Supplementary Table 6: IRR of top cancers in Alberta (all stages combined) during state of emergency, compared to the incidence rate before COVID, and the post-SOE monthly recovery rate under the alternative model with 2-month SOE and 7-month post-SOE recovery

IRR	Bladder	Breast	Colorectal	Kidney	NHL
SOE	0.88 (0.73, 1.06)	0.63 (0.56, 0.72)*	0.61 (0.52, 0.70)*	0.92 (0.71, 1.19)	1.00 (0.82, 1.21)
PostSOE	1.00 (0.97, 1.04)	1.09 (1.06, 1.12)*	1.08 (1.05, 1.11)*	1.00 (0.94, 1.05)	0.97 (0.93, 1.00)
	Lung	Melanoma	Prostate	Uterus	Cervix
SOE	0.93 (0.82, 1.05)	0.53 (0.43, 0.65)*	0.60 (0.53, 0.69)*	0.85 (0.68, 1.06)	1.16 (0.73, 1.83)
PostSOE	1.02 (0.99, 1.04)	1.09 (1.05, 1.14)*	1.08 (1.05, 1.11)*	1.04 (0.99, 1.08)	0.97 (0.89, 1.06)

SOE: estimated as the exponent of β_3 ; PostSOE: estimated as the exponent of β_4 .

 Table 67: Missed cancer diagnoses during March 2020 to December 2020, modeled as the difference between the counterfactual cancer

 diagnoses had COVID not occurred and the modeled diagnoses under the alternative model with 2-month SOE and 7-month post-SOE recovery

Cancer	Modeled	Counterfactual	Difference
Bladder	630 (585, 673)	712 (632, 800)	82 (-14, 187)
Breast	1962 (1883, 2040)	2312 (2165, 2461)	350 (172, 531)*
Cervix	122 (103, 141)	116 (85, 155)	-6 (-45, 40)
Colorectal	1415 (1343, 1485)	1811 (1681, 1948)	397 (240, 570)*
Kidney	416 (381, 451)	458 (396, 527)	42 (-32, 122)
Lung	1637 (1568, 1708)	1674 (1556, 1803)	37 (-110, 194)
Melanoma	577 (537, 619)	800 (715, 898)	223 (122, 336)*
NHL	619 (577, 663)	695 (615, 789)	76 (-20, 185)
Prostate	1794 (1720, 1867)	2275 (2135, 2431)	481 (313, 667)*
Uterus	520 (481, 557)	542 (473, 619)	22 (-63, 114)

Appendix 7, as supplied by the authors. Appendix to: Heer E, Ruan Y, Boyne DJ, et al. Impact of the COVID-19 pandemic on cancer diagnoses, stage and survival in Alberta. *CMAJ* 2023. doi: 10.1503/cmaj.221512. Copyright © 2023 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca