

Summary statistics Thimerosal study –Site: All Total SS 363203

PH models stratified by site and year and month of birth, momhepb excluded

HG3cat1(1): category 1 (of 3) at 1 month: cumulative Hg exposure = 12.5 µg, referent is = 0 µg
 HG3cat1(2): category 2 (of 3) at 1 month: cumulative Hg exposure >12.5 µg, referent is = 0 µg

HG4cat1(1): category 1 (of 4) at 1 month: cumulative Hg exposure = 12.5 µg, referent is = 0 µg
 HG4cat1(2): category 2 (of 4) at 1 month: cumulative Hg exposure = 25 µg, referent is = 0 µg
 HG4cat1(3): category 3 (of 4) at 1 month: cumulative Hg exposure > 25 µg, referent is = 0 µg

HG3cat3(1): category 1(of 3)at 3 months : cumulative Hg exposure = 50 µg, referent is < 50 µg
 HG3cat3(2): category 2 (of 3)at 3 months : cumulative Hg exposure > 50 µg, referent is < 50 µg

HG4cat3(1): category 1 (of 4) at 3 months: cumulative Hg exposure [12.5 µg, 50 µg[, referent is < 12.5 µg
 HG4cat3(2): category 2 (of 4) at 3 months: cumulative Hg exposure [50 µg, 75 µg[, referent is < 12.5 µg
 HG4cat3(3): category 3 (of 4) at 3 months: cumulative Hg exposure >=75 µg, referent is < 12.5 µg

Addcat1: increase of]5µg- 7.5µg] per Kg over 1 month, referent is <= 5µg increase
 Addcat2: increase of]7.5µg- 10µg] per Kg over 1 month, referent is <= 5µg increase
 Addcat3: increase of >10 µg per Kg over 1 month, referent is <= 5µg increase

Category	Nr Cases	Expo	Adjusted SA	Lower 95 % CI	Upper 95% CI	remarks
2990 = Autism						
2990	61	Hg3cat1(1)	0.93	0.64	1.34	Ref. 85
2990	7	Hg3cat1(2)	1.91	0.87	4.19	
2990	82	Hg4cat1(1)	0.93	0.64	1.34	
2990	5	Hg4cat1(2)	1.43	0.57	3.57	
2990	2	Hg4cat1(3)	11.35	2.70	47.76	
2990	47	Hg3cat3(1)	1.15	0.71	1.86	Ref. 34
2990	72	Hg3cat3(2)	1.38	0.80	2.40	
2990	31	Hg4cat3(1)	1.62	0.49	5.41	
2990	75	Hg4cat3(2)	1.77	0.56	5.63	
2990	44	Hg4cat3(3)	2.19	0.66	7.28	
2990	28	Addcat1	1.62	0.75	3.51	Ref. 9
2990	47	Addcat2	2.15	1.04	4.43	
2990	69	Addcat3	1.60	0.76	3.35	
3074 = Specific disorders of sleep of nonorganic origin						
3074	122	Hg3cat1(1)	1.06	0.75	1.50	Ref. 67
3074	5	Hg3cat1(2)	1.75	0.70	4.37	
3074	122	Hg4cat1(1)	1.07	0.76	1.51	
3074	3	Hg4cat1(2)	1.23	0.39	3.95	
3074	2	Hg4cat1(3)	4.64	1.12	19.25	
3074	49	Hg3cat3(1)	1.60	1.03	2.48	Ref. 39
3074	106	Hg3cat3(2)	1.08	0.64	1.80	

Category	Nr Cases	Expo	Adjusted SA	Lower 95 % CI	Upper 95% CI	remarks
3074	36	Hg4cat3(1)	2.20	0.52	9.23	
3074	87	Hg4cat3(2)	2.89	0.71	11.83	
3074	68	Hg4cat3(3)	2.74	0.66	11.31	
3074	40	Addcat1	2.14	1.07	4.29	Ref. 11
3074	35	Addcat2	2.17	1.09	4.33	
3074	108	Addcat3	1.61	0.83	3.14	
3140 = Attention Deficit Disorder						
3140	113	Hg3cat1(1)	0.89	0.69	1.15	Ref. 218
3140	15	Hg3cat1(2)	1.88	1.10	3.21	
3140	113	Hg4cat1(1)	0.89	0.69	1.15	
3140	13	Hg4cat1(2)	1.74	0.98	3.07	
3140	2	Hg4cat1(3)	3.96	0.97	16.25	
3140	116	Hg3cat3(1)	0.98	0.71	1.36	Ref. 77
3140	153	Hg3cat3(2)	1.27	0.87	1.84	
3140	73	Hg4cat3(1)	3.08	1.09	8.35	
3140	192	Hg4cat3(2)	2.79	1.03	7.51	
3140	77	Hg4cat3(3)	2.84	1.03	7.85	
3140	58	Addcat1	0.91	0.57	1.44	Ref. 28
3140	83	Addcat2	1.02	0.66	1.58	
3140	177	Addcat3	1.24	0.80	1.83	
3153 = Developmental speech or language disorder						
3153	808	Hg3cat1(1)	1.00	0.89	1.12	Ref. 803
3153	33	Hg3cat1(2)	1.03	0.72	1.46	
3153	808	Hg4cat1(1)	1.00	0.90	1.12	
3153	27	Hg4cat1(2)	0.93	0.63	1.37	
3153	6	Hg4cat1(3)	1.95	0.87	4.38	
3153	515	Hg3cat3(1)	1.20	1.05	1.38	Ref. 439
3153	690	Hg3cat3(2)	1.21	1.00	1.47	
3153	398	Hg4cat3(1)	1.03	0.74	1.42	Ref. 41
3153	741	Hg4cat3(2)	1.24	0.90	1.70	
3153	491	Hg4cat3(3)	1.20	0.86	1.67	
3153	430	Addcat1	1.59	1.28	1.87	Ref. 112
3153	362	Addcat2	1.51	1.22	1.87	
3153	740	Addcat3	1.32	1.05	1.65	
3154 = Coordination disorder						
3154	49	Hg3cat1(1)	0.83	0.51	1.37	Ref. 52
3154	2	Hg3cat1(2)	1.48	0.35	6.22	
3154	49	Hg4cat1(1)	0.83	0.51	1.37	
3154	2	Hg4cat1(2)	2.00	0.47	8.42	
3154	0	Hg4cat1(3)				
3154	35	Hg3cat3(1)	2.06	0.86	4.94	Ref. 8
3154	60	Hg3cat3(2)	1.13	0.46	2.80	
3154	5	Hg4cat3(1)	0.50	0.11	2.26	
3154	53	Hg4cat3(2)	1.12	0.35	3.60	

Category	Nr Cases	Expo	Adjusted SA	Lower 95 % CI	Upper 95% CI	remarks
3154	42	Hg4cat3(3)	0.56	0.26	2.89	
3154	6	Addcat1	1.05	0.30	3.76	Ref. 5
3154	15	Addcat2	1.30	0.46	3.63	
3154	77	Addcat3	1.36	0.52	3.56	
Mix = The above five combined (whichever comes first)						
Mix	1091	Hg4cat1(1)	0.99	0.90	1.09	Ref. 1138
Mix	44	Hg4cat1(2)	1.08	0.79	1.46	
Mix	10	Hg4cat1(3)	2.38	1.27	4.45	
Mix	523	Hg4cat3(1)	1.30	0.96	1.76	Ref. 47
Mix	1030	Hg4cat3(2)	1.54	1.15	2.06	
Mix	684	Hg4cat3(3)	1.47	1.08	2.00	
Mix	550	Addcat1	1.58	1.31	1.90	Ref. 153
Mix	505	Addcat2	1.51	1.25	1.81	
Mix	1075	Addcat3	1.37	1.13	1.65	
3451 = Generalized convulsive epilepsy						
3451	46	Hg3cat1(1)	1.20	0.75	1.92	Ref. 42
3451	2	Hg3cat1(2)	1.15	0.27	4.79	
3451	46	Hg4cat1(1)	1.20	0.75	1.92	
3451	2	Hg4cat1(2)	1.28	0.31	5.36	
3451	0	Hg4cat1(3)				
3451	37	Hg3cat3(1)	3.00	1.53	5.91	Ref. 12
3451	41	Hg3cat3(2)	3.74	1.63	8.62	
3451	10	Hg4cat3(1)	0.58	0.12	2.67	Ref. 2
3451	64	Hg4cat3(2)	2.06	0.50	8.46	
3451	14	Hg4cat3(3)	1.20	0.26	5.56	
3451	17	Addcat1	0.87	0.35	2.13	Ref. 7
3451	21	Addcat2	1.23	0.52	2.93	
3451	45	Addcat3	3.08	1.21	7.89	
7803 = Febrile seizures						
7803	2397	Hg4cat1(1)	1.07	1.00	1.14	Ref. 2049
7803	86	Hg4cat1(2)	1.00	0.80	1.24	
7803	17	Hg4cat1(3)	1.30	0.80	2.09	
7803	1233	Hg4cat3(1)	0.94	0.80	1.11	Ref. 171
7803	2334	Hg4cat3(2)	1.00	0.86	1.17	
7803	794	Hg4cat3(3)	1.12	0.94	1.35	
7803	1216	Addcat1	0.90	0.81	1.00	Ref. 553
7803	1293	Addcat2	0.95	0.86	1.05	
7803	1487	Addcat3	1.06	0.95	1.19	