

Table 1: National and regional breast cancer projections.

	National	Northern	Te Manawa Taki	Central	Te Waipounamu
2020–2022					
Observed ^a	3,555	1,271	718	721	845
ASR ^b	95.4 (93.5–97.3)	96.3 (93.2–99.5)	94.8 (90.5–99.1)	98.3 (94.0–102.7)	92.5 (88.7–96.4)
2035					
Projected ^c	4,606 (4,418–4,789)	1,684 (1,614–1,752)	970 (928–1,015)	877 (838–923)	1,075 (1,026–1,124)
ASR ^d	97.0 (91.9–102.3)	95.2 (89.9–100.7)	100.3 (94.4–106.5)	100.9 (95.0–107.5)	94.2 (88.6–100.1)
% Change in cases ^e	29.6%	32.5%	35.1%	21.6%	27.2%
2045					
Projected ^c	5,243 (4,937–5,552)	1,968 (1,848–2,082)	1,104 (1,036–1,174)	968 (907–1,032)	1,203 (1,127–1,277)
ASR ^d	98.6 (91.8–105.7)	95.9 (88.7–103.2)	102.7 (95.1–111.1)	103.3 (95.5–112.0)	96.1 (88.9–104.2)
% Change in cases ^e	47.4%	54.8%	53.8%	34.3%	42.4%
% Annual change cases ^f	1.7%	1.9%	1.9%	1.3%	1.6%
% Change ASR ^g	3.4%	–0.4%	8.3%	5.1%	3.9%

^a Average observed cases per year over the period.

^b Age-standardised rate (ASR) over the 3-year period with 95% confidence intervals.

^c Projected cases with 95% uncertainty intervals.

^d ASR of projected cases with 95% uncertainty intervals.

^e Total percentage change in cases from observed 2020–2022 average.

^f Annual percentage change represents the compound annual growth rate (CAGR) between the 2020–2022 average and 2045.

^g Total percentage change in the ASR from observed 2020–2022.

Table 2: National breast cancer projections by ethnicity.

	Māori	Pacific peoples	Asian	European/Other
2020–2022				
Observed ^a	534	216	299	2,506
ASR ^b	125.9 (119.8–132.3)	126.8 (117.2–137.0)	65.1 (60.9–69.6)	93.6 (91.2–95.9)
2035				
Projected ^c	795 (761–832)	310 (293–328)	666 (628–700)	2,834 (2,717–2,956)
ASR ^d	133.2 (125.5–141.4)	124.6 (116.4–133.5)	66.9 (62.5–71.3)	97.9 (92.6–103.6)
% Change in cases ^e	48.9%	43.5%	122.7%	13.1%
2045				
Projected ^c	1,021 (960–1,085)	398 (371–428)	942 (877–1,005)	2,882 (2,712–3,055)
ASR ^d	136.2 (126.5–146.9)	127.5 (116.9–139.2)	68.4 (62.8–74.2)	100.1 (92.8–107.8)
% Change in cases ^e	91.2%	84.3%	215.1%	15.0%
% Annual change cases ^f	2.8%	2.7%	5.1%	0.6%
% Change ASR ^g	8.2%	0.6%	5.1%	6.9%

^a Average observed cases per year over the period.

^b Age-standardised rate (ASR) over the 3-year period with 95% confidence intervals.

^c Projected cases with 95% uncertainty intervals.

^d ASR of projected cases with 95% uncertainty intervals.

^e Total percentage change in cases from observed 2020–2022 average.

^f Annual percentage change represents the compound annual growth rate (CAGR) between the 2020–2022 average and 2045.

^g Total percentage change in the ASR from observed 2020–2022.