

Supplementary Table SVII Prevalence, crude OR and adjusted OR of maternal occupational exposure to EDCs and the risk of urinary anomalies in the offspring (Eurocat) compared to non-malformed controls and non-exposed as reference category (Lifelines), Northern Netherlands, 1997–2013.

Occupational exposure	Total	Unexposed		Exposed ^a		Unadjusted		Adjusted ^b		
	n	n	(%)	n	(%)	OR	95% CI	OR	95% CI	
Any EDC										
Controls	5602	4491	(80.2)	1111	(19.8)	1.00		1.00		
Urinary anomalies	537	413	(76.9)	124	(23.1)	1.21	(0.98–1.50)	1.21	(0.96–1.53)	
Malformations of the renal parenchyma	109	85	(78.0)	24	(22.0)	1.14	(0.72–1.80)	1.04	(0.64–1.69)	
Anomalies of the urinary collecting system	360	274	(76.1)	86	(23.9)	1.27	(0.99–1.63)	1.29	(0.98–1.69)	
Abnormal embryonic migration of kidneys	25	20	(80.0)	5	(20.0)	1.01	(0.38–2.67)	0.84	(0.28–2.52)	
Combination of urinary tract anomalies	43	34	(79.1)	9	(20.9)	1.07	(0.51–2.24)	1.10	(0.51–2.35)	
PAHs										
Controls	4842	4491	(92.8)	351	(7.2)	1.00		1.00		
Urinary total	452	413	(91.4)	39	(8.6)	1.21	(0.86–1.71)	1.09	(0.75–1.58)	
Malformations of the renal parenchyma	90	85	(94.4)	5	(5.6)	0.75	(0.30–1.87)	0.50	(0.18–1.41)	
Anomalies of the urinary collecting system	304	274	(90.1)	30	(9.9)	1.40	(0.95–2.07)	1.12	(0.87–2.00)	
Abnormal embryonic migration of kidneys	23	<5				NC		NC		
Combination of urinary tract anomalies	35	<5				NC		NC		
Pesticides										
Controls	4607	4491	(97.5)	116	(2.5)	1.00		1.00		
Urinary total	419	416	(98.6)	6	(1.4)	0.56	(0.25–1.29)	0.55	(0.23–1.31)	
Malformations of the renal parenchyma	86	85	(98.8)	1	(1.2)	NC		NC		
Anomalies of the urinary collecting system	279	274	(98.2)	5	(1.8)	0.71	(0.29–1.74)	0.68	(0.26–1.76)	
Abnormal embryonic migration of kidneys	20	<5				NC		NC		
Combination of urinary tract anomalies	34	<5				NC		NC		
Organic solvents/alkylphenolic compounds^c										
Controls	4873	4491	(92.2)	382	(7.8)	1.00		1.00		
Urinary total	464	413	(89.0)	51	(11.0)	1.45	(1.07–1.98)	1.41	(1.00–1.98)	
Malformations of the renal parenchyma	94	85	(90.4)	9	(9.6)	1.25	(0.62–2.49)	1.14	(0.56–2.35)	
Anomalies of the urinary collecting system	308	274	(89.0)	34	(11.0)	1.46	(1.01–2.12)	1.41	(0.95–2.11)	
Abnormal embryonic migration of kidneys	22	<5				NC		NC		
Combination of urinary tract anomalies	40	34	(85.0)	6	(15.0)	2.08	(0.87–4.97)	1.934	(0.78–4.80)	
Phthalates/benzophenones/parabens/siloxanes^c										
Controls	4745	4491	(94.6)	254	(5.4)	1.00		1.00		
Urinary total	450	413	(91.8)	37	(8.2)	1.58	(1.11–2.27)	1.55	(1.04–2.29)	
Malformations of the renal parenchyma	90	85	(94.4)	5	(5.6)	1.04	(0.42–2.59)	0.89	(0.35–2.29)	
Anomalies of the urinary collecting system	300	274	(91.3)	26	(8.7)	1.68	(1.10–2.56)	1.64	(1.04–2.60)	
Abnormal embryonic migration of kidneys	21	<5				NC		NC		
Combination of urinary tract anomalies	39	34	(87.2)	5	(12.8)	2.60	(1.01–6.71)	2.55	(0.94–6.88)	

^aPossible or probable exposure.^bAdjusted for child sex, birth year, maternal age and BMI, smoking, alcohol, and folic acid use during pregnancy and fertility problems.^cExposure to at least one exposure in this group.

OR, odds ratio; NC, not calculated due to sparse data (<5 exposed cases); EDC, endocrine-disrupting chemical; PAHs, polycyclic aromatic hydrocarbons.