total	333	397	83.9 (79.9, 87.4)	1,617	1,990	81.3 (79.5, 82.9)	1.03(0.98, 1.08)
50–69 years							
BSWN	92	112	82.1 (73.8, 88.7)	636	760	83.7 (80.9, 86.2)	0.98(0.90, 1.08)
BSCM	74	91	81.3 (71.8, 88.7)	455	543	83.8 (80.4, 86.8)	0.97(0.87, 1.08)
BSAL	17	29	58.6 (38.9, 76.5)	209	375	55.7 (50.5, 60.8)	1.05(0.76, 1.45)
BSM	184	245	75.1 (69.2, 80.4)	636	811	78.4 (75.4, 81.2)	0.96(0.88, 1.04)
BSCtoC	83	96	86.5 (78.0, 92.6)	364	431	84.5 (80.7, 87.7)	1.02(0.94, 1.12)
BSC	34	46	73.9 (58.9, 85.7)	296	364	81.3 (76.9, 85.2)	0.91(0.76, 1.09)
BSSL	39	47	83.0 (69.2, 92.4)	943	1,061	88.9 (86.8, 90.7)	0.93(0.82, 1.06)
BSOS	13	20	65.0 (40.8, 84.6)	249	359	69.4 (64.3, 74.1)	0.94(0.67, 1.30)
Total	536	686	78.1 (74.9, 81.2)	3,788	4,704	80.5 (79.4, 81.7)	0.97(0.93, 1.01)

Ratios below one are unfavourable to Māori. Shaded boxes show confidence interval excludes target of at least 90%.

Figure 5.d.a: Trends in the percentage of Māori and non-Māori women aged 50–69 years receiving final diagnostic biopsy results within 5 working days, by Lead Provider, July 2013 to June 2015

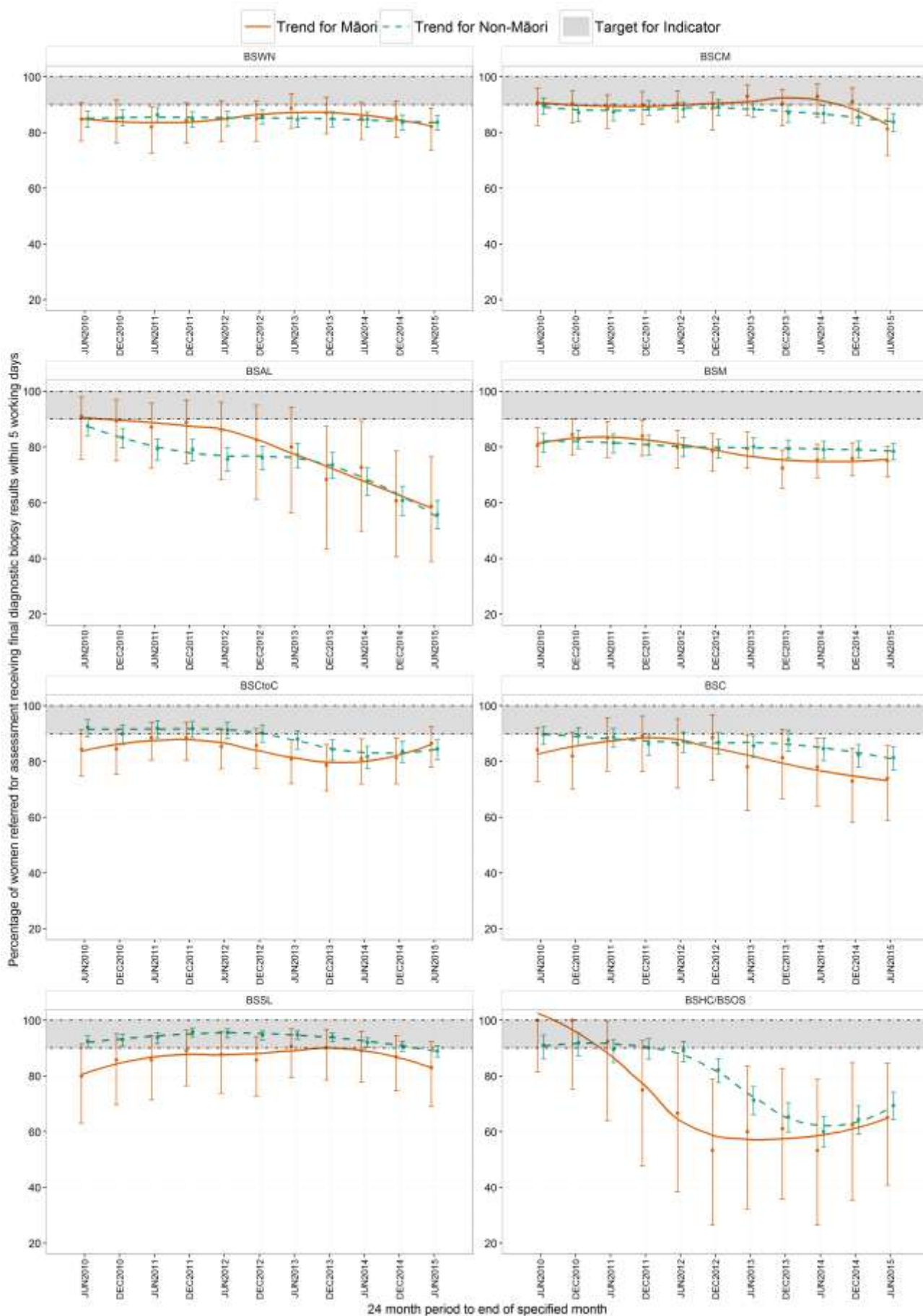


Table 5.d.2: Percentage of Pacific and non-Māori non-Pacific women aged 45–49 and 50–69 years receiving final diagnostic biopsy results within 5 working days, 2 years (July 2013 to June 2015)

Lead provider	Pacific			Non-Māori non-Pacific			Pacific/non-Māori non-Pacific ratio (95% CI)
	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)	
45–49 years							
BSWN	19	20	95.0(75.1, 99.9)	255	301	84.7 (80.1, 88.6)	1.12 (1.00, 1.25)
BSCM	51	58	87.9(76.7, 95.0)	179	207	86.5 (81.0, 90.8)	1.02 (0.91, 1.13)
BSAL	16	26	61.5(40.6, 79.8)	104	180	57.8 (50.2, 65.1)	1.07 (0.77, 1.48)
BSM	8	11	72.7(39.0, 94.0)	235	301	78.1 (73.0, 82.6)	0.93 (0.65, 1.34)
BSCtoC	3	5	60.0(14.7, 94.7)	109	125	87.2 (80.0, 92.5)	0.69 (0.34, 1.41)
BSC	4	6	66.7(22.3, 95.7)	89	110	80.9 (72.3, 87.8)	0.82 (0.46, 1.46)
BSSL	5	7	71.4(29.0, 96.3)	420	475	88.4 (85.2, 91.2)	0.81 (0.51, 1.29)
BSOS	2	3	66.7(9.4, 99.2)	118	155	76.1 (68.6, 82.6)	0.88 (0.39, 1.96)
Total	108	136	79.4(71.6, 85.9)	1,509	1,854	81.4 (79.5, 83.1)	0.98 (0.89, 1.07)
50–69 years							
BSWN	42	51	82.4(69.1, 91.6)	594	709	83.8 (80.9, 86.4)	0.98 (0.86, 1.12)
BSCM	89	109	81.7(73.1, 88.4)	366	434	84.3 (80.6, 87.6)	0.97 (0.88, 1.07)
BSAL	23	38	60.5(43.4, 76.0)	186	337	55.2 (49.7, 60.6)	1.10 (0.83, 1.44)
BSM	11	14	78.6(49.2, 95.3)	625	797	78.4 (75.4, 81.2)	1.00 (0.76, 1.32)
BSCtoC	3	3	100.0(29.2, 100.0)	361	428	84.3 (80.6, 87.7)	1.19 (0.47, 1.19) #
BSC	18	22	81.8(59.7, 94.8)	278	342	81.3 (76.7, 85.3)	1.01 (0.82, 1.23)
BSSL	6	7	85.7(42.1, 99.6)	937	1,054	88.9 (86.8, 90.7)	0.96 (0.71, 1.31)
BSOS	3	4	75.0(19.4, 99.4)	246	355	69.3 (64.2, 74.1)	1.08 (0.61, 1.91)
Total	195	248	78.6(73.0, 83.6)	3,593	4,456	80.6 (79.4, 81.8)	0.98 (0.91, 1.04)

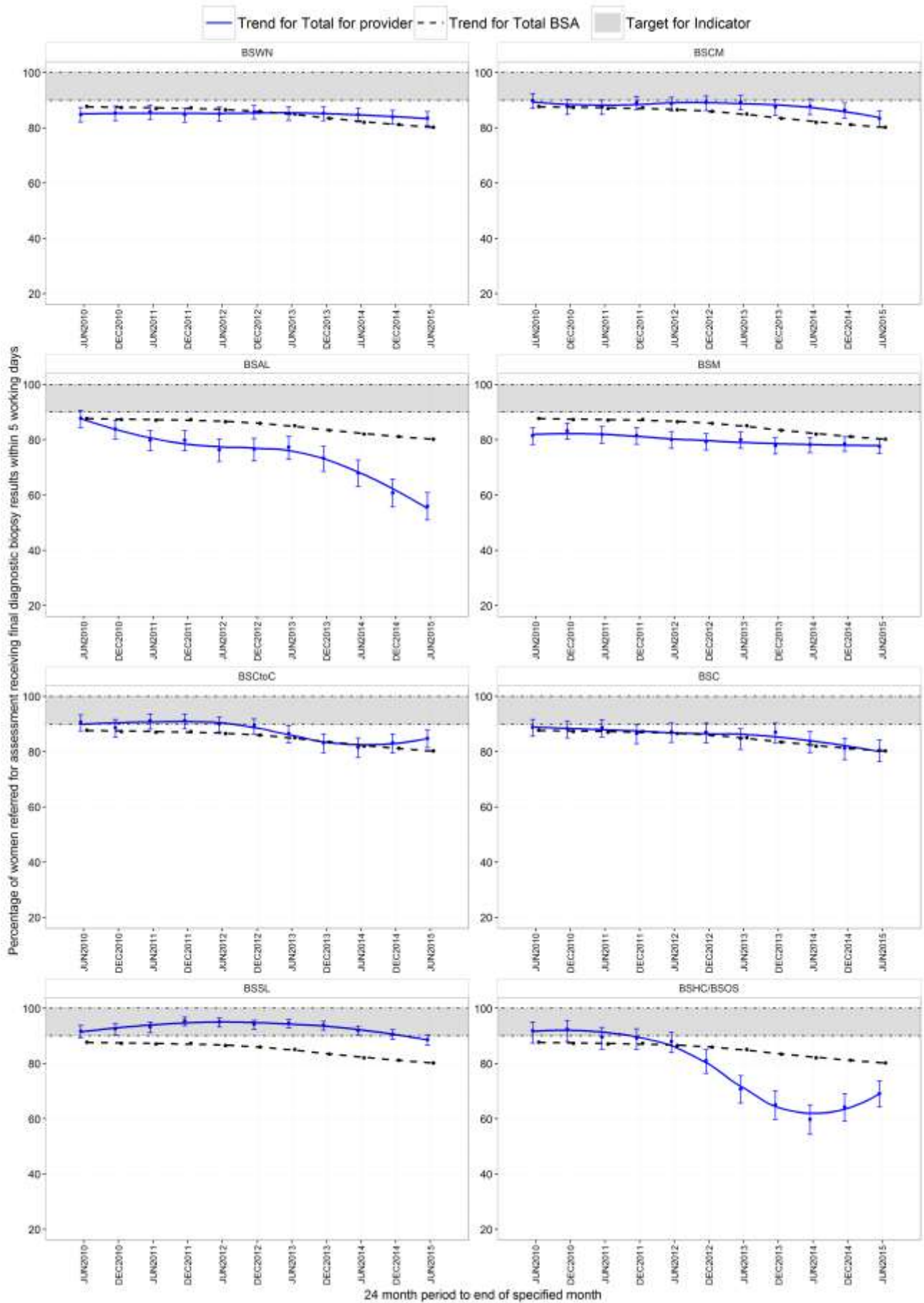
Ratios below one are unfavourable to Pacific women. Shaded boxes show confidence interval excludes target of at least 90%.

Table 5.d.3: Percentage of total women aged 45–49 and 50–69 years receiving final diagnostic biopsy results within 5 working days, 2 years (July 2013 to June 2015)

Lead provider	45–49 years			50–69 years		
	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)	Results reported within 5 working days of final biopsy	Number with final diagnostic biopsy	% received final biopsy results within 5 working days (95% CI)
BSWN	334	389	85.9 (82.0, 89.2)	728	872	83.5 (80.9, 85.9)
BSCM	274	317	86.4 (82.2, 90.0)	529	634	83.4 (80.3, 86.2)
BSAL	128	220	58.2 (51.4, 64.8)	226	404	55.9 (50.9, 60.8)
BSM	330	422	78.2 (74.0, 82.0)	820	1,056	77.7 (75.0, 80.1)
BSCtoC	171	194	88.1 (82.7, 92.3)	447	527	84.8 (81.5, 87.8)
BSC	109	136	80.1 (72.4, 86.5)	330	410	80.5 (76.3, 84.2)
BSSL	471	536	87.9 (84.8, 90.5)	982	1,108	88.6 (86.6, 90.4)
BSOS	133	173	76.9 (69.9, 82.9)	262	379	69.1 (64.2, 73.7)
Total	1,950	2,387	81.7 (80.1, 83.2)	4,324	5,390	80.2 (79.1, 81.3)

Shaded boxes show confidence interval excludes target of at least 90%.

Figure 5.d.b: Trends in the percentage of total women aged 50–69 years receiving final diagnostic biopsy results within 5 working days, by Lead Provider and all BSA, July 2008 to June 2015



APPENDIX ONE: POPULATION PROJECTIONS

Table A1: Mid-year population projections 2014 by ethnicity, Lead Provider, 45–49, 50–69 years and total

Age group (yrs)	BSWN	BSCM	BSAL	BSM	BSCtoC	BSC	BSSL	BSHC	BSA Total
Māori									
45–49	3,380	2,480	1,190	5,220	3,940	1,950	1,980	880	21,020
50–69	9,460	5,890	3,230	14,710	10,820	4,880	4,750	1,990	55,730
Total	12,840	8,370	4,420	19,930	14,760	6,830	6,730	2,870	76,750
Non-Māori									
45–49	24,210	15,700	15,360	19,260	15,085	15,915	25,515	9,840	140,885
50–69	78,630	47,070	45,150	72,450	59,720	50,775	90,935	36,220	480,950
Total	102,840	62,770	60,510	91,710	74,805	66,690	116,450	46,060	621,835
Pacific									
45–49	1,410	3,370	1,840	490	390	1,100	400	130	9,130
50–69	3,350	7,710	4,390	1,110	900	2,760	920	270	21,410
Total	4,760	11,080	6,230	1,600	1,290	3,860	1,320	400	30,540
Non-Māori, Non-Pacific									
45–49	22,800	12,330	13,520	18,770	14,695	14,815	25,115	9,710	131,755
50–69	75,280	39,360	40,760	71,340	58,820	48,015	90,015	35,950	459,540
Total	98,080	51,690	54,280	90,110	73,515	62,830	115,130	45,660	591,295
Total									
45–49	27,590	18,180	16,550	24,480	19,025	17,865	27,495	10,720	161,905
50–69	88,090	52,960	48,380	87,160	70,540	55,655	95,685	38,210	536,680
Total	115,680	71,140	64,930	111,640	89,565	73,520	123,180	48,930	698,585

Table A2: Mid-year population projections 2014 by ethnicity, Lead Provider, and 5-year age group

Age group (yrs)	BSWN	BSCM	BSAL	BSM	BSCtoC	BSC	BSSL	BSHC	BSA Total
Māori									
45–49	3,380	2,480	1,190	5,220	3,940	1,950	1,980	880	21,020
50–54	3,460	2,170	1,210	5,200	3,830	1,830	1,790	760	20,250
55–59	2,660	1,630	900	4,200	2,980	1,400	1,280	560	15,610
60–64	1,960	1,270	680	3,150	2,310	970	980	390	11,710
65–69	1,380	820	440	2,160	1,700	680	700	280	8,160
Non-Māori									
45–49	24,210	15,700	15,360	19,260	15,085	15,915	25,515	9,840	140,885
50–54	23,430	14,930	14,320	20,180	16,755	15,775	26,565	10,710	142,665
55–59	20,510	12,480	12,350	18,650	15,445	13,240	23,730	9,560	125,965
60–64	18,310	10,750	10,330	17,370	14,475	11,530	21,535	8,370	112,670
65–69	16,380	8,910	8,150	16,250	13,045	10,230	19,105	7,580	99,650
Pacific									
45–49	1,410	3,370	1,840	490	390	1,100	400	130	9,130
50–54	1,210	2,760	1,510	380	335	915	360	110	7,580
55–59	900	2,030	1,220	310	250	735	240	70	5,755
60–64	730	1,660	980	240	180	645	180	50	4,665
65–69	510	1,260	680	180	135	465	140	40	3,410
Non-Māori, Non-Pacific									
45–49	22,800	12,330	13,520	18,770	14,695	14,815	25,115	9,710	131,755
50–54	22,220	12,170	12,810	19,800	16,420	14,860	26,205	10,600	135,085
55–59	19,610	10,450	11,130	18,340	15,195	12,505	23,490	9,490	120,210
60–64	17,580	9,090	9,350	17,130	14,295	10,885	21,355	8,320	108,005
65–69	15,870	7,650	7,470	16,070	12,910	9,765	18,965	7,540	96,240
Total									
45–49	27,590	18,180	16,550	24,480	19,025	17,865	27,495	10,720	161,905
50–54	26,890	17,100	15,530	25,380	20,585	17,605	28,355	11,470	162,915
55–59	23,170	14,110	13,250	22,850	18,425	14,640	25,010	10,120	141,575
60–64	20,270	12,020	11,010	20,520	16,785	12,500	22,515	8,760	124,380
65–69	17,760	9,730	8,590	18,410	14,745	10,910	19,805	7,860	107,810