

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

Occupational exposure	Total n	Unexposed		Exposed ^a		Unadjusted		Adjusted ^b	
		n	(%)	n	(%)	OR	95% CI	OR	95% CI
Any EDC									
Controls	2731	2214	(81.1)	517	(18.9)	1.00		1.00	
Urinary anomalies	377	290	(76.9)	87	(23.1)	1.29	(0.99–1.66)	1.21	(0.92–1.61)
Malformations of the renal parenchyma	68	50	(73.5)	18	(26.5)	1.54	(0.89–2.67)	1.34	(0.75–2.39)
Anomalies of the urinary collecting system	256	196	(76.6)	60	(23.4)	1.31	(0.97–1.78)	1.26	(0.91–1.76)
Abnormal embryonic migration of kidneys	21	<5				NC		NC	
Combination of urinary tract anomalies	32	27	(84.4)	5	(15.6)	0.79	(0.30–2.07)	0.70	(0.26–1.88)
PAHs									
Controls	2731	2560	(93.7)	171	(6.3)	1.00		1.00	
Urinary total	377	345	(91.5)	32	(8.5)	1.39	(0.94–2.06)	1.25	(0.81–1.91)
Malformations of the renal parenchyma	68	63	(92.6)	5	(7.4)	1.19	(0.47–2.99)	0.85	(0.30–2.40)
Anomalies of the urinary collecting system	256	233	(91.0)	23	(9.0)	1.48	(0.94–2.33)	1.40	(0.85–2.29)
Abnormal embryonic migration of kidneys	21	<5				NC		NC	
Combination of urinary tract anomalies	32	<5				NC		NC	
Pesticides									
Controls	2731	2685	(98.3)	46	(1.7)	1.00		1.00	
Urinary total	377	371	(98.4)	6	(1.6)	0.94	(0.40–2.23)	0.92	(0.37–2.30)
Malformations of the renal parenchyma	68	<5				NC		NC	
Anomalies of the urinary collecting system	256	251	(98.0)	5	(2.0)	1.16	(0.46–2.95)	1.11	(0.41–3.01)
Abnormal embryonic migration of kidneys	21	<5				NC		NC	
Combination of urinary tract anomalies	32	<5				NC		NC	
Organic solvents/alkylphenolic compounds^c									
Controls	2731	2558	(93.7)	173	(6.3)	1.00		1.00	
Urinary total	377	346	(91.8)	31	(8.2)	1.33	(0.89–1.97)	1.20	(0.77–1.85)
Malformations of the renal parenchyma	68	63	(92.6)	5	(7.4)	2.15	(0.77–6.07)	0.99	(0.38–2.56)
Anomalies of the urinary collecting system	256	233	(91.0)	23	(9.0)	1.46	(0.93–2.30)	1.32	(0.80–2.16)
Abnormal embryonic migration of kidneys	21	<5				NC		NC	
Combination of urinary tract anomalies	32	<5				NC		NC	
Phthalates/benzophenones/parabens/siloxanes^c									
Controls	2731	2620	(95.9)	111	(4.1)	1.00		1.00	
Urinary total	377	351	(93.1)	26	(6.9)	1.75	(1.13–2.72)	1.68	(1.04–2.73)
Malformations of the renal parenchyma	68	<5				NC		NC	
Anomalies of the urinary collecting system	256	237	(92.6)	19	(7.4)	1.89	(1.14–3.13)	1.85	(1.06–3.23)
Abnormal embryonic migration of kidneys	21	<5				NC		NC	
Combination of urinary tract anomalies	32	<5				NC		NC	

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