SUPPLEMENTARY TABLE 1: Univariable cox proportional hazards analysis for overall survival.			
Variable	**HR**	**95% CI**	**p-value**
Age (per 1 year)	1.02	1.01-1.03	<0.001
Female sex (vs. male)	0.96	0.94-0.98	<0.001
Chemotherapy (yes vs. no/unk)	0.41	0.40-0.42	<0.001
Radiation (yes vs. no/unk)	0.67	0.65-0.69	<0.001
Surgery to primary (any vs. none/unk)	0.48	0.46-0.49	<0.001
Era 2008-2017 (vs. 2000-2007)	0.84	0.83-0.86	<0.001
Era 2018-2022 (vs. 2000-2007)	1.04	0.96-1.13	0.321

CI: Confidence interval; HR: Hazard ratio; hazard ratios were estimated using univariable Cox proportional hazards models for overall survival. The reference categories were male sex, no/unknown chemotherapy, no/unknown radiation therapy, no/unknown surgery to the primary tumor, and diagnosis era 2000-2007.

SUPPLEMENTARY TABLE 2: Age-stratified multivariable cox proportional hazards analysis for overall survival by diagnosis era.				
Age group (years)	**HR (2008-2017 vs. 2000-2007) (95% CI)**	**p-value**	**HR (2018-2022 vs. 2000-2007) (95% CI)**	**p-value**
<50	0.82 (0.76-0.89)	<0.001	0.79 (0.66-0.95)	0.010
50-59	0.85 (0.80-0.90)	<0.001	0.83 (0.72-0.96)	0.010
60-69	0.88 (0.84-0.92)	<0.001	0.86 (0.76-0.98)	0.020
70-79	0.91 (0.87-0.96)	0.001	0.90 (0.78-1.04)	0.150
≥80	0.96 (0.90-1.03)	0.280	0.98 (0.80-1.21)	0.850

CI: Confidence interval; HR: Hazard ratio; age-stratified Cox proportional hazards models were fitted within prespecified age groups (<50, 50-59, 60-69, 70-79, and ≥80 years). All models were adjusted for sex, chemotherapy, radiation therapy, and surgery on the primary tumor. The reference-diagnosis era was 2000-2007. Hazard ratios represent the association between diagnosis era and overall survival within each age stratum.

SUPPLEMENTARY TABLE 3: Sensitivity analysis: multivariable cox regression for overall survival using alternative calendar-time dichotomization (2000-2010 vs. 2011-2021).			
Variable	**HR**	**95% CI**	**p-value**
Age (per 1 year)	1.02	1.01-1.03	<0.001
Female sex (vs. male)	0.94	0.92-0.96	<0.001
Chemotherapy (yes vs. no/unknown)	0.50	0.48-0.52	<0.001
Radiation therapy (yes vs. no/unknown)	0.84	0.82-0.86	<0.001
Surgery to primary tumor (any vs. none/unknown)	0.47	0.45-0.48	<0.001
Diagnosis era 2011-2021 (vs. 2000-2010)	0.82	0.79-0.85	<0.001

CI: Confidence interval; HR: Hazard ratio; this sensitivity analysis evaluated the association between diagnosis era and overall survival using an alternative dichotomization of calendar time (2000-2010 vs. 2011-2021). Hazard ratios were estimated using a multivariable Cox proportional hazards model, adjusted for age, sex, chemotherapy, radiation therapy, and surgery for the primary tumor.