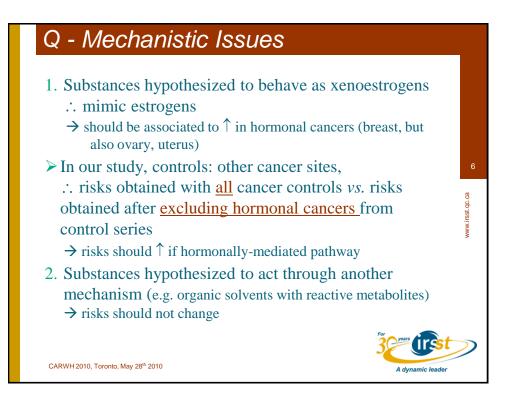


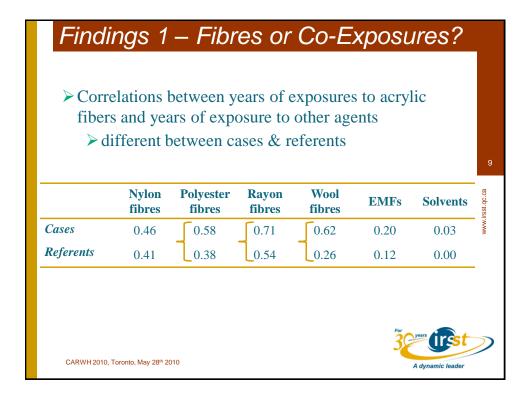
Selected Findings	- 1		
Exposure	Prevalence		
Substance Name	<b>Cases</b> (n=556)	) Controls (n=613)	
Subsunce Ivane	N %	N %	
Electromagnetic fields	437 78.6	450 75.0	
Volatile organic liquids	228 41.0	223 36.4	
Synthetic fibres	103 18.5	112 18.3	
Org. solvents / reactive metabolites	62 11.1	53 8.6	ww.irsst.gc.ca
Nylon fibres	58 10.4	54 8.8	ww.irss
PAHs from petroleum	41 7.4	31 5.1	¥
Monocyclic aromatic hydrocarbons (MAHs)	33 6.0	31 5.1	
Rayon fibres	29 5.2	31 5.1	
Acrylic fibres	26 4.7	18 2.9	
CARWH 2010, Toronto, May 28 <sup>th</sup> 2010	0	For years crist	>

per 10-year increase of any		All ages	$\leq ag$	$\leq$ age 35 years		
exposure)	OR	95% CI	OR	95% CI		
Acrylic fibres	1.93	1.16-3.23	7.69	1.47-40.2		
Electromagnetic fields	1.13	0.94-1.35	1.40	0.98-2.02		
Monocyclic Arom. Hc (MAHs) [E+/P-]	3.24	1.23-8.53	4.63	0.89-24.02		
Nylon fibres	1.14	0.87-1.50	1.99	1.02-3.88		
Org. solvents / reactive metabolites [E+/P-]	1.73	0.88-3.39	3.31	1.07-10.20		
PAH's from petroleum	1.52	0.97-2.39	2.38	1.00-5.67		
Rayon fibres	1.51	1.00-2.28	2.65	0.91-7.73		

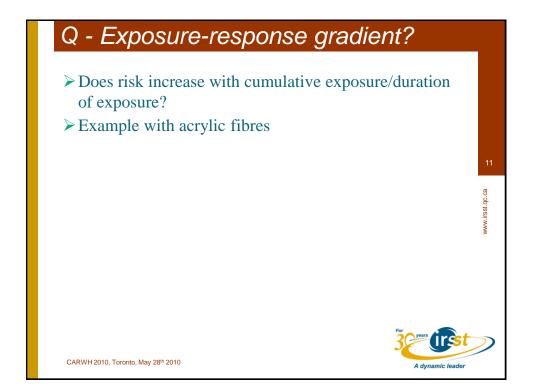


	All	ll ages Excl.		e 35 years Excl.	
	controls	hormonal cancers	All controls	hormonal cancers	
Acrylic fibres	1.93	1.79	7.69	9.11	
Monocyclic Arom. Hc (MAHs) [E+/P-]	3.24	4.48	4.63	5.94	7
Nylon fibres	1.14	1.13	1.99	1.90	qcca
Org. solvents / reactive metabolites [E+/P-]	1.73	1.71	3.31	3.40	www.irsst.gc.ca
PAH's from petroleum	1.52	1.40	2.38	2.26	
Synthetic fibres	1.07	1.08	1.53	1.72	





	OI	R, All ages	$OR$ , $\leq$ age 35 years		
	OR	95% CI	OR	95% CI	
Acrylic fibres	1.93	1.16-3.23	7.69	1.47-40.2	
Acrylic fibres, adj. for nylon fibres	1.96	1.12-3.43	8.12	1.41-46.7	
Acrylic fibres, adj. for nylon fibres ≤age 35 years	1.74	1.02-2.98	5.99	1.06-33.9	
Acrylic fibres, adj. for polyester fibres	2.24	1.26-4.00	11.56	1.93-69.3	
Acrylic fibres, adj. for polyester fibres ≤age 35 years	1.83	1.06-3.16	7.52	1.25-45.1	
Acrylic fibres, adj. for rayon fibres	1.76	0.95-3.28	6.06	1.06-34.8	
Acrylic fibres, adj. for rayon fibres ≤age 35 years	1.77	1.01-3.11	6.66	1.06-34.8	
Acrylic fibres, adj. for EMFs	1.86	1.11-3.13	7.16	1.36-37.6	
Acrylic fibres, adj. for EMFs ≤ age 35 years	1.89	1.12-3.17	7.25	1.37-38.4	



Findings - Exp	DOS	ure	-respc	onse	e gra	adient	?
Example: acrylic fibres	All ages		≤age 35 years				
	n	OR	95% CI	n	OR	95% CI	
Substantial (≥ 5 years, moderate & high exposures)	0	-	-	0	-	-	
Non-substantial (≥ 5 years, <u>low,</u> moderate & high exposures)	15	4.01	1.32 - 12.20	11	7.52	1.43 - 39.58	
Other exposures (some, < 5 years)	11	1.29	0.46 - 3.61	15	1.29	0.55 - 3.03	12
1 <sup>st</sup> tertile*	10	1.35	0.45-4.00	8	2.67	0.57-12.41	. dc.ca
2 <sup>nd</sup> tertile*	7	1.81	0.52-6.35	6	10.86	1.52-77.39	www.irsst.gc.ca
3 <sup>rd</sup> tertile*	9	5.11	1.12-23.23	4	6.52	0.74-57.54	
Cumulative, per 10-year increase	26	1.55	0.99-2.44	18	7.69	1.47-40.24	
* *	* $2^{nd}$ tert.: > 3.5 y. & $\leq 19.5$ y.			$1^{st}$ tert.: $\leq 2.5$ years $2^{nd}$ tert.: $\geq 2.5$ y. & $\leq 9.5$ y. $3^{rd}$ tert.: $\geq 9.5$ y.			
.: Suggestive results, but	t smal	l num	bers!!	-	3	yours (irst	>
CARWH 2010, Toronto, May 28th 2010						A dynamic leader	

