

Table 2.3. Cohort studies of *in utero* exposure to DES and breast cancer

Reference study location study name	Cohort description	Exposure assessment	Organ site (ICD-9 codes)	Exposure categories	Number of cases	Relative risk or incidence rate ratio (95% CI)	Adjustment for potential confounders	Comment
Hatch et al., (1998) US multi-centre NCI Combined Cohort Study	4536 prenatally exposed, 1544 unexposed participants from the DESAD cohort and the Horne cohort, daughters of participants from the Dieckmann Cohort, followed until 1994	Medical record or clinical trial record	Breast (174)	DES unexposed exposed	9 29	1.00 (reference) RR 1.24 (0.55–2.78)	Age at first live birth, ages at menarche and menopause, ever use of oral contraceptives, education, cohort	None
Palmer et al., (2006) US multi-centre NCI Combined Cohort Study	4817 prenatally exposed, 2073 unexposed participants from the DESAD cohort, daughters of participants from the Dieckmann Cohort, daughters of participants in the Women’s Health Study, followed until 2001	Same as above	Breast (174)	DES unexposed exposed	26 76	IRR 1.40 (0.89–2.22)	Age	Multivariate adjustment did not alter the findings
Troisi et al., (2007) US multi-centre NCI Combined Cohort Study 1994–2001	4806 prenatally exposed, 2067 unexposed women participants from the DESAD cohort and the Horne cohort, daughters of participants from the Dieckmann Cohort, daughters of participants from the Women’s health Study, followed until 2001	Same as above	Breast (174)	DES unexposed exposed	26 75	1.00 (reference) 1.35 (0.83–1.21)	n/a	